



110 godina

fizičke hemije

Beograd, 2013.

110 GODINA FIZIČKE HEMIJE

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UNIVERZITET U BEOGRADU – Fakultet za fizičku hemiju

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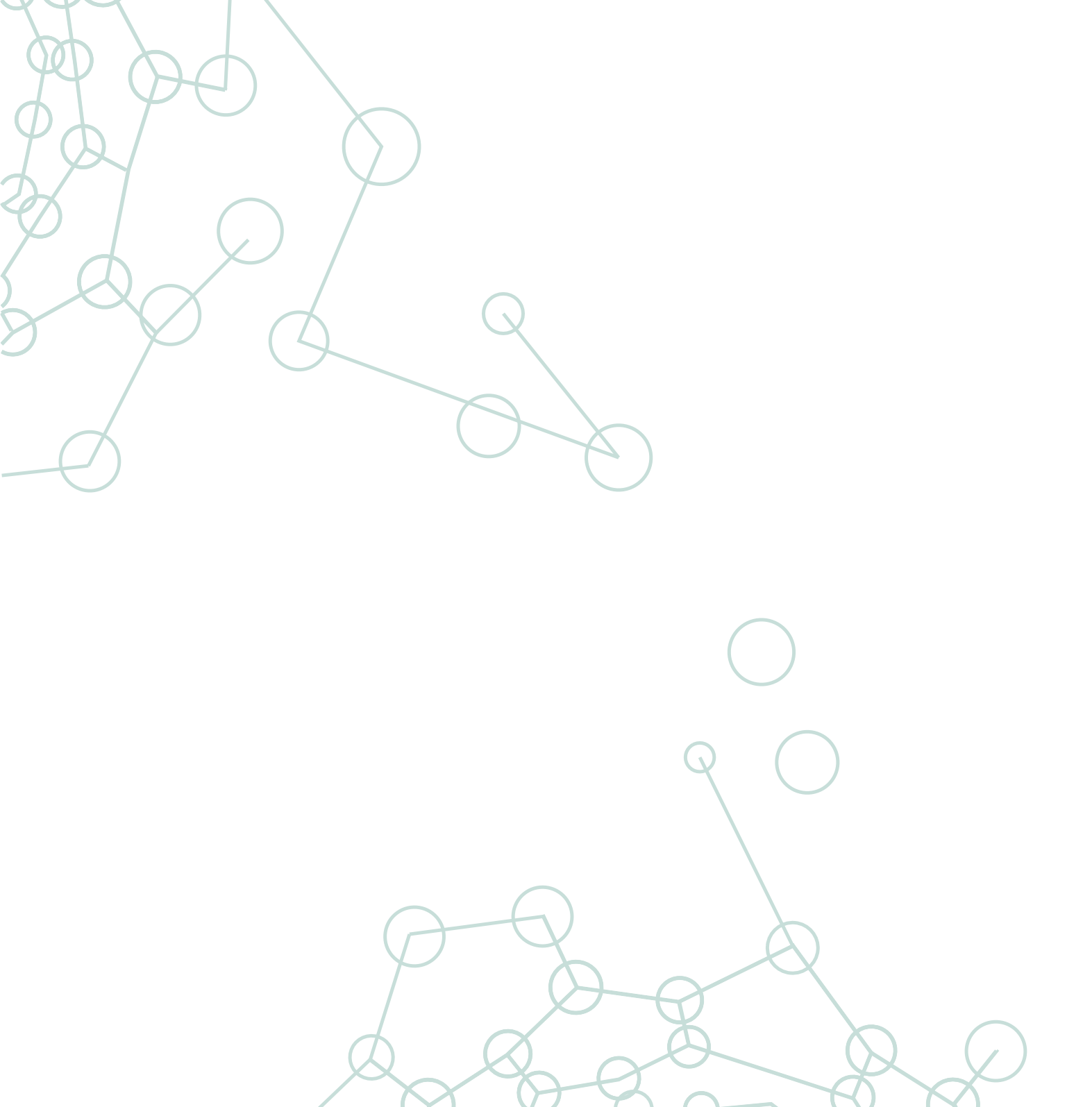
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UMESTO UVODA



Poruka W. Ostwalda čitaocima objavljena u prvom broju najstarijeg naučnog časopisa iz oblasti fizičke hemije „Zeitschrift für physikalische Chemie“, Leipzig, 1887.

„Nasuprot modernoj hemiji, može se fizička hemija nazvati hemijom budućnosti... Zamislimo jedan šareni niz vodonikovih i hlornih molekula. Neka ga pogodi neki mehanički dobro poznat udar, npr. snop eterskih talasa. Uz oslobađanje toplote, ali bez promene zapremine preraspodeljuju se atomi u molekule hlorovodonika. Matematičko-mehanički prikaz ovakvog najjednostavnijeg procesa bio bi jedan od zadataka koje bi trebalo da reši Newton hemije. Rešenje ovog problema bi bilo ravno nalaženju kamena mudrosti.“

Od ove vizionarske izjave, izrečene daleke 1887. godine u praskozorje razvoja prirodnih nauka pa do današnjih dana, fizička hemija je kombinujući principe i metode fizike i hemije postavila teorijske i eksperimentalne osnove za razumevanje hemijske ravnoteže, brzine reakcija, strukture molekula, osobina rastvora, gasova, tečnosti, kristala i koloida. Ne samo da je razrešen matematičko-mehanički prikaz nastajanja jednostavnog molekula hlorovodonika, već su pored teorijskih metoda razvijene i eksperimentalne metode koje nam omogućavaju da u realnom vremenu pratimo rađanje novih molekula. Danas smo u stanju zahvaljujući eksperimentima u ukrštenim molekulskim snopovima i femtosekundnoj spektroskopiji da pratimo i najsloženije biohemijske reakcije. Da li su ova otkrića do kojih su došli: Dudley R. Herschbach, Yuan T. Lee, John C. Polanyi (Nobelova nagrada 1986), Ahmed H. Zewail (Nobelova nagrada 1999) ravna nalaženju

kamena mudrosti reći će budućnost, ali svaki ovakav naučnik se može nazvati „Newtnom“ savremenog doba.

Fizička hemija je kao nauka bazirana na tri osnovna principa: termodinamičkom, koji se oslanja na razmatranju velikog broja čestica u ravnoteži; kinetičkom, kojim se proučava hemijska promena tokom vremena, i molekulsko-strukturnom kojim se na osnovu kvantne teorije izučavaju uređenja atoma i elektrona u molekulima. Fizička hemija razvija fundamentalne i eksperimentalne osnove za razumevanje na atomskom i molekulskom nivou osobine materijala, procesa i znanja koja su važna u skoro svim oblastima hemije, hemijskog inženjerstva, farmacije pa i molekularne medicine.

Fizičko-hemijska istraživanja zahtevaju prefinjene instrumente i najsavremenije računare, neophodne za molekulске simulacije koje su najmoćniji alat za razvoj novih lekova. Kada, na primer, uđete u fizičko-hemijsku laboratoriju videćete najrazličitije spektrometre (NMR, EPR, spektrometre masa itd.), mikroskope koji imaju rezoluciju na atomskom ili molekulskom nivou, različite tipove hromatografa, lasera, difrakcionih i drugih uređaja bez kojih je nemoguć razvoj savremenih tehnologija.

Fizička hemija u svetu pa i kod nas tradicionalno obrazuje studente tako da poseduju znanja i veštine koje ih usmeravaju prema različitim oblastima istraživanja. Multidisciplinarnost i interdisciplinarnost omogućavaju fiziko-hemičarima da rade u istraživačkim i analitičkim laboratorijama, na razvoju novih materijala, procesa, metoda i senzora, da budu deo timova koji se bave izučavanjem



i sprečavanjem zagađivanja životne sredine. Fizikohemičari rade u brojnim industrijskim oblastima i učestvuju u formiranju novih proizvoda. Tako su recimo, zahvaljujući razumevanju međumolekulskih interakcija koje su osnova delovanja površinski aktivnih materija nastali brojni proizvodi ne samo u kozmetičkoj industriji, proizvodnji sredstava za pranje, čišćenje i kvašenje već i najsavremenijim oblastima nanotehnologije: samočišćeće tkanine i stakla, samoobnavljajući i drugi materijali. Fizikohemičari se mogu zapošljavati u različitim oblastima, u skoro svakoj industriji od farmaceutske, keramičke, elektronske, industrije koja ima za osnov katalitičke procese (petrohemija, proizvodnja plastičnih i polimernih materijala, veštačkih đubriva itd.) ili je zasnovana na koloidnim osobinama materijala (industrija hrane, kozmetička industrija), kao i u obrazovnim ustanovama, javnom sektoru i različitim državnim agencijama koje se bave zaštitom životne sredine ili zaštitom od zračenja.

Fizičkochemijska istraživanja su prisutna u brojnim oblastima od biohemije, osobine materijala pa sve do razvoja kvantnih kompjutera. Fizikohemičari bi danas želeli da razreše tako fantastične misterije kao što je kako se u proteinima formiraju aktivni centri, kako kompleksne nanostrukture formiraju svoje osobine, kako rade molekularni motori, ili kako globalni fenomeni utiču na ozonsku rupu.

Gilbert Newton Lewis je jednom rekao: „Fizička hemija je sve što je interesantno“, sigurni smo da ovaj moto slede generacije studenata koje su završile studije fizičke hemije i koje danas sa nama obeležavaju ovaj značajan jubilej Univerziteta u Beogradu.

RADOVI NASTAVNIKA I SARADNIKA



1903–1933.

1. Stojiljković M. M., Recherches sur l'activite optique de l'alcool amylique et du benzoate d'anyle, These de doctorat, Geneve, (1902)
2. Stojiljković M. M., Mehanizam smrti od električne struje, Delo, 254, avgust (1904)
3. Stojiljković M. M., Radioaktivna tela i njihova energija, Srpski književni glasnik, 1902, jul (1904)
4. Stojiljković M. M., Uber den Brennwert der Kohle von Senje, Chem. Ztg., Zurich, No 15 (1905)
5. Stojiljković M. M., Fizičko-hemijska i spitivanja Senjskog uglja, Srpsko Hem. društvo (1906)
6. Stojiljković M. M., Pierre Curie, Srpski Književni Glasnik, 718, maj (1906)
7. Stojiljković M. M., Elektroanalitičke metode za odvajanje Fe od Mn, Srpsko Hem. društvo (1908)
8. Stojiljković M. M., Fizičke i hemijske konstante naših ulja od sezama i repice, Srpsko Hem. društvo, mart (1909),
9. Stojiljković M. M., Uticaj katalizatora na brzinu hemijskih reakcija kod anorganskih kombinacija, Srpsko hem. društvo, mart (1910)
10. Stojiljković M. M., Specifična i molekularna rotacija kod šećera, Srpsko Hem. društvo april (1911)
11. Stojiljković M. M., Uticaj katalize na brzinu reakcije kod organskih kombinacija, Srpsko Hem. društvo (1912)
12. Stojiljković M. M., Hem. društvo (1904–1913), Nastavnik, 5–6, 1 (1914)
13. Stojiljković M. M., Čovečja hrana, Narodna prosveta, 79, od 25/9 (1920)
14. Stojiljković M. M., Hemijska energija, Spomenica S. Lozanića (1922)
15. Stojiljković M. M., Problem optičke superpozicije, Glas. SK Akademije, 111 (1924)
16. Stojiljković M. M., Rotaciona disperzija polarizovane svetlosti kod organskih kombinacija
17. Glasnik Prof. Društva, 4, 541 (1924)
18. Stojiljković M. M., Berthelotovi naučni radovi, Glasnik Prof. Društva, knj. 8, 65 (1928)
19. Yovanovitch D. K., Savitch P., Sur l'etude calorimetrique de l'absorbition des razons beta du radium, Compt. Rend., 193, 1006 (1931)

ZNAČAJNE ČINJENICE

1903. Dr Miloje Stojiljković postavljen za docenta fizičke hemije na Velikoj školi

1906. Uvodjenje fizičke hemije kao diplomskog predmeta u grupi I pod v.

1908. Osnivanje Katedre za fizičku hemiju i Fizičko-hemijskog zavoda u okviru Filozofskog fakulteta, Univerziteta u Beogradu

1921. Postavljen prvi honorarni asistent u Fizičko-hemijskom zavodu

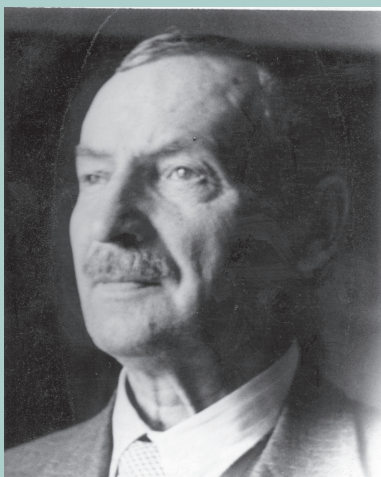


1929. Za honorarnog asistenta postavljen Pavle Savić

1930. Prvi diplomirani studenti

1932. Za honorarnog asistenta postavljen Slobodan Ristić





1908–1941. Upravnik Fizičko-hemijskog zavoda: Miloje Stojiljković

1946. Studije fizičke hemije sa diplomskim ispitom

1947. Osnivanje Prirodno-matematičkog fakulteta

1947. Fizička hemija je samostalna studijska grupa

1948. Diplomira prva generacija fizikohemičara

1948. Otpočinje sa radom Institut za istraživanje strukture materije – Institut Boris Kidrič (danas Institut Vinča)

1933–1953.

20. Stojiljković M. M., Sima Lozanić, kao nastavnik i naučnik, „Spomenica sime Lozanića“ (20.11.1922), Beograd, Glasnik Prof. Društva, 16 (1935)
21. Stojiljković M. M. Bojni otrovi, Ratnički glasnik, sv. za decembar (1935), Glasnik Prof. Društva, knj. XVII, sv. 4–5, 320 (1936/37)
22. Curie I., Savitch P., Sur les radioelements formes dans l'uranium irradie par les neutrons, J. Phys. Radium, 8, 385 (1937)
23. Curie I., Savitch P., Sur le radioelement de periode 3,5 heures forme dans l'uranium irradie par les neutrons, Compt. Rend., 206, 906 (1938)
24. Curie I., Savitch P., Marques da Silva A., Sur le rayonnement du corps de periode 3,5 heures forme par irradiation de l'uranium par de neutrons, J. Phys. Radium, 9, 440 (1938)
25. Curie I., Savitch P., Sur les radioelements formes dans l'uranium irradie par les neutrons. II, J. Phys. Radium, 9, 355 (1938)
26. Ristić S., Ventil sigurnosti protiv povratka vode u vodenim šmrkovima, Glasnik Hem. društva Beograd, 10, 85 (1939)
27. Halban H., von Kowarski L., Savitch P., Sur la capture simple des neutrons theramiques et des neutrons de resonance par l'uranium, Compt. Rend., 208, 1396 (1939), Curie I., Savitch P.
28. Sur les radioelements formes dans l'uranium et le thorium irradies par les neutrons, Compt. Rend., 208, 343 (1939)
29. Savitch P., Sur un radioelement gazeux forme dans l'uranium bombarde par les neutrons, Compt. Rend., 208, 646 (1939)
30. Savitch P., Shalnikov A., Coagulation of fog in the liquid helium II, J. Phys. Acad. Sci. USSR, 10, 299 (1946)
31. Ristić S., O prirodi osmotskog pritiska i mehanizmu osmoze, Glasnik Hem. društva Beograd, 12, 161 (1947)
32. Ristić S., Pokušaj racionalne klasifikacije i terminologije nuklearnih procesa, Glasnik Hem. društva Beograd, 14, 133 (1949)
33. Savić P., O novim mogućnostima dobijanja niskih temperature, Glas SAN CXII, Od. priro-mat. Nauka, 1, 21 (1949)
34. Savić P., Božić B.M., Dobijanje radioaktivnog arsena 33/76 As bez primene inaktivnog arsena, Glasnik Hem. društva Beograd, 15, 205 (1950)
35. Ristić S., Refraktometrijska ispitivanja 2-2-bis/p-hlor-fenil/-1-1-1 trihloretana/p-p'DDT.a/ u raznim organskim rastvaračima, Glasnik Hem. društva Beograd, 16, 81 (1951)

36. Ristić S., Problem porekla helijuma u mineralima, Glas SAN CC NS, 4 57 (1951), Ristić S.
37. Mogućnost postojanja dvostrukog neutrona-dineutrona u oblasti nuklearnih procesa, Vesnik druš. mat. i fiz. NRS, 3, 71 (1951)
38. Savić P., Draganić I., Fluorimetrijsko odeđivanje urana, Glas SAN CC, 4, 47 (1951)
39. Milutinović V. M., Novakov S.D., Determination of Surface Area of a Powder by the Ion Exchange Method, Bull. Inst. Nucl. Sciences 'B. Kidrič', 1, 107 (1952)
40. Savić P., Gal I., The use of photocell to obtain a universal auxillarz electrode for potentiometric titrations, Bull. Acad. Sci. serbe, 4, 145 (1952)
41. Vukanović V., Pavlović B., La determination des faibles cncentrationsd'eau lourde
42. Rec. Trav. Inst. Rech. Struct. Matiere, 1, 103 (1952)

1953–1963.

43. Ristić S., Jedan novi tip rotacione elektrode za spektrografiju u zatvorenoj gasnoj atmosferi, Glasnik Hem. društva Beograd, 18, 243 (1953)
44. Šušić M., Dempendence of ratio O/U in uranium dioxide on the reduction temperature of UO_3 , Rec. Trav. Inst. Rech. Struct. Matiere, 2, 89 (1953)
45. Veljković S., The Photolysis of $Co(NH_3)_6(NO_3)_3$, Rec. Trav. Inst. Rech. Struct. Matiere, 2, 93 (1953)
46. Ristić S., Spektrohemijska analiza jednog našeg uzorka berila, Glasnik Hem. društva Beograd, 19, 585 (1954)
47. Ristić S., Uklanjanje i prigušivanje cijanskih traka pri emisiospektrografskim radovima, Glasnik Hem. društva Beograd, 19, 397 (1954)
48. Savitch P., Pavlovitch S., Contribution a l'étude du cycle mineralogique de l'uranium, Compt. Rend., 238, 912 (1954)
49. Savić P., Ribnikar S. V., Dogramadžić N. N., Efficacite de certains catalyseurs dans l'échange H_2O+HD , Bull. Inst. Nucl. Sciences 'B. Kidrič', 4, 25 (1954)
50. Šušić M., Choice of supporting electrolytes for the polarographic determination of uranium in the presence of iron and copper, Bull. Inst. Nucl. Sciences 'B. Kidrič', 4, 57 (1954)
51. Šušić M. Polarographic determination of uranium, Bull. Inst. Nucl. Sciences 'B. Kidrič', 4, 54 (1954)
52. Šušić M., Gal I., Cuker E., Polarographic determination of uranium in ores in ascorbic acid supporting electrolzte, Anal. Chim. Acta, 11, 586 (1954)
53. Lazarević Đ., Šušić M., Prilog poboljšavanje jedne nove elektrode u polarografiji, Glasnik Hem. društva Beograd, 19, 63 (1954)
54. Veljković S., Kinetics of the Photolysis of $Co(NH_3)_6(NO_3)_3$, Bull. Inst. Nucl. Sciences 'B. Kidrič', 4, 63 (1954)

1948–1966. Upravnik Fizičkochemijskog
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55. Vukanović V., Milutinović V., Sorption des vapeurs d'iode pendant la pulvérisation cathodique de l'or, Bull. Inst. Nucl. Sciences 'B. Kidrič', 4, 71 (1954)
56. Milutinović V.M., Vukanović V.M., Malčić S., Sur la difference des solubilités dans le niobium de l'hydrogene a l'état atomique ou moléculaire, Compt. Rend., 241, 1298 (1955)
57. Savić P., Pavlović S., Malčić S., Remplissage de l'espace dans l'édifice cristallin de minéraux, Bull. Inst. Nucl. Sciences 'B. Kidrič', 5, 113 (1955)
58. Šušić M., Chemical reactions and polarographic behaviour of some elements in ascorbic acid supporting electrolyte, Bull. Inst. Nucl. Sciences 'B. Kidrič', 4, 65 (1955)
59. Vukanović V., Milutinović V., Malčić S., Sur la difference des solubilités dans le niobium de l'hydrogene a l'état atomique ou moléculaire, Compt. Rend., 241, 1298 (1955)
60. Ristić S., Arsenijević S., Milutinović V., Spektrohemijski nalaz Rb i Cs u mineralnoj vodi Niške Banje, Glasnik Hem. društva Beograd, 21, 283 (1956)
61. Šušić M., Maksimović Z., Direktno polarografsko određivanje bakra u produktima Borskog rudnika Glasnik Hem. društva Beograd, 21, 165 (1956)
62. Šušić M., Maksimović Z., Influence of the reduction of palladium ion on the reduction of some other elements, Bull. Inst. Nucl. Sciences 'B. Kidrič', 6, 137 (1956)
63. Šušić M., Maksimović Z., Separation and determination of palladium, selenium and mercury by reduction with ascorbic acid, Bull. Inst. Nucl. Sciences 'B. Kidrič', 6, 131 (1956)
64. Šušić M., Maksimović Z., Utilisation de l'acide ascorbique comme antidote du sublime, Compt. rend., 242, 1382 (1956)
65. Bowen E. J., Veljković S., The Enhancement of the Fluorescence of Vapros, Proc. Roy. Soc., 236, A1 (1956)
66. Vukanović V., Tasovac T., Determination de l'initiale des préparations radioactives lors des mesures avec absorbans à l'aide de la courbe d'absorption de l'étalon, Bull. Inst. Nucl. Sciences 'B. Kidrič', 6, 163 (1956)
67. Ristić S., Radak V., Refraktometrijska ispitivanja 2-2bis (p-hlorofenil-1-1-1-trihloretana/p-p'DDT-a) u raznim organskim rastvaračima (II), Glasnik Hem. društva Beograd, 22, 93 (1957)
68. Šušić M., Polarographic-amperometric determination of Hg, Ag, Au, Fe and V: determination of vanadium in uranium, Bull. Inst. Nucl. Sciences 'B. Kidrič', 7, 25 (1957)
69. Šušić M., Separation of Te, Ru, Cd and rare earths from one another using anion exchange resin Dowex-1, Bull. Inst. Nucl. Sciences 'B. Kidrič', 7, 39 (1957)
70. Šušić M., Jelić N., Separation of uranium from rare earths and some other elements by solvent extraction with tri-butyl phosphate, Bull. Inst. Nucl. Sciences 'B. Kidrič', 7, 29 (1957)
71. Šušić M., Separation of uranium from rare earths and some other elements in sulphuric acid medium, using anion exchange resin, Bull. Inst. Nucl. Sciences 'B. Kidrič', 7, 137 (1957)

72. Veljković S., Kinetics of the Reactions of Radiobromine Activated by $^{81}\text{Br}(\text{n})$ ^{82}Br Process in Aryl Bromides, Bull. Inst. Nucl. Sciences 'B. Kidrič', 7, 65 (1957)
73. Veljković S., Red Shifts in the Spectra of Anthracene Derivatives, Trans. Faraday Soc., 53, 1181 (1957)
74. Vukanović V., Pokretljivost deuterijuma u paladijumu pod dejstvom električnog polja, Glasnik Hem. društva Beograd, 22, 81 (1957)
75. Pešić D., Vukanović V., Marinković S., Marinković M., Spectrochemical determination of impurities in uranium, Bull. Inst. Nucl. Sciences 'B. Kidrič', 7, 71 (1957)
76. Dogramadži N., radak V., Vukanović V., Distribution of hydrogen in deuteromethane in electric discharge at high temperature, Bull. Inst. Nucl. Sciences 'B. Kidrič', 8, 85 (1958)
77. Ribnikar S. V., Equilibrium constants of boron isotope exchange reactions, Bull. Inst. Nucl. Sciences 'B. Kidrič', 8, 31 (1958)
78. Knežević Ž. V., Ribnikar S. V., Rastvorljivost bortrifluorida u koncentrovanoj i pušljivoj sumpornoj kiselini, Glasnik Hem. društva Beograd, 23, 247 (1958)
79. Šušić M., Đurđević D., Odvajanje selena, telura i arsena na jonoizmenjivačima, Glasnik Hem. društva Beograd, 23, 313 (1958)
80. Šušić M., Marković M., Polarografsko određivanje zemnoalkalnih metala, Glasnik Hem. društva Beograd, 23, 305 (1958)
81. Šušić M., Polarographic determination of ruthenium, Bull. Inst. Nucl. Sciences 'B. Kidrič', 8, 53 (1958)
82. Šušić M., Đurđević D., Potencijometrijsko i konduktometrijsko određivanje selena i arsena, Glasnik Hem. društva Beograd, 23, 297 (1958)
83. Ribnikar S. V., Bootsman G. A., Separation factors for boron isotope exchange. Boron trifluoride complexes with tetrahydrofuran and triethylamine, Bull. Inst. Nucl. Sciences 'B. Kidrič', 9, 91 (1959)
84. Ribnikar S. V., Knežević Ž. V., Note on the feasibility of the boron fluoride monohydrate process of boron isotope separation, Bull. Inst. Nucl. Sciences 'B. Kidrič', 9, 111 (1959)
85. Ristić S., Vukanović D., Spektrohemijska analiza pepela jedne biljke iz Ohridskog jezera Glasnik Hem. društva Beograd, 22, 347 (1959)
86. Ristić S., Vukanović D., Spektrohemijska analiza uzoraka soli iz Ulcinjske solane, Glasnik Hem. društva Beograd, 23, 349 (1959)
87. Ristić S., Drašković R., The use of radioactive indicators in the study of the beryl crystal lattice, Bull. Inst. Nucl. Sciences 'B. Kidrič', 9, 123 (1959)
88. Ristić S., Lipovac S., Spectrophotometric measurement on natural and irradiated Kunzite, Bull. Inst. Nucl. Sciences 'B. Kidrič', 9, 77 (1959)

1958. Odbranjena prva doktorska disertacija na studijskoj grupi Fizička hemija

1961. Preseljenje u novo izgradjenu zgradu na Studentskom trgu



1962. Započinje posleddiplomska nastava, na tri smeru: spektrohemijska, radiohemijska elektrohemija



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89. Savić P., Sur l'accident avec le reacteur de puissance zero du 15 octobre 1958, Bull. Inst. Nucl. Sciences 'B. Kidrič', 9, 1 (1959)
90. Vukanović V., Beitrag zur Kenntnis des 'Carrier Effektes', Rev. Univ. des Mines, 15, 390 (1959)
91. Vukanović V., Über den Einfluss des Elektronendruckes bei Spurenanalysen im Lichtbogen, Chimia, 62 (1959)
92. Ristić S., Marinković M., Samardžić Z., Spektrohemijska analiza jedne antičke statue, Glasnik Hem. društva Beograd, 25, 235 (1960), Veljković S., Milenković S., Concentration of Carrier-Free ^{32}P by Adsorption on Alumina, Bull. Inst. Nucl. Sciences 'B. Kidrič', 10, 61 (1959)
93. Veljković S., Milenković S., Separation of ^{32}P from ^{35}S and from Other Anions on MgO , Bull. Inst. Nucl. Sciences 'B. Kidrič', 10, 71 (1959)
94. Veljković S., Stevović J., Stabilization of the Colloidal ^{198}Au , Bull. Inst. Nucl. Sciences 'B. Kidrič', 10, 75 (1959)
95. Biegeleisen J., Ribnikar S. V., Van Hook W. A., Molecular Geometry and the Vapor Pressure of Isomeric Molecules, J. Am. Chem. Soc., 83, 2956 (1961)
96. Zmbov K. F., Ribnikar S. V., Note on the mass spectra and structure of the alkoxydifluoroboranes, Bull. Inst. Nucl. Sciences 'B. Kidrič', 11, 145 (1959)
97. Biegeleisen J., Ribnikar S. V., Structural effect in the vapor pressure of isotopic molecules 18-O and 15-N substitution in N_2O , J. Chem. Phys., 35, 1397 (1961)
98. Ristić S., Premaru A., Marinković S., Marinković M., Jedan zanimljiv slučaj primene spektrohemijske analize u kriminalističke svrhe, Glasnik Hem. društva Beograd, 25, 283 (1961)
99. Ristić S., Marković M., Izotopski odnosi kod urana i problem njegovog spektrohemijskog određivanja, Glasnik Hem. društva Beograd, 25, 161 (1961)
100. Savić P., O nastanku rotacije sistema i pojedinih nebeskih tela, Glas SANU CCXLV, 22, 37 (1961)
101. Savić P., Kašanin R., Ponašanje materijala pod visokim pritiscima, Glas SANU CCXLIX, 22, 279 (1961)
102. Veljković S., Harbottle G., Recoil-Atom Reactions at Low Temperature, Nature, 191, 1287 (1961)
103. Veljković S., Harbottle G., Low-temperature Investigations of the Szilard-Chalmers Reaction in Potassium Permanganate, J. Inorg. Nucl. Chem. 23, 159 (1961)
104. Maksimović Z.B., Čeranić T., Marinković M., Chemical and radiochemical analysis and purification of the heavy water taken from the RA reactor, Bull. Inst. Nucl. Sciences 'B. Kidrič', 13, 19 (1962)
105. Cuker E. F., Ribnikar S. V., Tieftemperatur-Austauschdestillation des Dimethylather-Chlorhydrates, Kernenergie, 5, 261 (1962)
106. Šušić M., The polarographic behaviour of tungsten in an oxalic acid solution, Bull. Inst. Nucl. Sciences 'B. Kidrič', 13, 9 (1962)

107. Šušić M., The possibility of spectrophotometric determination of titanium and vanadium in the organic phase after extraction with amines, Bull. Inst. Nucl. Sciences 'B. Kidrič', 13, 183 (1962)
108. Ševković N., Veselinović D., Stojanović N., Potencijometrijsko određivanje hlorida u ribljem brašnu, Acta Veterinaria, 12, 49 (1962)
109. Veljković S., Harbottle G., Low-temperature Studies of Recoil Reactions, J. Inorg. Nucl. Chem., 24, 1517 (1962)

1963–1973.

110. Mioč D., Taboury F.J., Spectre infrarouge et dimorphism de derive halogenes en position(4) du nitro(1) naphtaline, Compt. Rend., 256, 4874 (1963)
111. Bigeleisen J., Ribnikar S. V., Van Hook W. A., Molecular geometry and the vapor pressures of the isotopic molecules. The equivalent isomers cis-, gem-, and trans-dideuteroethylenes, J. Chem. Phys., 38, 489 (1963)
112. Bigeleisen J., Ribnikar S. V., Stern M. J., Van Hook W. A., Molecular geometry and the vapor pressures of the isotopic ethylenes: Chemical and structural isomers, J. Chem. Phys., 38, 60 (1963)
113. Pupezin J. D., Knežević Ž. V., Ribnikar S. V., The ammonia-dimethyl ether liquid – vapor equilibrium, Glasnik Hem. društva Beograd, 28, 523 (1963)
114. Šušić M., The extraction of metal complexes with organic acids by means of amine: the extraction of uranium and titanium complexes, Bull. Inst. Nucl. Sciences 'B. Kidrič', 14, 27 (1963)
115. Šušić M., Maksimović Z. B., Extraction of 95-(Zr, Nb) from oxalic acid solution by means of tri-isooctyl amine, Bull. Inst. Nucl. Sciences 'B. Kidrič', 14, 135 (1963)
116. Šušić M., Titanium complexes with ascorbic acid and their stability constants, Bull. Inst. Nucl. Sciences 'B. Kidrič', 14, 125 (1963)
117. Antić-Jovanović A., Jeremić M., Spectrophotometric investigations of crystallohydrates and crystallodeuterates of some transition elements and their solutions in H₂O and D₂O, Glasnik Hem. društva Beograd, 29, 13 (1964)
118. Ribnikar S. V., Pupezin J. D., Knežević Ž. V., Cuker E., Dokić V., A search for low temperature systems suitable for exchange distillation, Abhandl. Deut. Akad. Wiss. Berlin, Kl. Chem. Geol. U. Biol., 7, 155 (1964)
119. Ristić S., Baranac J., Uticaj pH-vrednosti rastvora na apsorpcione spektre pelargonidola, delfinidola i malvinozida, Glasnik Hem. društva Beograd, 29, 283 (1964)
120. Ristić S., Georgijević V., Refractometric Investigation of 2-2 bis(p-chlorophenyl) 1-1-1-trichloroethane (p-p'-DDT.a) in various organic solvents, III, Glasnik Hem. društva Beograd, 29, 5 (1964)

121. Savić P., Kašanin R., Ponašanje materijala pod visokim pritiscima. II. Modeli sfernih nebeskih tela na 0 stepeni K, Glas. SANU CCLIX, 25, 105 (1964)
122. Šušić M., Veselinović D., Sužnjević D. S., The reaction between sodium tungstate and L-ascorbic acid, Glasnik Hem. društva Beograd, 29, 121 (1964)
123. Šušić M., Veselinović D., Sužnjević D. S., Reakcija organskih I neorganskih monobaznih kiselina sa natrijumvolframatom. I pH-metrijska I konduktometrijska istraživanja, Glasnik. Hem. društva Beograd, 29, 311 (1964)
124. Šušić M., Radak V. M., Veselinović D., Petranović N. A., The separation of uranium from some cations on a column with 4A-type molecular sieve as an ion-exchanger, Bull. Inst. Nucl. Sciences 'B. Kidrič', 15, 1 (1964)
125. Ševković N., Stojanović N., Veselinović D., Perkućin R., Basarić Lj., Hemijski sastav nekih mineralnih materija u hrani sa porudžja Bačke, Acta Veterinaria, 14, 85 (1964)
126. Veljković S., Milašin N., Radiation Damage in Molibdenium and Tungsten in High Neutron Fluxes, Bull. Inst. Nucl. Sciences 'B. Kidrič', 15, 63 (1964)
127. Veselinović D., Sužnjević D. Ž., Šušić M. V., Reakcije organskih I neorganskih monobaznih kiselina sa natrijumvolframatom. II. Određivanje konstante polimerizacije heksavolframatnog polianjona, Glasnik Hem. društva Beograd, 29, 321 (1964)
128. Antić-Jovanović A., Ristić S., Spectrochemical behavior of lithium in various flames, Rev. Roum. Chim., 10, 755 (1965)
129. Gal I., Perić-Petranović N., The separation of some bivalent and tervalent cations on zirconium phosphate columns, Microchim. Acta., 2, 251 (1965)
130. Ristić S., Antić-Jovanović A., Mioč D., The alkali metal content in some Yugoslave beryls with a short outlook on the spectrochemistry and geochemistry of this mineral, Serb. Geochem. Soc., 409 (1965)
131. Savić P., Kašanin R., Ponašanje materijala pod visokim pritiscima. III. Nebeska tela na temperature iznad 0°K, Glas SANU CCLXII, 27, 37 (1965)
132. Stevović J., Jaćimović Lj., Veljković S., The Behaviour of Radioiodine in TeO_2 , J. Inorg. Nucl. Chem., 27, 29 (1965)
133. Veljković S., Milenković S., Ratković M., The Behaviour of Recoil ^{51}Cr in Chromates Deposited on MgO , J. Inorg. Nucl. Chem., 27, 266 (1965)
134. Veselinović D., Šušić M.V., Kompleksna jedinjenja 1-askorbinske kiseline i jona metala I. Kompleksni U, Co, Ni, Mn I Zn u kiseljoj sredini, Glasnik Hem. društva Beograd, 30, 63 (1965)
135. Veselinović D. S., Šušić M. V., Kompleksna jedinjenja 1-askorninske kiseline I jona metala. II. Kompleksi Ca, Pb, Cd I Al u kiseljoj sredini, Glasnik Hem. društva Beograd, 30, 79 (1965)

136. Vukanović V., Georgijević G., Spectral line intensitz differences between arc in a tube and a free burning arc, Bull. Inst. Nucl. Sciences 'B. Kidrič', 16, 23 (1965)
137. Vukanović V., Vajgand V., Todorović M., Ein Verfahren zur spektrochemischen Losunganalyse mit gleichzeitiger elektrolytischer Trennung, Rev. Roum. Chim. 10, 679 (1965)
138. Mioč D., Taboury F. J., Study of the structure of some aromatic disulphides and diselenides by physic-chemical methods, Glasnik Hem. društva Beograd, 31, 211 (1966)
139. Pupezin J., Ribnikar S. V., Knežević Ž., Dokić V., Liquide-vapor equilibrium and thermodynamic properties of the system sulphur dioxide + dimethylether, Bull. Inst. Nucl. Sciences 'B. Kidrič', 17, 297 (1966)
140. Savić P., Kašanin R., Ponašanje materijala pod visokim pritiscima. IV., Glas SANU CCLXV, 29, 25 (1966)
141. Šušić M., Radak V. M., Petranović N. A., Veselinović D. S., Ion exchange equilibria in molecular sieve 4A, Trans. Faraday Soc., 3479 (1966)
142. Šušić M., Radak V. M., The possibility of using the molecular sieve 4A in decontamination of fission product aqueous solution, Bull. Inst. Nucl. Sciences 'B. Kidrič', 17, 243 (1966)
143. Šušić M., Pješić M., Polarographic determination of arsenic in steel, Analyst, 91, 259 (1966)
144. Stojanović N., Veselinović D., Ševković N., The Polarographic Determination of Zinc in Plant Tissues Analyst, 91, 746 (1966)
145. Veljković S., Šćepanović A., Stefanović V., Radiation Damage in Steal with Medium and High Carbon Content, Bull. Inst. Nucl. Sciences 'B. Kidrič', 17, 77 (1966)
146. Veselinović D. S., Šušić M. V., Kompleksna jedinjenja 1-askorbinske kiseline I jona metala. III. Određivanje sastava I konstante stabilnosti kompleksa olova I aluminijuma u kiseloj sredini pH-metrijskim titracijama, Glasnik Hem. društva Beograd, 31, 129 (1966)
147. Veselinović D. S., Šušić M. V., Kompleksna jedinjenja 1-askorbinske kiseline I jona metala. IV. Ispitivanje sastava kompleksa kobalta, nikla, mangana, cinka I kadmiuma u slabokiseloj I alkalnoj sredini, Glasnik Hem. društva Beograd, 31, 229 (1966)
148. Veselinović D. S., Šušić M. V., Kompleksna jedinjenja 1-askorbinske kiseline I jona metala. V. Ispitivanje sastava kompleksa aluminijuma, urana I olova u slabo kiseloj I alkalnoj sredini pH-metrijskim titracijama, Glasnik Hem. društva Beograd, 31, 425 (1966)
149. Vukanović V., Todorović M., Vajgand V., Svilar N., Analiza rastvora na tragove rodijuma kombinovanom elektrolitičkom-spektrohemijskom metodom, Glasnik Hem. društva Beograd, 31, 83 (1966)
150. Marinković M., Antić-Jovanović A., Spectrographic determination of beryllium in its minerals with a gas-stabilized arc, Analyst, 92, 645 (1967)

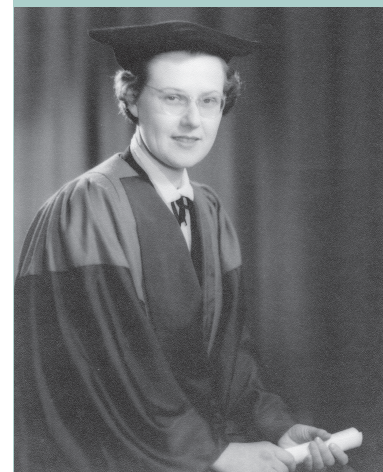
1966–1969. Upravnik Fizičko-hemijskog
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151. Konjević R., Grant W. A., Carter G., Thermal desorption of argon ionically pumped into glass, *Vacuum*, 17, 501 (1967)
152. Mioč D., Mioč U. B., Prilog proučavanju Kristijansenovog efekta u infracrvenim spektrima organskih i neorganskih supstanci, *Glasnik Hem. društva Beograd*, 32, 261 (1967)
153. Mioč D. A., Mioč U. B., Christansen's effect in infrared spectra of organic and inorganic substances, *Bull. Chem. Soc. Belgrade*, 32, 261 (1967)
154. Mioč D., Mioč U. B., Prilog proučavanju Kristijansenovog efekta u infracrvenim spektrima čvrstih supstanci pri identifikaciji traka, *Glasnik Hem. društva Beograd*, 32, 267 (1967)
155. Ristić S., Baranac J., La Fluorescence des Anthocyanoles dans les milieux Hyperacides, *J. Chim. Phys.*, 64, 191 (1967)
156. Ristić S., Baranac J., Prilog spektrohemijskog razlikovanja hibridnih antocijanida, *Glasnik Hem. društva Beograd*, 32, 137 (1967)
157. Ristić S., Baranac J., Muk A., Ispitivanje ponašanja katjonskog oblika peralgonidola u hiperacidnim sredinama, *Glasnik Hem. društva Beograd*, 32, 153 (1967)
158. Ristić S., Antić-Jovanović A., Mioč D., Jeremić M., Uticaj stranih primesa na spektrohemijske i kristalohemijske osobine berila, *Glasnik Hem. društva Beograd*, 32, 25 (1967)
159. Milenković M., Veljković S., Recoil Processes of Chromium-51 in K_2CrO_4 Mixed with Alkali Halides, *Radiochim. Acta*, 8, 146 (1967)
160. Vukanović V., Georgijević G., The use of the external magnetic fields in spectroscopic analyses of traces in d.c. arc, *Zeit. Anal. Chem.*, 225, 137 (1967)
161. Ristić S., Baranac J., Les spectres d'absorption et de fluorescence de 2-hydroxychalcene dans les differents solvents, *XIV Coll. Spectrosc. Inter., Debrecen*, p. 219 (1967)
162. Antić-Jovanović A., Pešić D. S., Gaydon A. G., The spectrum of CuO: study of the orange-red system by use ^{18}O , *Proc. Roy. Soc. London* 1, 307, 399 (1968)
163. Konjević R., Grant W. A., Carter G., Ion pumping effect in inert gas mixtures in an ionization tube, *Vacuum*, 18, 511 (1968)
164. Konjević R., Grant W. A., Carter G., Ion impact desorption of hydrogen from glass, *Vacuum*, 18, 559 (1968)
165. Bigeleisen J., Brooks F. P., Ishida T., Ribnikar S. V., Cryostat for thermal measurements between 2-300 K, *Rev. Sci. Instr.*, 39, 353 (1968)
166. Šušić M., Pješić M., Redukcija arsena(III) na kapljućoj živinoj elektrodi, *Glasnik Hem. društva Beograd*, 33, 303 (1968)
167. Stanković S., Veljković S., Upotreba kompleksirajućih jedinjenja kao zaštitnih sredstava pri komunikaciji organskih membrane, *Acta Veterinaria*, 18, 203 (1968)

168. Bogdanović E. M., Veljković S., L analyse radiochimique des composés du zinc après irradiation en pile, *Radiochim. Acta*, 11, 94 (1968)
169. Antić-Jovanović, A., Pešić D. S, Emission spectra of CuOH and CuOD in the region 5100-5600 Å and 6100-6300 Å, *Glasnik Hem. društva Beograd*, 34, 5 (1969)
170. Konjević R., Farrell G., Grant W. A., Influence of the wall potential of pumping effect in an ionization gauges, *Vacuum Sci. Technol.*, 6, 413 (1969)
171. Ristić S. M., Mioč D. A., Jovanović A. M., Jeremić M. G., Influence of foreign incorporation on the spectrochemical and crystallochemical properties of beryl, *Glasnik Hem. društva Beograd*, 32, 25 (1969)
172. Mioč U. B., Condition of the Application of Arc-Excited Swan Bands in quantitative spectrochemical Analysis, *Glasnik Hem. društva Beograd*, 34, 251 (1969)
173. Mioč U. B., Proučavanje uslova za primenu Swanovih traka, dobivenih ekscitacijom u luku, u kvantitativnoj analizi, *Glasnik Hem. društva Beograd*, 34, 251 (1969)
174. Mioč U. B., Spectrographic Determination of ^{13}C by Arc Excitation, *Glasnik Hem. društva Beograd*, 34, 305 (1969)
175. Mioč U. B., Spektrografsko određivanje ugljenikovog izotopa mase-13 ekscitacijom u luku, *Glasnik Hem. društva Beograd*, 34, 305 (1969)
176. Petranović N., Šušić M., Adsorption and Ion Exchange Phenomena on Synthetic Zeolite 4A in Alkali Nitrate Melt, *J. Inorg. Nucl. Chem.*, 31, 551 (1969)
177. Šušić M., Vučelić D., Karaulić D., Paušak S., Investigation of propylene sorption on zeolites 4A, 5A and 13X by NMR method, *Surf. Sci.*, 18, 204 (1969)
178. Šušić M., Vučelić D., Paušak S., Karaulić D., Milaković-Vučelić V., Nuclear magnetic resonance method for the determination of specific surface area. Study of the state of adsorbed polar vapors on zeolite Linde 5A, *J. Phys. Chem.*, 73, 1975 (1969)
179. Šušić M., Ghonaim A., Polarographic behavior of titanium(IV) in the presence of diethylenetriaminepenta-acetic acid DTPA, *Glasnik Hem. društva Beograd*, 34, 481 (1969)
180. Šušić M., Vučelić D., Paušak S., Karaulić D., Sorption of gases and vapors on synthetic zeolite, *Glasnik Hem. društva Beograd*, 34, 17 (1969)
181. Jačimović Lj., Veljković S., Ajdačić N., Adsorption of Phosphates on Aluminium Irradiation by Neutrons and gamma-Rays, *Radiochim. Acta*, 12, 49 (1969)
182. Vukanović D., Vukanović D., On the behavior of hydrogen isotopes in d.c. arc plasma, *Spectrochim. Acta*, 24B, 579 (1969)
183. Vukanović V., Georgijević V., Vukanović D., Todorović D., Application possibilities of d.c. arc in unhomogeneous magnetic field for spectrochemical purposes, *Spectrochim. Acta*, 24B, 515 (1969)

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184. Antić Jovanović A., Bojović V., Marinković M., Lowering detection limits in flame photometry by means of modulation of the aerosol supply, *Spectrochim. Acta*, 25B, 405 (1970)
185. Cotton F. A., de Boer B. G., Jeremić M., Definitive Structure Characterisation of the Octabromidirehnate(III) Ion, *Inorg. Chem.*, 9, 2143 (1970)
186. Shara M., Šentjarc M., Milenković M., Veljković S., E.S.R. Measurements of Irradiated Anion Doped Potassium Chromate, *J. Inorg. Nucl. Chem.*, 32, 369 (1970)
187. Veljković S., The Annealing Kinetics of Recoil Atoms in Solids, *Phil. Mag.*, 21, 627 (1970)
188. Veselinović D., Rajković Lj., Sužnjević D., Die untersuchung der schwerlöslichen verbindungen der Athylenditiodiessig saure mit Kupfer(II), Quecksilber(II) und Silber(I), *J. Electroanal. Chem.*, 28, 375 (1970)
189. Georgijević V., Todorović M., Vukanović V., The influence of geometry of external magnetic field on spectral line intensities of traces in D.C. arc plasma, *Izvestia BAN*, 21, 63 (1971)
190. Radak V. M., Šušić M. V., Ion Exchange Equilibria in Synthetic Zeolite 4A in a Mixed Solvent System, *J. Inorg. Nucl. Chem.*, 33, 1927, (1971)
191. Šušić M., Petranović N. A., Mioč A., The properties of zeolite 4A treated in molten salts, *J. Inorg. Nucl. Chem.*, 33, 2667 (1971)
192. Milenković S., Bingulac S., Veljković S., Reaction Models for the Annealing of Atoms in Solids, *J. Inorg. Nucl. Chem.*, 33, 1137 (1971)
193. Veselinović D., El Inany G., Spectrophotometric Investigation of the Cooper-Hydroquinone Complex in an Acidic Medium, *Glasnik Hem. društva Beograd*, 36, 165 (1971)
194. El Inany G., Veselinović D. S., Polarographic Behaviour of Uranium in Solutions of Hydroquinone, *Glasnik Hem. društva Beograd*, 36, 345 (1971)
195. El Inany G., Veselinović D. S., Complex Compounds of Molybdenum in Concentrated Sulphuric Acid in the Presence of Quinol, *J. Electroanal. Chem.*, 32, 437 (1971)
196. Vukanović V., Ikononov N., Pavlović B., The effect of the plasma composition on characteristics of d.c. arc. I General discussion of the effect on the chemical reaction, *Spectrochim. Acta*, 26B, 95 (1971)
197. Pavlović B., Vukanović V., Ikononov N., The effects of the plasma composition on characteristics of the d.c. arc. Arc in argon and arc in nitrogen with water vapour, *Spectrochim. Acta*, 26B, 109 (1971)
198. Tripković M., Vukanović V., Einfluss der Anionen bei Spectrochemischer Spurenanalyse im Lichtbogen, *Spectrochim. Acta*, 26B, 131 (1971)
199. Vukanović V., Anwendung von Fremdmagnetfeldern bei spektrochemischen Spurenanalysen in Lichtbogen, *Izvestija BAN*, 21, 91 (1971)

200. Vučelić D., Šušić M., Zupančić I., Hunter M., Scalar spin-spin interaction in Solid with Paramagnetic Impurities, *J. Chem. Phys.*, 55, 4152 (1971)
201. Vučelić D., Šušić M., Karaulić D., Deviation of Polar Molecular Sorption from the BET Theory, *Glasnik Hem. društva Beograd*, 36, 243 (1971)
202. Vučelić D., Šušić M., Karaulić D., Traces of Superparamagnetism in Crystals of Zeolite A, *Glasnik Hem. društva Beograd*, 36, 337 (1971)
203. Bojović V., Antić-Jovanović A., The use of a novel simple modulation technique in flame Spectrometry, *Spectrochim. Acta*, 27B, 385 (1972)
204. Cotton F. A., Jeremić M., Shaver A., Boron-Hydrogen Molybdenum Bridge Bonding in the So-called Sixteen Electron Complex(Dihydrobis-(3,5-Dimethyl-1-pyrazolil)borate/(Trihaptocycloheptatrienyl) dicarbonyl molybdenum in the Crystal, *Inorg. Chim. Acta*, 6, 543 (1972)
205. Cotton F. A., Calderon J. L., Jeremić M., Shaver A., Attainment of an Eighteen-Electron Configuration by Means of Hydrogen Bonding in a Purposed Sixteen-Electron Pyrazolylborate Complex of Molybdenum; The structure of (3,5-Dimethyl-pyrazolylborate)-(dicarbonyl-trihaptocycloheptatrienyl)-Molybdenum, *J. Chem. Soc. Chem. Comm.*, 777 (1972)
206. Mioč D. A., Mioč U. B., Anić S. R., Application of effects of anomalous dispersion in refratometric measurments. III. Liquid-solid System, *Glasnik Hem. društva Beograd*, 37, 111 (1972)
207. Mioč D. A., Mioč U. B., Application of effects of anomalous dispersion in refratometric measurments. IV. System of two solids, *Glasnik Hem. društva Beograd*, 37, 119 (1972)
208. Radak M. V., Thermodynamyc Considerations on the Cation Exchange on Zeolite 4A in the Systems Methanol, Methanol-Water and Water, *J. Inorg. Nucl. Chem.*, 34, 1059 (1972)
209. Ribnikar S. V., Dokić V., A study of molecular interactions in liquid mixtures of dimethyl ether and sulfur dioxide by infrared and NMR spectroscopy, *Glasnik Hem. društva Beograd.*, 37, 215 (1972)
210. Šušić M., Pješić M., Polarographic behavior of arsenic(III) in alkaline solutions, *Electroanal. Interfac. Electrochem.*, 34, 535 (1972)
211. Šušić M., Petranović N., Miočinović B., Investigation of occluded and nonoccluded synthetic zeolite, *J. Inorg. Nucl. Chem.*, 34, 2349 (1972)
212. Jaćimović Lj., Stevović J., Veljković S., Kinetics of Adsorbtion of Mineral Acids on Alumina, *J. Phys. Chem.*, 76, 3625 (1972)
213. Vučelić D., Šušić M., Hunter M., Žegarac S., An NMR method for determination of the static magnetic susceptibility of solids without resonant nuclei, *J. Phys. D., App. Phys.*, 5, 1499 (1972)
214. Vučelić D., Stamatović A., Todorović U., A Suppliment for the Baseline Interpolation in DTA and DSC Quantitative of Slow Processes, *J. Therm. Anal.*, 4, 479 (1972)

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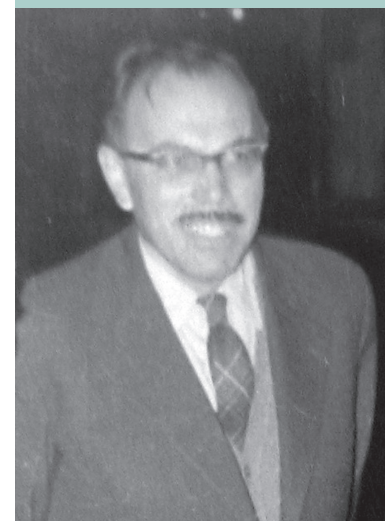
1973–1975. Upravik Instituta za fizičku hemiju: Slobodanka Veljković

1975–1977. Upravik Instituta za fizičku hemiju: Dragan Veselinović

1973–1978.

215. Antić-Jovanović A., Pešić D. S., Rotational analysis of the 0,0 band of the orange-red system of $^{63}\text{Cu } ^{16}\text{O}$, J. Phys. B; Atom. Mol. Phys., 6, 2475 (1973)
216. Čeranić T., Šarunac L., Properties of cobaltous potassium hexacyanoferrate(II). I. Synthesis and solubility in water, Glasnik Hem. društva Beograd., 38, 521 (1973)
217. Konjević R., Jovičić J., Konjević N., Čirković Lj., Time resolved spectroscopy of rhodamine dye laser, Fizika, 5, 17 (1973)
218. Konjević R., Konjević N., Coaxial, glass flashtube for organic dye laser, Fizika, 5, 49 (1973)
219. Konjević R., Konjević N., Dye Laser for absorption trace analysis of sodium, Spectrosc. Lett., 6, 177 (1973)
220. Radak V., Gal I., Radak B., Heats of immersion of some ion-exchanged A and X zeolites of divalent cations, Thermochim. Acta, 5, 311 (1973)
221. Maksimović Z. B., Mikša-Spirić A., Ribnikar S. V., An NMR determination of constants of association in Chloroform-dialkyl ketone solutions, J. Inorg. Nucl. Chem., 35, 1239 (1973)
222. Vukmirović Z. B., Ribnikar S. V., Carbon isotope effects in the predissociation spectrum of phosgene, Glasnik Hem. društva Beograd, 38, 499 (1973)
223. Ribnikar S. V., Pucić O., Šukarova B. N., Anharmonicity of the carbon dioxide molecule in solutions of acetylene and carbon tetrachloride, Glasnik Hem. društva Beograd, 38, 519 (1973)
224. Ribnikar S. V., Pužić O. S., The infrared spectrum of carbon disulphide in liquid and dissolved states: Anharmonicity of the carbon disulphide molecule in the liquid, Spectrochim. Acta, 29A, 307 (1973)
225. Šušić M., Marković D.A., Hercigonja N. N., The polarographic behaviour of metal ions in molten $\text{LiNO}_3\text{-KNO}_3$ eutectic in presence of complexon III, Electroanal. Chem. Interfac. Electrochem., 41, 119 (1973)
226. Šušić M., Pješić M., Polarografsko ponašanje As(III) u alkalnoj sredini u prisustvu hloridnih jona, Glasnik Hem. društva Beograd, 38, 555 (1973)
227. Vučelić D., Hunter M., Phase Transition in Boundary Layers, Chem. Phys. Lett., 19, 448 (1973)
228. Vučelić D., Vučelić V., Juranić N., Quantitative Determination of Specific Heat By Differential Scanning Calorimetry, J. Therm. Anal., 5, 459 (1973)
229. Čeranić T. S., Properties of cobalt(II) potassium hexacyanoferrate(II). II. Thermal behaviour and structure, Glasnik Hem. društva Beograd, 39, 285 (1974)
230. Čeranić T. S., Properties of cobalt(II) potassium hexacyanoferrate(II). III. Ion exchange of cesium, Glasnik Hem. društva Beograd, 39, 365 (1974)

231. Georgijević V., Todorović M., Vukanović V., Mogućnost korišćenja većih struja luka u magnetskom polju kod spektrohemijskih analiza, Glasnik Hem. društva Beograd, 39, 465 (1974)
232. Konjević R., Konjević N., Coaxial glass Flachlamp and dye laser system, Fizika, 6, 61 (1974)
233. Urošević V. V., Mioč D., Popović M., Metode merenja spektralne radijacije, Metrologija, 2, 1 (1974)
234. Petranović N., Šušić M., Surface Phenomena on Zeolite A in Molten Salt Media-1. Mechanism of Bivalent Cation Exchange Through Metal-Nitrate Complex Formation in the Zeolite Cages, J. Inorg. Nucl. Chem., 36, 1381 (1974)
235. Petranović N., Šušić M., Miočinović B., The Kinetics of Ion Diffusion in a Heteroionic Zeolite at High temperatures, J. Inorg. Nucl. Chem., 36, 1387 (1974)
236. Miljević N. R., Pupezin J. D., Ribnikar S. V., Van Hook W. A., Isotope effect in the distillation of ethanol azeotropes, Glasnik Hem. društva Beograd, 39, 331 (1974)
237. Šušić M., Mentus S., Milaković-Vučelić V., An Investigation of the system methanewater-type A zeolites, Glasnik Hem. društva Beograd, 39, 265 (1974)
238. Milenković S., Veljković S., The E.S.R. and Chemical Behaviour of Irradiated Anion Doped Potassium Chromate, J. Inorg. Nucl. Chem., 36, 683 (1974)
239. Jačimović Lj., Stevović J., Veljković S., Galonja M., Adsorption of Mineral Acids on Alumina Irradiated in the Nuclear Reactor, Isotopen praxis, 10, 224 (1974)
240. Veselinović D. S., Marković D., Mirjanić M., Electroconductivity and Viscosity of 1.4-Benzendiol and Hydroxybenzene Solutions in Concentrated Sulphuric Acid, Glasnik Hem. društva Beograd, 53, 468 (1974)
241. Rakelić M., Vukanović V., Temperature distribution in a d.c. free burning arc in nitrogen with and without adding of Li_2CO_3 , Appl. Spectrosc., 28, 244 (1974),
242. Simić M. M., Vukanović D. D., Vukanović V. M., Engine varianten des wagerechten Lichtbogens in graphitzylinder, J. Eng. Phys. Beograd, YI, 27 (1974)
243. Vukanović V. M., Simić M. N., Vukanović D. D., A new type of d.c. arc as spectrochemical light source, Spectrochim. Acta, 29B, 33 (1974)
244. Georgijević J., Vukanović V. M., Todorović M. S., Electron density in DC Arc Plasma in the Magnetic Field and Spectrochemical Determination of Traces, Glasnik Hem. društva Beograd, 39, 473 (1974)
245. Rybarova Ž., Todorović M., Vukanović V., The Influence of Matrix Anion on Characteristics of the Arc Plasma and on Spectrochemical Determination, Appl. Spectrosc., 28, 238 (1974)
246. Todorović M., Rekalic M., Ikonov N. I., Pavlović B., Vukanović V., Investigations of the Arc Burning in the Water Vapour Atmosphere, Beit. Plasma Physik, 15, 333 (1974)
247. Pješčić M., Šušić M., Minić D., Reduction of Sb(III) on the Mercury Electrode, Electroanalytical Chem. Interfac. Chem., 57, 429 (1974)



Profesor Vladimir Vukanović



248. Cotton F.A., Jeremić M., Structural and Prep. Characterisation of Tungsten(II) Carboxylates, *Synth. Inorg. Metal-Org. Chem.*, 1, 265 (1975)
249. Kolar-Anić Lj., Veljković S., Kapor S., Dubljević B., Weibull distribution and kinetics of heterogeneous processes, *J. Chem. Phys.*, 63, 663 (1975)
250. Kolar-Anić Lj., Veljković S., Statistical foundations of heterogeneous kinetics, *J. Chem. Phys.*, 63, 669 (1975)
251. Radenović Č., Krsnik-Furtula V., Penčić M., Vučinić Z., Vesković M., Theory of Ion-Selective Electrodes and the Possibilities of their Application in Investigation of Maize Mineral Nutrition, *Zemljište i biljka*, 24, 199 (1975)
252. Macura S., Juranić N., Vučelić D., Oblik NMR linija sorbovanih molekula: benzol, *Glasnik Hem. društva Beograd*, 40, 213 (1975)
253. Macura S., Šušić M., Vučelić D., Aparatura za određivanje dvojnog električnog sloja: Dvojni električni sloj na tantalum, *Glasnik Hem. društva Beograd*, 40, 513 (1975)
254. Mentus S., Šušić M., The electric conductivity of molten HgI_2 - $HgBr_2$ and HgI_2 - SbI_3 binary mixtures, *Z. Naturforsch.*, 30a, 312 (1975)
255. Mentus S., Šušić M., The electric conductivities and densities of molten $SnCl_2$ - $ZnCl_2$ binary mixtures, *Z. Naturforsch.*, 30a, 797 (1975)
256. Mioč U. B., Petranović N., Ethylamine Behavior on 3A Zeolite Surface, *J. Phys. Chem.*, 79, 1476 (1975)
257. Perić J., Vukanović V. M., Ispitivanje uticaja amonijum fluorida na intenzitete spektralnih linija, *Glasnik Hem. društva Beograd*, 40, 201 (1975)
258. Perić M. N., Todorović P. S., Vukanović V. M., Determination of the diffusion coefficient of substances in the plasma of a d.c. arc using photometric method, *Spectrochim. Acta*, 30B, 21 (1975)
259. Perić M. N., Todorović P. S., Vukanović V. M., Transport des CaO in Lichtbogenplasma, *Z. Anal. Chem.*, 274, 109 (1975)
260. Petranović N., Inclusion Complexes of Zeolite in Alkali Halide Melts, *J. Inorg. Nucl. Chem.*, 37, 284 (1975)
261. Radić-Perić J., Vukanović V. M., Formation of CaF and AlF in the arc plasma and spectrochemical determination of Ca and Al, *Z. Anal. Chem.*, 274, 177 (1975)
262. Radić-Perić J., Perić M. N., Vukanović V. M., Formation and transport of CaF in dc arc plasma, *Fizika*, 7, 105 (1975)
263. Šukarova B. N., Ribnikar S. V., Vibrational anharmonicity of carbon disulphide molecules in solution, *Glasnik hem. Tehnol. Makedonija*, 2, 11 (1975)

264. Savić P., Trifunović D., Foldmodell a nagy nyomas alatt allo anyagok elmelete alapjan, Magyar Tudomany Akademiai X. Osztalyanak Koylemenyei, 8, 159 (1975)
265. Savić P., Sur l'origine de la rotation des corps celesten, Praktika tes Akademias Athinon, 49, 447 (1975)
266. Šušić M., Anodni oksidni filmovi na tantalu i tantalski kondenzatori sa čvrstim elektrolitima, Glasnik Hem. društva Beograd, 40, 619 (1975)
267. Milonjić S. K., Ruvarac A. Lj., Šušić M., The heat of immersion of natural magnetite in aqueous solution, Thermochim. Acta, 11, 261 (1975)
268. Šušić M., Mentus S., Vučelić D., Investigation of the concentration time in gas chromatography, Glasnik Hem. društva Beograd, 40, 255 (1975)
269. Šušić M., Pješić M., Reduction of As(III) in acidic medium in presence of chloride ions, Glasnik Hem. društva Beograd, 40, 391 (1975)
270. Šušić M., Mentus S., The viscosity and structure of molten ZnCl_2 and ZnBr_2 , J. Chem. Phys., 62, 744 (1975)
271. Vukanović V., Todorović P. S., Mihailidi T. A., Todorović M., Pavlović B., Investigation of convection in d.c. arc, Fizika 2, 95 (1975)
272. Vukanović V., Todorović M. S., Todorović P. S., Mihailidi T. A., A new equipment for mass transport study in a free burning d.c. arc in air, Spectrochim. Acta, 30, 31 (1975)
273. Simić M. M., Vukanović D. D., Teilchendichteverteilung von Bi Mg in waagerechten Gleichstrombogen im Graphytzylinder, J. Eng. Phys. Beograd, 12, 13 (1975)
274. Živanović M. K., Labat O., Vukanović V. M., Todorović M. S., Određivanje temperature plazme is odnosa intenziteta spektralnih linija Cu i Bi, Glasnik Hem. društva Beograd, 40, 285 (1975)
275. Vučelić D., Juranić N., Macura S., Šušić M., Electrical Conductivity of Dehydrated Zeolites, J. Inorg. Nucl. Chem., 37, 1277 (1975)
276. Juranić N., Karaulić D., Vučelić D., An Apparatus for simultaneous Determination of Electrical Conductivity and Thermogravimetry of Solid Systems, J. Therm. Anal., 7, 119 (1975)
277. Đuričić M., Jorgović-Kremzer J., Bojović T., Minić D., Određivanje stipse u konzervisanim krastavcima i primena propisa o kvalitetu proizvoda Tehnologija voća i povrća, 10, 21 (1975)
278. Antić-Jovanović A., Bojović V., Pešić D. S., A new electronic band system of MgO in the ultraviolet region, J. Phys. B: Atom. Mol. Phys., 9, 575 (1976)
279. Antić-Jovanović A., Pešić D. S., Bojović V., On the MgO bands of the E(nal)epsilon-X(nal)epsilon system, J. Mol. Spectrosc., 60, 416 (1976)
280. Dondur V., Vučelić D., Juranić N., Determination of Elementar Kinetic Processes by an Analysis of Complex Experimental DTG, DSC and EGA Curves, Glasnik Hem. društva Beograd, 41, 91 (1976)

281. Dondur V., Vučelić D., Algorithm for Computation of Kinetic Parameters for results of DSC, DTG and EGA Analysis, Glasnik Hem. društva Beograd, 41, 11 (1976)
282. Dondur V., Vučelić V., Vučelić D., Šušić M., An Analysis of Elementarz Processes of Water Desorption from Zeolites Type A, Part I: Zeolites with Monovalent Counterions, Thermochim. Acta, 14, 349 (1976)
283. Vučelić V., Dondur V., Vučelić D., An Analysis of Elementarz Processes of Water Desorption from Zeolites Type A, Part II: Zeolites with Bivalent Counterions, Thermochim. Acta, 14, 341 (1976)
284. Marković D., Veselinović D., Vučelić D., Molybdenium and Hydroxybenzene Complexes in Concentrated Sulphuric Acid, J. Electronal. Chem., 73, 109 (1976)
285. Buenker R. J., Peyerimhoff S. D., Perić M. N., Ab initio vibrational analysis of the Schumann-Runge bands and the neighboring absorption region of molecular oxygen, Chem. Phys. Lett., 42, 383 (1976)
286. Petranović N., Šušić M., Krstanović I., Structural Change in the Zeolite Inclusion Complex Throught High Temperature Treatment Denitrated Zeolite, J. Inorg. Nucl. Chem., 38, 335 (1976)
287. Radak V. M., Gal I. J., Salai J. J., Isotopic Exchange Kinetics of Zink Ions in ZnA Zeolite, J. Chem. Soc., Farad. Trans., 72, 1150 (1976)
288. Tripković J. F., Vukmirović Z. B., Dokić V. R., Ribnikar S. V., Distribution of tritium in multicomponent system, Glasnik Hem. društva Beograd, 41, 165 (1976)
289. Vukmirović Z. V., Dokić V. R., Matić M. D., Ribnikar S. V., Kinetic isotope effects in the heterogeneous exchange of hydrogen and water vapor, Glasnik Hem. društva Beograd, 41, 1 (1976)
290. Savić P., Anyagok nagz nyomas alatti viselkedesenek elemente es ennek alkalmazasa egitesterke, Mgyar geofizika, 16, 234 (1976)
291. Šušić M., Mentus S., A Conductometric Studz of the Bi-HgI₂ System, Z. Naturforsch., 31a, 777 (1976)
292. Šušić M., Dojčinović M., Electrochemical Behaviour of Ti(IV) in Presence of EGTA and CyDTA, Glasnik Hem. društva Beograd, 41, 359 (1976)
293. Šušić M., Dojčinović M., The Electrochemical Behaviour of U(VI) in Presence of EGTA and CyDTA, Glasnik Hem. društva Beograd, 41, 187 (1976)
294. Šušić M., Minić D., An Electrochemical Investigation of the Ti(IV)-DTPA Complexes, Bull. Acad. Serbe Sci. Arts, 131 (1976)
295. Šušić M., Minić D., Elektrohemijsko ispitivanje kompleksa Ti(IV)-DTPA, Glas SANU, Od. prir.-matem. nauka, 39, 127 (1976)
296. Šušić M., Stanje komponenata i neke fizičko-hemijske osobine rastopljenih soli, Glas SANU, Od. prir.-matem. nauka, 39, 124 (1976)

297. Šušić M., Dojčinović M., A pH-Metric Study of Formation of the Compounds of Ti(IV) with the Complexones CyDTA and EGTA, Bull. Acad. Serbe Sci. Arts., LIV, 131 (1976)
298. Šušić M., Dojčinović M., A pH-Metric Study of Formation of the Compounds of U(VI) with the Complexones CyDTA and EGTA, Glasnik Hem. društva Beograd, 41, 371 (1976)
299. Šušić M., Dojčinović M., pH-metrijsko proučavanje stvaranja kompleksa Ti(IV) sa kompleksonima CyDTA i EGTA, Glas SANU, CCXCVI, Od. prir.-matem. nauka, 39, 115 (1976)
300. Veselinović D.S., Marković D., Polarographic Determination of Nitrate in Concentrated Sulphuric Acid Solutions, J. Electronal. Chem., 71, 221 (1976)
301. Vukanović D., Vukanović V., Simić M., Gallium addition spectrochemical analysis in the horizontal d.c. arc burning in graphite tube, Glasnik Hem. društva Beograd, 41, 269 (1976)
302. Todorović P. S., Vukanović V. M., Simić M. M., Transport velocities of particles in the plasma of a d.c. arc in air, Spectrochim. Acta, 31B, 103 (1976)
303. Vučelić D., Juranic N., The effect of sorption on the ionic conductivity of zeolites, J. Inorg. Chem, 38, 2091 (1976)
304. Todorović P. S., Vukanović V. M., Simić M. M., Perić M. N., Transport velocities of particles in the plasma of a d.c. arc in air, Spectrochim. Acta, 31B, 103 (1976)
305. Holclajtner-Antunović I., Georgijević V., Vukanović V., The axial density distribution of radiation emitted by traces in the plasma of a d.c. arc, Z. Anal. Chem. 280, 353 (1976)
306. Todorović M., Ikononov N., Pavlović B., Rekalic M., Relation Between Chemical Reaction in Plasma and DC Arc Characteristics, Chem. Analit., 22, 897 (1977)
307. Konjević R., Konjević N., Wavelength tuning of nitrogen pumped dye laser, Optics Commun., 23, 187 (1977)
308. Karaulić D., Macura S., Šušić M., Vučelić D., Sorption of methyl iodide on syntetic zeolites. Effective surface areas of sorbed molecules, Glasnik Hem. društva Beograd, 42, 339 (1977)
309. Karaulić D., Juranic N., Macura S., Vučelić D., An Analysis of Proton NMR Relaxation in Water-Zeolite System: The Water-13X Zeolite System, Glasnik Hem. društva Beograd, 42, 667 (1977)
310. Karaulić D., Juranic N., Macura S., Vučelić D., An Analysis of Proton NMR Relaxation in Water-Zeolite System: The Water-4A Zeolite System, Glasnik Hem. društva Beograd, 42, 635 (1977)
311. Mentus S., Šušić M., The electric Conditivity of the molten salt systems HgI_2-BiI_2 and BiI_3-CdI_2 , Z. Naturforsch., 32a, 1003 (1977)
312. Perić M., Peyerimhoff S.D., Buenker R. J., Ab initio calculation of the vibrational structure in the electronic spectra of HCN and DCN between 1700 and 2000 A, Can. J. Chem., 55, 3664 (1977)
313. Perić M., Ab initio calculation of the vibrational energies and wave-functions of triatomic molecules, Mol. Phys., 34, 1675 (1977)

314. Perić M. N., Buenker R. J., Peyerimhoff S. D., Theoretica study of the vibrational structure of the $1(n, \pi^*)$ transition in diimide: potential curves and Franck – Condon analysis, *Can. J. Chem.*, 55, 1533 (1977)
315. Radak B., Matić V., Radak V., A quasi-adiabatic reaction calorimeter for measurements in liquids, *Croat. Chem. Acta*, 49, 25 (1977)
316. Radić-Perić J., Romelt J., Peyerimhoff S. D., Buenker R. J., Configuration interaction calculation of the potential curves for the C_3 molecule in its ground and lowest lying π u states, *Chem. Phys. Lett.*, 50, 344 (1977)
317. Vukmirović Z. B., Ribnikar S. V., Carbon isotope effects in photodissociation of phosgene. I. Photocatalyzed carbon isotope exchange between phosgene and carbon monoxide, *J. Chem. Phys.*, 66, 7 (1977)
318. Draganić I. G., Draganić Z. D., Jovanović S., Ribnikar S. V., Infrared spectral characterization of peptidic material produced by ionizing radiation in aqueous cyanides, *J. Molec. Evolution*, 10, 103 (1977)
319. Bigeleisen J., Fuks S., Ribnikar S. V., Yato Y., Vapor pressures of the isotopic ethylenes. V. Solid and liquid ethylene- d_1 , ethylene- d_2 (cis, trans and gem), ethylene- d_3 and ethylene- d_4 , *J. Chem. Phys.*, 66, 1689 (1977)
320. Marković D. M., Stojković S. R., Ribnikar S. V., Simultaneous infrared bands in liquid carbon disulphide, *Glasnik Hem. društva Beograd*, 42, 493 (1977)
321. Marković D. M., Ribnikar S. V., Simultani vibracioni prelazi u infracrvenim spektrima, *Glasnik Hem. društva Beograd*, 42, 851 (1977)
322. Ristić S., Baranac J., Spiridonović D., Solventohromni efekti na elektronskim apsorpcionim spektrima rubrena, *Glasnik Hem. društva Beograd*, 42, 291 (1977)
323. Ristić S., Baranac J., Empiričke formule za izračunavanje osnovnih spektroapsorpcionih maksimuma antocijanidola i flavilijumskih soli, *Glasnik Hem. društva Beograd*, 42, 367 (1977)
324. Marković D. M., Stojković S. R., Ribnikar S. V., Simultaneous infrared bands in liquid carbon disulphide, *Glasnik Hem. društva Beograd*, 42, 493 (1977)
325. Šušić M., Mentus S., Correlation of electric conductivity with pressure and inter-atomic distance in metal vapour and metal solutions in molten salts, *Bull. Acad. Serbe Sci. Arts*, LX, 17 (1977)
326. Šušić M., Mentus S., The Correlation of electrochemical and structural properties of the binary system of molten salts, *Bull. Acad. Serbe Sci. Arts*, 16, 41 (1977)
327. Šušić M., Simonović B. R., The effect of formation condition on the breakdown voltage of anodic tantalum oxide films, *Bull. Acad. Serbe Sci. Arts*, 15, 1 (1977)
328. Šušić M., Petranović N., The electrochemical behaviour of some forms of synthetic zeolites, *Bull. Acad. Serbe Sci. Arts*, 16, 1 (1977)

329. Šušić M., Fazni prelazi kod materijala pod visokim pritiscima, Glasnik Hem. društva Beograd, 42, 815 (1977)
330. Bulović V., Maksimović Z., Kritil J., Šušić M., Gamma-spectrometric determination of the burn-up of RA reactor fuel. I: Theoretical basis for determination of activity ratios of fission products in nuclear fuel, Jaderna energije, 23, 373 (1977)
331. Bulović V., Maksimović Z., Kritil J., Šušić M., Gamma-spectrometric determination of the burn-up of RA reactor fuel. III: A model of the burn-out process and method of determination of the burn-up of the fuel, Jaderna energije, 23, 456 (1977)
332. Bulović V., Maksimović Z., Kritil J., Šušić M., Gamma-spectrometric determination of the burn-up of RA reactor fuel. II: The determination of activities and activity ratios of some fission products in the fuel, Jaderna energije, 23, 417 (1977)
333. Simonović B.R., Šušić M., The mechanism of formation of anodic oxide films on tantalum under galvanostatic and potentiostatic conditions, Bull. Acad. Serbe Sci. Arts, 15, 13 (1977)
334. Pješčić M., Šušić M., Minić D., Reduction of Bi(III) and a Mercury Electrode in an Acidic Medium, Glasnik Hem. društva Beograd, 42, 715 (1977)
335. Veljković S., Bibović P., Growth and Composition of Al Clusters on NaCl, Vacuum, 27, 141 (1977)
336. Vukanović D., Simić M. M., Nickel H., Mazurkiewicz M., Powderad sample analysis using an arc source in incorporating two plasmas rotating in a graphite tube, Spectrochim. Acta, 32B, 305 (1977)
337. Vučelić D., Ionic conduction Bands of Zeolite Interfaces, J. Chem. Phys., 66, 43 (1977)
338. Juranić N., Čelap M. B., Vučelić D., Malinar M. J., Radivojša P. N., The ^{13}C and ^{59}Co NMR Study of Mixed Ligand Cobalt(III) Complexes Containing Glycinato Ligand, Inorg. Chim. Acta, 25, 229 (1977)

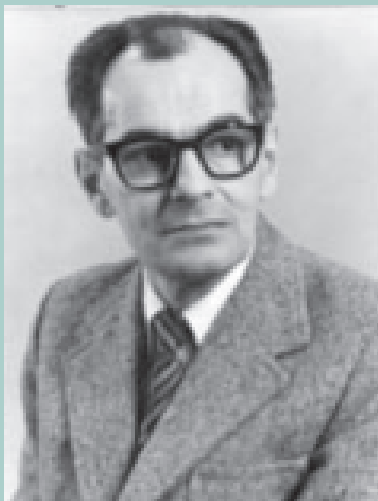
1978–1983.

339. Antunović-Holclajtner I., Vukanović V., Čadež V., Georgijević V., Axial mass transport and distribution of particles in d.c. arc plasma, Spectrochim. Acta, 33b, 649 (1978)
340. Bačić G., Božović B., Ratković S., Proton magnetic relaxation in plant cells and tissues: Effect of external ion concentration on spin-lattice relaxation time (T1) and water content in primary roots of Zea mays, Studia Biophys., 70, 31 (1978)
341. Ratković S., Bačić G., Proton magnetic relaxation in plant cells and tissues: II Nitella cells in LiCl solutions, Studia Biophys., 70, 39 (1978)
342. Čeranić T., Trifunović D., Adamović R., The mechanism of the sorption of monovalent cations on Cobalt(II)-hexacyanoferrate(II), Z. Naturforsch, 33B, 1099 (1978)

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343. Marinković M. S., Čeranić T. S., Mentus S. V., Električna provodljivost kobalt(II)-M-heksacijanoferata(II) ($M = \text{Co}, \text{K}, \text{NH}_4$ ili Cs), Glasnik Hem. društva Beograd, 43, 295 (1978)
344. Jeremić M., Antić-Jovanović A., Bojović V., Copper(II)-Chloramphenicol Complex formation in Methanol Aqueous Solutions, Inorg. Nucl. Chem. Lett., 14, 473 (1978)
345. Konjević R., Konjević N., Laser wavelength dependence upon the concentration of lasing dyes, Fizika, 10, 121 (1978)
346. Macura S., Karaulić D., Vučelić D., Determination of ion exchange degree in zeolites by pulsed ^{23}Na nuclear magnetic resonance, Glasnik Hem. društva Beograd, 43, 37 (1978)
347. Macura S., Juranić N., Vučelić D., Li NMR of the Zeolite Inclusion Complexes LiA-LiNO_3 and LiX-LiNO_3 I. Motional Narrowing of the Line, Fizika, 10, 522 (1978)
348. Karaulić D., Juranić N., Macura S., Vučelić D., The Cyclohexane Mobility in a ^{13}X -Zeolite Cage Examined by the Use of PMR Spectroscopy, Glasnik Hem. društva Beograd, 43, 43 (1978)
349. Juranić N., Karaulić D., Macura S., Vučelić D., ^1H and ^{13}C NMR Study of Sorbed Methanol in a System Methanol- ^{13}X Zeolite, Glasnik Hem. društva Beograd, 43, 537 (1978)
350. Marković D., Jonizacija slabih baza u jakim kiselinama, Glasnik Hem. društva Beograd, 43, 843 (1978)
351. Mentus S., Šušić M., The electric conductivity of molten salt systems $\text{HgBr}_2\text{-BiBr}_3$ and $\text{BiBr}_3\text{-CdBr}_2$, Z. Naturforsch, 33A, 597 (1978)
352. Mioč U. B., Ribnikar S. V., Carbamates of the Lower Aliphatic Amines in Aprotic Solvents. I. Vibrational Spectra, Glasnik Hem. društva Beograd, 43, 603 (1978)
353. Mioč U. B., Ribnikar S. V., Carbamates of the Lower Aliphatic Amines in Aprotic Solvents. II. Conducance, Polarization, Dipole Moments and NMR Spectra, Glasnik Hem. društva Beograd, 43, 725 (1978)
354. Perić M., Buenker R. J., Peyerimhoff S. D., Ab initio CI study of the coupling of small vibrations in the ground and $^1\text{Bg}(\text{npi}^*)$ excited states of N_2H_2 , Mol. Phys., 35, 1495 (1978)
355. Shih S. K., Peyerimhoff S. D., Buenker R. J., Perić M., Calculation of the electron of small affinity and 1A1-3B1 T0 value of methylene using the ab initio MRD CI method for a large basis, Chem. Phys. Lett., 55, 206 (1978)
356. Dimitrijević R., Petranović N., Krastanović I., Šušić M., The Crystal Structure of the Inclusion Complexes of Li, Na, Ag and Pb Nitrates in Zeolite A, Acta Cryst. A, 34, 170 (1978)
357. Radak V., Čeranić T., Živadinović I., Influence of the exchangeable monovalent cations on vibrations of Y zeolite framework, Z. Naturforsch. 33b, 1116 (1978)
358. Radak V. M., Gal I. J., Radulović Hercigonja R., Seidel Dj., Some physical and Chemical Properties of Fe(II)X , Fe(II)Y and Fe(III)Y Zeolites, J. Inorg. Nucl. Chem., 40 75 (1978)

359. Miljanić Š. S., Mijomanović V. Lj., Ribnikar S. V., Structure of infrared ν_2 bands of HDS and HTS, Glasnik Hem. društva Beograd, 43, 133 (1978)
360. Ristić S., Baranac J., Vukelić N., Spiridonović D., Fotometrijsko i spektrohemijsko proučavanje transformacionih reakcija modelskog jedinjenja flavilijumske hromofore, Glasnik Hem. društva Beograd, 43, 401 (1978)
361. Ristić S., Baranac J., Milinković R., Spiridonović D., Les formes de cristilisation de la phase solide du perchlorate de flavylum et ses singularites, Glasnik Hem. društva Beograd, 43, 697 (1978)
362. Savić P., Trifunović D. V., Povedenie materialov pri vysokikh davleniyakh, Glasnik Hem. društva Beograd, 43, 457 (1978)
363. Savić P., Šušić M., The effect of high pressures on the electric conductivity of metals, Bull. Acad. Serbe Sci. Arts LXI, 17, 1 (1978)
364. Milonjić S., Ruvarac A., Šušić M., Adsorption of hydrogen and hydroxide ions at the natural magnetite-aqueous electrolyte interface, Glasnik Hem. društva Beograd, 43, 207 (1978)
365. Šušić M., Petranović N., Bojović V., The electric and thermal properties of solid electrolytes, Fizika, 10, 514 (1978)
366. Šušić M., Petranović N., Ristić M. M., The electric conductivity of some forms of sintered synthetic zeolites, Sci. Sinter., 10, 225 (1978)
367. Šušić M., Petranović N., Minić D., Electrochemical Behaviour of Solid Ionic Conductors Based on Zeolites, Glasnik Hem. društva Beograd, 43, 419 (1978)
368. Šušić M., Petranović N., The electrochemical behaviour of synthetic zeolites. I. The NaA zeolite and NaA*NaNO₃ inclusion complexes, Electrochim. Acta, 23, 1271 (1978)
369. Šušić M., Mentus S., The electrochemical properties of liquid and solid Kag₄J₅, Bull. Acad. Serbe Sci. Arts, 17, 67 (1978)
370. Šušić M., Mentus S., The electrochemical properties of the AlBr₃-Ethylbenzene-H₂O System, Glasnik Hem. društva Beograd, 43, 411 (1978)
371. Bulović V., Maksimović Z., Krtić J., Šušić M., Gamma-spectrometric determination of the burn-up of RA reactor fuel. Experimental cerification of a possibility of the nuclear fuel burn-up determination using ¹⁰⁶Ru, ¹³⁴Cs and ¹³⁷Cs as a united burn-up monitor, Jadrena energie, 24, 54 (1978)
372. Šušić M., Mentus S., The mixed electronic-ionic conductivity of the liquid Bi₂S₃-Sb₂S₃ system, Bull. Acad. Serbe Sci. Arts, 17, 95 (1978)
373. Trtanj M. I., Ruvarac A. Lj., Šušić M., Thermodynamics of anion exchange on hydrous zirconia. IV. Calorimetric determination of the heat of anion exchange on hydrous zirconia, Thermochimi. Acta, 23, 303 (1978)

374. Mihovilović L., Veljković S., Kinetički aspekti rastvaranja Al_2O_3 u kiselinama, Glasnik Hem. društva Beograd, 43, 449 (1978)
375. Veselinović D. S., Marković D. A., Jovanović D. M., Reactions of Hydroxybenzenes in Sulphuric Acid, Glasnik Hem. društva Beograd, 43, 225 (1978)
376. Veselinović D. S., Malešev D., Spectrophotometric Investigation of Fe(III)-Hydroxybenzene Complex in Acid Medium, Glasnik Hem. društva Beograd, 43, 545 (1978)
377. Veselinović D. S., Jon-selektivne electrode, Glasnik Hem. društva Beograd, 43, 817 (1978)
378. Veselinović D. S., Barjaktari F., Marković D., Complex Compounds of Vanadium and 1,4-Dihydroxybenzene in Sulphuric Acid Solutions, Z. Phys. Chemie. Leipzig, 259, 295 (1978)
379. Vučelić D., Macura S., Nešković B., Djurić Lj., Ajdarić Z., Proton Relaxation of Malignant and Embryonic Mouse Cells, Studia biophysica, 68, 179 (1978)
380. Vitorović D., Vučelić D., Gašić M. J., Juranić N., Macura S., Analysis of the organic matter of oil shales by nuclear magnetic resonance, Org. Geochem., 1, 89 (1978)
381. Miljanić Š. S., Mijomanović V. Lj., Ribnikar S. V., Structure of Infrared (ν_2) Bands of HDS and HTS, Bull. Soc. Chim. Beograd, 43, 133 (1978)
382. Pješčić M., Minić D., Kinetics of Pb(II) Reduction at a Mercury Electrode, J. Serb. Chem. Soc., 43, 429 (1978)
383. Antić-Jovanović A., Bojović V., Pešić D. S., Weniger S., The $A_{\pi-X, \Sigma}$ band system of CD^+ : Spectroscopic Constants and Isotopic Shifts, J. Mol. Spectrosc., 75, 197 (1979)
384. Baranac J., Veselinović D., Ristić G., Spiridonović S., Proučavanje apsorpcionih spektara likopena sa posebnim osvrtom na njihovu praktično-analitičku i naučnoistraživačku primenljivost, Glasnik Hem. društva Beograd, 44, 179 (1979)
385. Čeranić T., The structure model of an inorganic ion exchanger cobalt(II)-hexacyano-ferrate(II) with K, NH_4 and Cs, Z. Naturforsch., 34B, 1275 (1979)
386. Čeranić T. S., Adamović R., Ion exchange equilibria of cobalt(II)-M- hexacyanoferrate(II) with K, NH_4 and Cs, Z. Naturforsch., 34B, 1275 (1979)
387. Dondur V., Vučelić D., The Kinetics of Complex Reactions in Boundary Phases, Fizika, 10 529 (1979)
388. Radenović Č., Furtula V., Metabolism of Ions Between the Maize Root and Nutrient Solution, Physiop. And Biochem. Of Cultiv. Plants, 11, 218 (1979)
389. Srdanov G., Herak R., Prelesnuk B., Jeremić M., Crystal structure of Cadmium(II) Thiocyanate, Glasnik Hem. društva Beograd, 44, 561 (1979)
390. Kolar-Anić Lj., Milić B., Thermodynamic properties of a nonideal gas in homogenous gravitational field, Physica A, 98A, 325 (1979)
391. Macura S., Vučelić D., Criterion for Line Shape Estimation in Motionally Narrowed NMR Spectra, Glasnik Hem. društva Beograd, 44, 661 (1979)

392. Macura S., Vučelić D., Metal Complexes with Chloamphenicol, Part I. Polarographic Investigation of Cooper-Chloraphenicol Complexes, *J. Electroanal. Chem.*, 97, 257 (1979)
393. Mentus S., Šušić M., The ionic conductivity of high-temperature liquids, *J. Chem. Phys.*, 71, 5380 (1979)
394. Mioč U. B., Ribnikar S. V., Carbamates of the Lower Aliphatic Amines in Aprotio Solvents. III. Chemical Equilibria, *Glasnik Hem. društva Beograd*, 44, 1289 (1979)
395. Perić M., Runau R., Romelt J., Peyerimhoff S. D., Buenker R. J., Calculation of wavefunctions and frequencies for noninfinite vibrations, *J. Mol. Spectrosc.*, 78, 309 (1979)
396. Perić M., Buenker R. J., Peyerimhoff S. D., Ab initio configuration interaction study of the $A_2A_1-2B_1$ transition PH_2 and PD_2 , *Can. J. Chem.*, 57, 2491 (1979)
397. Perić M., Radić-Perić J., Ab initio investigation of the Renner effect in the C_3 molecule, *Chem. Phys. Lett.*, 67, 138 (1979)
398. Buenker R. J., Peyerimhoff S. D., Perić M., Calculation of vibrational wavefunctions and energies using MRD-CI techniques Excited States in Quantum Chemistry A. Nicolaides and D. R. Beck (eds), Reidel Publish. Comp., Dordrecht, Holland, p. 63 (1979)
399. Perić M., Istraživanje strukture molekulskih spektara pomoću ab initio metode, *Glasnik Hem. društva Beograd*, 44, 465 (1979)
400. Becker K. H., Tatarczyk T., Radić-Perić J., Lifetime measurements of electronically excited $C_3/1$ u/ Radicals in different vibrational state, *Chem. Phys. Lett.*, 60, 502 (1979)
401. Petranović N., Šušić M., The Thermochemical Behaviour of Zeolite Inclusion Complexes, *Thermochim. Acta*, 31, 211 (1979)
402. Petranović N., Šušić M., Electric Conductivity of Nitrate Inclusion Complexes of A and X Zeolites, *J. Chem. Soc., Faraday Trans. London* 1, 75, 2083 (1979)
403. Ribnikar S. V., A method of fitting band contours, *Glasnik Hem. društva Beograd*, 44, 591 (1979)
404. Savić P., Teleki G., Razvitie učenija o vysokih davlenijah v prnorodnyh telah s boljšoj massoj, *Vprosy istorii etestvoznaniya*, 61–63, 20 (1979)
405. Šušić M., Mentus S., The viscosity and structure of molten stannic chloride, *Bull. Acad. Serbe Sci. Arts*, 18, 99 (1979)
406. Šušić M., Mentus S., Cyclic voltammetry of molten CdJ_2 and $Cd-CdJ_2$, *Bull. Acad. Serbe Sci. Arts*, 19, 79 (1979)
407. Šušić M., The Kinetics of the electrolytic decomposition of $Na_{12}A$ Zeolite, *Bull. Acad. Serbe Sci. Arts*, 18, 27 (1979)
408. Šušić M., Petranović N., The decomposition kinetics and capacity of the double electric layer of the chloride inclusion zeolite complex $NaA \cdot NaCl$, *Bull. Acad. Serbe Sci. Arts*, 18, 35 (1979)



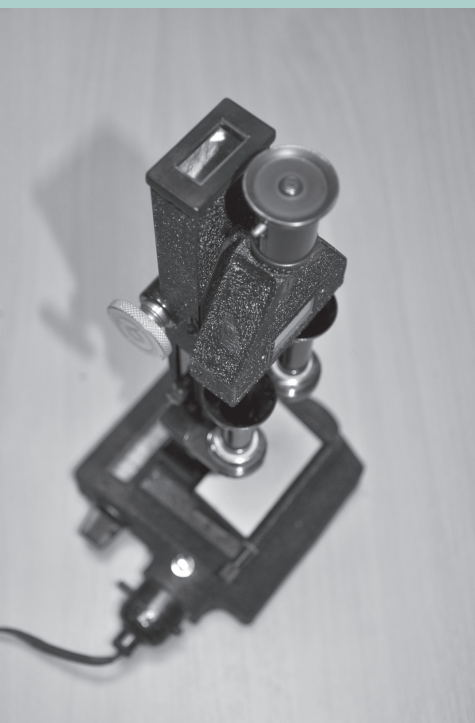
409. Šušić M., Petranović N., The electrochemical behaviour of synthetic zeolites. II. The NaA Zeolite and the $\text{PbNO}_3^* \text{NaA}^* \text{NaNO}_3$ inclusion complex, *Bull. Acad. Serbe Sci. Arts*, 19, 21 (1979)
410. Šušić M., The Electrochemical Properties of Cadmium Forms of Zeolite of Type A, *Electrochim. Acta*, 24, 535 (1979)
411. Šušić M., Petranović N., Electrode Processes of Nitrate and Halide Inclusion Complexes of A Type on Platinum Electrodes, *Glasnik Hem. društva Beograd*, 44, 265 (1979)
412. Šušić M., The Kinetics of the Redox Process in Cadmium Forms of Zeolite and the Capacity of the Double Electric Layer, *Sci. Of Sintering*, 11, 141 (1979)
413. Veljković S., Mihovilović L., Tufegdžić P., Specifičnost u kinetici rastvaranja TiO, *Glasnik Hem. društva Beograd*, 44, 587 (1979)
414. Radanović D. J., Veselinović D. S., Grujić S. A., The alfa-cis Configuration of Chelated Ethylenediamine-N,N'-diacetate in $\text{Cr}(\text{N}_2\text{O})_4/\text{Type}$ Complex, *Glasnik Hem. društva Beograd*, 44, 503 (1979)
415. Veselinović D. S., Malešev D., Basarić-Dinić Lj., Investigation of the Calcium-Hydroxybenzene Complex, *Glasnik Hem. društva Beograd*, 44, 511 (1979)
416. Vučelić D., Juranić N., Vitorović D., Potential of Protonenhanced ^{13}C NMR for the Classification of Kerogens, *Fuel*, 58, 759 (1979)
417. Juranić N., Čelap M. B., Vučelić D., Malinar M. J., Radivojša P. N., Non Additivity of Ligand Effects on ^{59}Co NMR Chemical Shift in Cobalt(III) Complex Compound, *J. Mang. Reson*, 35, 997 (1979)
418. Juranić N., Čelap M.B., Vučelić D., Malinar M. J., Radivojša P. N., Interpretation of Chemical Shifts in ^{59}Co NMR Spectra of Low-Symmetry Ligand Field Cobalt(III) Complex Compounds, *J. Mang. Reson*, 35, 319 (1979)
419. Juranić N., Čelap M. B., Vučelić D., Malinar M. J., Radivojša P. N., A ^{59}Co NMR Study of Cobalt(III) Complexes Containing Aminocarboxylato Ligands, *J. Coord. Chem.*, 9, 117 (1979)
420. Pješčić M., Komnenić V., Minić D., Reduction of Sn(II) at a Mercury Electrode, *J. Serb. Chem. Soc.*, 44, 519 (1979)
421. Radenović Č., Ratković S., Vučinić Ž., Potkonjak B., Bačić G., Bioelectrochemical studies of ionic influence on transport characteristics of primary root of Zea mays., *Bioelectrochem. Bioenerg.*, 7, 345 (1980)
422. Ratković S., Bačić G., Water exchange in Nitella cells: A PMR study in the presence of paramagnetic Mn^{2+} ions, *Bioelectrochem. Bioenerg.*, 7, 405 (1980)
423. Furtula V., Radenović Č., Investigation of the Dynamics of Uptake of the Maize plant Root System using Methods of Ion Selective Electrodes, *Zemljište i biljka*, 29, 11 (1980)
424. Todorović M., Ikononov N., Kovačić N., Rekalic M., Perić M., Mass Spectrometric Analysis of the Products Formed in a DC Arc Plasma, *Z. Anal. Chem.*, 302, 382 (1980)

425. Kolar-Anić Lj., Balescu R., On the steady-state solutions of the kinetics of homogeneous nucleation, *Chem. Phys.*, 46, 281 (1980)
426. Kolar-Anić Lj., Time-independent solutions of the kinetics of homogeneous nucleation, *Chem. Phys. Lett.* 74, 525 (1980)
427. Macura S., Ernst R. R., Elucidation of Cross-Relaxation in Liquids by Two-Dimensional NMR Spectroscopy, *Mol. Phys.*, 41, 95 (1980)
428. Juranić N., Macura S., Đurđević Lj., Vučelić D., Proton-spi Relaxation of Water in Nittela Mucronata Cells, *Biofizika (USSR)*, 25, 1011 (1980)
429. Pješčić M., Mentus S., Electrode reactions of molten $\text{Na}_3\text{AlF}_6\text{-Al}_2\text{O}_3$ system, *Glasnik Hem. društva Beograd*, 45, 411 (1980)
430. Mioč U., Griblov L. A., O nekim mogućnostima kvantitativnih izračunavanja vibracionih i elektronsko-vibracionih spektara višeatomskih molekula i polimera, *Glasnik Hem. društva Beograd*, 45, 221 (1980)
431. Bojović V., Mioč U., Petranović N., Water and Hydroxyl Groups in Inclusion Complexes of Zeolite A, *Glasnik Hem. društva Beograd*, 45, 557 (1980)
432. Mladenović M., Veljković S., Tok hemijske reakcije na primeru monomolekulskih reakcija, *Glasnik Hem. društva Beograd*, 45, 461 (1980)
433. Bruna P. J., Hirsch G., Perić M., Peyerimhoff S. D., Buenker R. J., A theoretical study of the lowest 2B1, 2A1 and 2B2 electronic states in H_2S^+ and a comparison with corresponding states in related systems, *Mol. Phys.*, 40, 521 (1980)
434. Perić M., Ab initio calculation of vibronic levels in the 2piu state of PH₂, *Chem. Phys. Lett.*, 76, 573 (1980)
435. Perić M., Krmar M., A theoretical study of the vibronic structure in the electronic spectrum of SH^{2+} , *Glasnik Hem. društva Beograd*, 45, 531 (1980)
436. Ristić M., Petranović N., Šupić M., Petrović V., Dimitrijević R., Mechanism of Sintering and the Effect of Sintering on the Electric Properties of Synthetic Zeolite 4A, *Sci. Ceramics*, 10, 359 (1980)
437. Radak V. M., Gal I. J., Radak B. B., Heats of Immersion of Some Ion-Exchanged A and X Zeolites of Divalent Cations, *Thermochim., Acta*, 5, 311 (1980)
438. Radić-Perić J., Vukanović V., Perić M., Rekalic M., Arc plasma in air with calcium and fluorine II. Effect of fluorine on radial distribution of calcium particles, *Spectrochim. Acta*, 35B, 307 (1980)
439. Radić-Perić J., Perić M., Arc plasma in air with calcium and fluorine I. Calculation of the plasma composition, *Spectrochim. Acta*, 35B, 297 (1980)
440. Stojković S. R., Ribnikar S. V., The vibrational spectrum of liquid carbon tetrachloride, *Glasnik Hem. društva Beograd*, 45, 29 (1980)

441. Stojković S. R., Ribnikar S. V., On the Equality of vibrational infrared and Raman Frequencies. An experimental examination, Glasnik Hem. društva Beograd, 45, 417 (1980)
442. Šušić M., Mentus S., Electrochemical behaviour of melted $\text{BiJ}_3 + \text{CdJ}_2$ mixture, Bull. Acad. Serbs Sci. Arts, 20, 19 (1980)
443. Šušić M., Korelacija električne provodljivosti i međuatomskih rastojanja kod nekih binarnih rastopa soli, metala i superkritične pare metala, Zb. Radova u čast P. Savića povodom 70-godišnjice života, SANU p. 134 (1980)
444. Ristić M. M., Šušić M., Uticaj pritiska presovanja na električnu provodljivost NaF, Glas SANU, 17, 67 (1980)
445. Ristić M. M., Šušić M., The effects of the pressure on the electrical conductivity of NaF, Bull. Acad. Serbe Sci. Arts, 17, 11 (1980)
446. Veljković S., Nuclear Transformation and Correlation Effects in Solids, Glasnik Hem. društva Beograd, 45, 131 (1980)
447. Jovanović D. M., Veselinović D. S., Marković D. A., Reaction of Hydroxybenzenes in Strongly Acidic Media. I. Spectrophotometric Investigation of the 1,3,5-Tri hydroxybenzene- Sulphuric Acid System, Glasnik Hem. društva Beograd, 45, 335 (1980)
448. Jovanović D. M., Veselinović D. S., Marković D. A., Reaction of Hydroxybenzenes in Strongly Acidic Media. II. Proton-NMR Spectra of the 1,3,5-Tri hydroxybenzene- Sulphuric Acid System, Glasnik Hem. društva Beograd, 45, 343 (1980)
449. Srdanov G., Herak R., Radanović D. J., Veselinović D. S., The Crystal Structure of α -Cis-digama Hydroxybis(ethylene-diamine-N,N'-diacetato)-dichromium(III) Tetrahydrate/ $\text{Cr}(\text{EDDA})(\text{OH})/2 \cdot \text{H}_2\text{O}$, Inorg. Chim. Acta, 38, 37 (1980)
450. Veselinović D. S., Radanović D. J., Grujić S. A., Chromium(III) and Ethylenediamine-N,N'-Diacetic Acid Complexes, Inorg. Nucl. Chem. Lett., 16, 211 (1980)
451. Vučelić D., Juranić N., Macura S., Nešković B., Proton Relaxation Times of Tumor and Normal Cells, Biophysics (USSR), 25, 110 (1980)
452. Vučelić V., Vučelić D., Combined Lyotropic and Thermotropic Phase Transitions of Deoxycholic Acid, Chem. Phys. Lett., 69 802 (1980)
453. Juranić N., Čelap M. B., Malinar M. J., Vučelić D., Radivojša P. N., An Interpretation of ^1H and ^{13}C NMR Chemical Shifts of the Glycinato Ligand in Mixed-Ligand Cobalt(III) Complexes, Inorg. Chem., 19, 802 (1980)
454. Miljanić Š. S., Moore C. B., Vibrational Relaxation of D_2O (ν_2), J. Chem. Phys. 73, 226 (1980)
455. Pješčić M., Minić D., Electrochemical Behaviour of $\text{Co}(\text{II})$ at a Platinum Electrode in Aqueous Solutions, J. Serb. Chem. Soc., 45, 19 (1980)

456. Ratković S., Bačić G., NMR Study of water in plant cells and tissues: Proton T1 and hydration of Zea mays root in relation to ion transport, *Studia Biophys.*, 84, 77 (1981)
457. Dimitrijević N. M., Mičić O. I., Pulse Radiolysis Studies of 2-Pyridinealldoxime Methochloride in Aqueous Solutions, *Glasnik Hem. društva Beograd*, 46, 493 (1981)
458. Dondur V., Vučelić D., Non-isothermal and Isothermal Desorption of Water from Zeolites, *Thermal Analysis*, 422 (1981)
459. Dondur V., Lampa S., Vučelić D., Phase Transformations on Catalyst Type CuOMnO Thermal Analysis, 182 (1981)
460. Denić M., Konstantinov K., Radenović Č., Furtula V., A Study of the Amino Acid Composition of Protein Fraction in Plasma Membranes from Prilary Maize Roots, *Studia Biophya.*, 83, 197 (1981)
461. Macura S., Ernst R. R., The Study of Solvent Solute Interactions by Two-Dimensional NMR Spectroscopy, *Period. Biol.*, 83, 87 (1981)
462. Macura S., Huang Y., Suter D., Ernst R. R., Two-Dimensional Chemical Exchange and Cross-Relaxation Spectroscopy of Coupled Nuclear Spins, *J. Magn. Reson.*, 43, 259 (1981)
463. Huang Y., Macura S., Ernst R.R., Carbon-13 Exchange Maps for the Elucidation of Chemical Exchange Networks, *J. Am. Chem. Soc.*, 103, 5327 (1981)
464. Barjaktari F., Marković D., Veselinović D., Reaction of Hydroxybenzene in Stroungly Acidic Media. IV. Complex Compounds of 1,2,3-Trixydroxybenzene with Titanium, Vanadium and Arsenic in Concentrated Sulphuric Acid Solution, *Glasnik Hem. društva Beograd*, 46, 329 (1981)
465. Mehandjev D., Aleksić B. R., Aleksić B. D., Mioč U., An Investigation on the Nature of Cobalt Compounds in Hydrodesulphurization Catalysis, *Dokl. Bolg. AN. Comm. Department Chem.*, 14, 198 (1981)
466. Perić M., Peyerimhoff S. D., Buenker R. J., Ab initio CI calculation of the band structure in the $A^2B_1 - X^2A_1$ electronic transition of BH_2 , *Can. J.Chem.*, 59, 1318 (1981)
467. Buenker R. J., Perić M., Peyerimhoff S. D., Marian R., Ab initio treatment of the Renner-Teller effect for the X^2B_1 and A^2A_1 electronic states of NH_2 , *Mol. Phys.*, 43, 987 (1981)
468. Petranović N., Mioč U., Šušić M., Dimitrijević R., Krstanović I., Inclusion Complexes of Alkali Nitrates of Zeolites I, *J. Chem. Soc., Faraday Trans 1*, 77, 379 (1981)
469. Savić P., The internal structure of the planet Mercury, Venus, Mars and Jupiter according to the Savić-Kašani theory, *Adv. Space Res.*, 1, 131 (1981)
470. Šušić M., Capacity of electrical double layer at interface platinum/solid electrolyte nitrate inclusion complex of cadmium form of zeolite type A, *Bull. Acad. Serbe Sci. Arts*, 21, 1 (1981)
471. Šušić M., Corrosion of titanium I. Corrosion of titanium in water, *Glasnik Hem. društva Beograd*, 46, 587 (1981)

1981–1983. Upravik Instituta za fizičku hemiju: Dragan Marković



472. Šušić M., Minić D., Electric and electrochemical properties of solid LiH_2PO_4 , Solid State Ionic, 2, 309 (1981)
473. Šušić M., Minić D., Protonic conductivity of some solid acid salts and crystallohydrates, Glasnik Hem. društva Beograd, 46, 485 (1981)
474. Šušić M., Savić D., Mentus S., Bogdanov Z., Petranović Z., Gasifikacija uglja u rastopu soli, Glas SANU, 48, 27 (1981)
475. Dojčinović M., Šušić M., Mentus S., An investigation of catalytically active $\text{V}_2\text{O}_5\text{-K}_2\text{S}_2\text{O}_7\text{-K}_2\text{SO}_4$ melt, J. Molecular Catal., 11, 275 (1981)
476. Veljković S., Heterogenety and Rate Modifications of the Bray-Liebhabsky Reaction
477. Glasnik Hem. društva Beograd, 46, 711 (1981)
478. Barjaktari F. Dž., Veselinović D. S., Marković D. A., Reactions of Hydroxybenzenes in Strongly Acidic Media. III. Reactions of 1,2,3-Trihydroxybenzene and its Complexes with Niobium in Concentrated Sulphuric Acid Solutions, Glasnik Hem. društva Beograd, 46, 291 (1981)
479. Veselinović D. S., Malešev D. L., Spectrophotometric Investigation of Titanium(IV)-Hydroxybenzene Complex in Acid Medium, Glasnik Hem. društva Beograd, 46, 479 (1981)
480. Vučelić D., Bray R. P., Jardeizky O., Unfolding of the lac repressor headpiece, FEBS Letters, 124, 204 (1981)
481. Tripković M., Todorović M., Vukanović V., Simić M., New Spectrometric Method for the Determination of Trace Elements in Petroleum by Double Plasma Arc Source in a Graphite Tube, Z. Anal. Chem., 306, 362 (1981)
482. Miljanić Š., Razdvajanje izotopa i nuklearna energija I. Mogućnosti primene lasera u proizvodnji teške vode, Hem. Ind., 35, 36 (1981)
483. Antić-Jovanović A., Jeremić M., Long D. A., Raman spectral investigation of the cadmium-thiocyanate in solution and solid, J. Raman Spectroscopy, 12, 92 (1982)
484. Antić-Jovanović A., Jeremić M., Kovačić S., Raman Spectral study of Zn(II) -thiocyanate interaction in aqueous solutions, Bull. Soc. Chem., Beograd, 47, 309 (1982)
485. Antunović-Holclajtner I., Georgijević V., Vukanović V., Influence of the cathode shape on the spatial distribution of particles in d.c. arc plasma, Fresenius Z. Anal. Chem., 312, 126 (1982)
486. Antunović-Holclajtner I., Čadež V., Vukanović V., Georgijević V., A theoretical model of the spatial density distribution of traces in a d.c. arc, Spectrochim. Acta, 37B, 889 (1982)
487. Antunović-Holclajtner I., Vukanović V., Georgijević V., Čadež V., Comparison of theoretical and experimental particle density distributions in d.c. arc, Spectrochim. Acta, 37B, 895 (1982)
488. Todorović M., Antunović-Holclajtner, I., Ikonov N., Kovačić N., Investigation of Chemical Reactions in Capacitatively Coupled R.F. Discharge in Ethanol Vapour, Glasnik Hem. društva Beograd, 47, 589 (1982)

489. Ratković S., Bačić G., Water in plants: A review of some recent NMR studies concerning the state and transport of water in leaf, root and seed, *Studia Biophys.*, 91, 9 (1982)
490. Bačić G., Ratković S., A near-infrared study of $\text{H}_2\text{O}-\text{D}_2\text{O}$ exchange in maize root, *Period. Biol.*, 84, 111, (1982)
491. Dimitrijević N. M., Mičić O. I., Pulse-radiolytic Investigation of the Oxidation of Iron(II) and Iron(III) Complexes with 2,2'-Bipyridine, *J. Chem. Soc. Dalton Trans.*, 1953 (1982)
492. Dondur V., Fidler D., Vučelić D., The Effect of Different Types of Distribution on Thermodesorption Kinetics, *Thermal Analysis*, 1209 (1982)
493. Kolar-Anić Lj., New solution for the kinetics model of homogeneous nucleation, *Glasnik Hem. društva Beograd*, 47, 595 (1982)
494. Macura S., Wuthrich K., Ernst R. R., Separation and Suppression of Coherent Transfer Effect in Two-Dimensional NOE and Chemical Exchange Spectroscopy, *J. Magn. Reson.*, 46, 269 (1982)
495. Macura S., Wuthrich K., Ernst R. R., The Relevance of J-Cross Peaks in Two-Dimensional NMR Experiments of Macromolecules, *J. Magn. Reson.*, 47, 351 (1982)
496. Liler M., Marković D., The temperature Variation of the HA Acidity Function of Amides, *J. Chem. Soc., Perkin Trans.*, 2, 551 (1982)
497. Todorović M., Tripković M., Mioč U., Study of the Change of Organic Matrix During the Preparation of Petroleum for Direct Spectral Analysis of Trace Elements, *Z. Anal. Chem.*, 312, 234 (1982)
498. Perić M., Krmar M., Theoretical treatment of large amplitude vibrations in the $2\nu_2$ state BH_2 , *Glasnik Hem. društva Beograd*, 47, 43 (1982)
499. Perić M., Mladenović M., Fejzo J., Marian C. M., Bruna P. J., A theoretical study of the vibronic structure in the electronic spectrum of HNO_3^+ , *Chem. Phys. Lett.*, 88, 547 (1982)
500. Petranović N., Dimitrijević R., Metal Inclusion Complexes of Zeolite A, *Stud. Surface Sci. Catal.*, 12, 45 (1982)
501. Todorović M., Gal I., Paligorić J., Radak V., Self-diffusion of Cd^{2+} ions in hydrates CdX Zeolites, *Croat. Chem. Acta* 55, 287 (1982)
502. Todorović M. B., Gal I. J., Paligorić J., Radak V., Self-diffusion of Cd(II) Ions in Hydrated Cd-X Zeolite, *Croat. Chem. Acta*, 55, 287 (1982)
503. Bogunović Lj. Lj., Dragojević M. D., Ribnikar S. V., Mioč U., Estimation of the solvent effect on hydrogen bonds in solutions of an organosiloxanediol, *Glasnik Hem. društva Beograd*, 47, 109 (1982)
504. Šušić M., Dojčinović M., Mentus S., Catalytic oxidation of SO_2 in molten sulphates, *Bull. Acad. Serbe Sci. Arts*, 23, 37 (1982)
505. Ristić M. M., Šušić M., Change of Characteristic parameters of polycrystalline titanium during its deformation, *Bull. Acad. Serbe Sci. Arts*, 20, 15 (1982)

506. Šušić M., Minić D. M., Electric and electrochemical properties of solid $\text{CdBr}_2 \cdot 4\text{H}_2\text{O}$ in the stage of dehydration, *Solid State Ionic*, 6 139 (1982)
507. Šušić M., Petranović N., Electrochemical and Thermal properties of the binarz mixture of zeolite 4A-mercury halogenides, *Bull. Acad.Serbe Sci. Arts*, 23, 53 (1982)
508. Šušić M., Minić D., Protonic Conductivity of solid $\text{UO}_2\text{HPO}_4 \cdot 3\text{H}_2\text{O}$, *Solid State Ionic*, 6, 327 (1982)
509. Šušić M., Pješić M., Mentus S., Thermal and electrochemical properties of solid $\text{Ag}_2\text{SO}_4\text{-Li}_2\text{SO}_4$ binary system, *Bull. Acad. Serbe Sci. Arts.*, 22, 7 (1982)
510. Tomašević-Čanović M. R., Veselinović D. S., Investigation of Fluoride Complexes of Aluminium in Water-Ethanol Sistems, *Glasnik Hem. društva Beograd*, 47, 205 (1982)
511. Veselinović D. S., Malešev D. L., pH Metric Determination of Dissociation Constants of Monohydroxybenzene, *Glasnik Hem. društva Beograd*, 47, 276 (1982)
512. Anđus P., Simonović B., Vučelić D., Photoacoustic Spectra of normal and UV-irradiates Eye Lenses from Rats and Dogfish Sharks, *Period. Biol.*, 84, 96 (1982)
513. Šušić M. V., Minić D. M., Mioč U. B., Electric and electrochemical properties of solid $\text{CdBr}_2 \cdot 4\text{H}_2\text{O}$ in the stage of dehydration, *Solid State Ionics*, 6, 139 (1982)
514. Miljanić Š. S., Specht E., Moore C. B., Vibrational Relaxation of Bending Modes of D_2O , D_2S and H_2Se Gas Mixtures, *J. Chem. Phys.*, 77, 4949 (1982)
515. Pupezin J., Miljanić Š., Razdvajanje izotopa i nuklearna energija II. Proizvodnja teške vode, *Hem. Ind.*, 36, 97 (1982)
516. Ikononov N., Todorović M., Kovačić N., Holclajtner-Antunović I., Investigation of radiofrequency and arc discharges in ethanol vapour, *Glasnik Hem. društva*, 47, 37 (1982)
517. Holclajtner-Antunović I., Georgijević V., Vukanović V., Investigation of the axial radiation intensity distribution for different cathode shapes, *Glasnik Hem. društva*, 47, 293 (1982)

1983–1988.

518. Antić-Jovanović A., Bojović V., Pešić D. S., Weniger S, The $\text{A}^1\Sigma\text{-X}^1\pi$ bands of $^{13}\text{CH}^+$, *Spectrosc. Lett.*, 16, 11 (1983)
519. Baranac J., Vukanović-Georgijević V., Spirdonović D., Ispitivanja solventohromnih efekata na elektronskim apsorpcionim spektrima hlorofila b, *Glasnik Hem. društva Beograd*, 48, 55 (1983)
520. Baranac J., Vukanović-Georgijević V., Spirdonović D., Spektrohemijska ispitivanja hlorofila pečinskih i drugih lokaliteta, *Glasnik Hem. društva Beograd*, 48, 765 (1983)
521. Dondur V., Vučelić D., An Approach to the Kinetics of Water Desorption from A-Zeolite, Part I., *Thermochim. Acta*, 68, 91 (1983)

1983–1985. Upravik Instituta za fizičku hemiju: Dragan Veselinović



522. Dondur V., Vučelić D., An Approach to the Kinetics of Water Desorption from A-Zeolite, Part II. Resolution of the Complexes Dehydration Processes to Elementary Reactions, *Thermochim. Acta*, 68, 101 (1983)
523. Dondur V., Vučelić D., An Approach to the Kinetics of Water Desorption from A-Zeolite, Part III. Thermodesorption of Complex with Non-uniform Activation Energies, *Thermochim. Acta*, 68, 113 (1983)
524. Dondur V., Lampa S., Vučelić D., Thermal Analysis of MnO-CuO Catalysts, *J. Chem. Soc. Farad. Trans.*, 79, 1633 (1983)
525. Kolar-Anić Lj., New solutions for the kinetic model of homogeneous nucleation. II Approximate calculations, *Glasnik Hem. društva Beograd*, 48, 501 (1983)
526. Kolar-Anić Lj., O procesu nukleacije, *Glasnik Hem. društva Beograd*, 48, 195 (1983)
527. Platiša M., Konjević R., Bukvić S., Evaluation of spectral line profile from relative widths of Fabry-Perot interferograms, *Optics and Laser Technology*, 15, 209 (1983)
528. Macura S., Brown L. R., Improved Sensitivity and Resolution in Two-Dimensional J-Resolved NMR Spectroscopy of Macromolecules, *J. Magn. Reson.*, 53, 529 (1983)
529. Macura S., Kumar N.G., Brown L. R., Combined Use of Cosy and Double Quantum Two-Dimensional NMR Spectroscopy for Elucidation of Spin System in Polymyxin B, *Biochem. Biophys. Res. Comm.*, 117, 486 (1983)
530. Mentus S., Radak B. B., Physical modelling of molten potassium chloride, *Glasnik Hem. društva Beograd*, 48, 41 (1983)
531. Mentus S.V., Radak B.B., Physical modelling of molten potassium Chloride, *Glasnik Hem. društva Beograd*, 48, 41 (1983)
532. Mentus S. V., Šušić M. V., Gajinov S. P., Ionic conductivity of system AgI-Sb₂S₃, *Solid State Ionic*, 11, 143 (1983)
533. Mentus S. V., Glassy carbon-KCl solution interface impedance. Mechanical surface treatment effect, *Y. Naturforsch.*, 38a, 252 (1983)
534. Perić M., Peyerimhoff S. D., Buenker R. J., Use of the vibronic CI method in accurate calculation of the Renner-Teller effects, *Mol. Phys.*, 49, 379 (1983)
535. Perić M., Peyerimhoff S. D., Buenker R. J., An ab initio study of the A²A-X²A vibronic transition in the free radical NHF, *Can. J. Chem.*, 61, 2500 (1983)
536. Perić M., Mladenović M., Peyerimhoff S. D., Buenker R. J., Ab initio study of the isomerization HCN-HCN I. Ab initio calculation of the HCN-HCN potential surface and the corresponding energy levels, *Chem. Phys.*, 82, 317 (1983)
537. Petranović N., Inkluzija soli u zeolitskim strukturama, *Glasnik Hem. društva Beograd*, 48, 317 (1983)



Profesorka Vukosava Radak

538. Petranović N., Šušić M., High Temperature Treated AgA Zeolite. Electric and Electrochemical Properties, Zeolites, 3, 274 (1983)
539. Radak V. M., Mioč U., Čeranić T., Lukić T., Infrared Investigation of Adsorbed CO₂ on Faujasite Type Zeolites Exchanged with Transition Metal Ions, Glasnik Hem. društva Beograd, 48, 507 (1983)
540. Radić-Perić J., Arc plasma in air with calcium and fluorine III. Optimum temperatures for the emission of anatomic and ionic spectral lines of calcium and some molecular bands, Spectrochim. Acta, 38b 1021 (1983)
541. Radić-Perić J., Arc plasma in air with calcium and fluorine IV. Radiation intensity of calcium atoms, ions and oxides in the presence of fluorine, Spectrochim. Acta, 38b, 1031 (1983)
542. Ristić S., Baranac J., The problem of isomeric relation and number of possible isomeris in the analogous series of hydroxylated flavylum salts, Glasnik Hem. društva Beograd, 48, 593 (1983)
543. Savić P., Nekotorye voprosy fizičeskoj himii fazovyh perehodov, Glasnik Hem. društva Beograd, 48, 135 (1983)
544. Savić P., Ristić M. M., Solid state reactions and phases transition under high pressures in Earth'slayers, Glasnik Hem. društva Beograd, 48, 713 (1983)
545. Šušić M., Mentus S., Electrochemical behaviour of the solid ionic conductor Ag₇I₄PO₄, Electrochim. Acta, 28, 1749 (1983)
546. Šušić M., Electrochemical gasification of coal, Bull. Acad. Serbe Sci. Arts, 24, 17 (1983)
547. Šušić M., Mentus S., Electrode process at metal/AgI-Ag₂MoO₄ solid electrolyte interface, Solid State Ionics, 9, 683 (1983)
548. Šušić M., Investigation of the corrosion of Ti-Al Alloy in sulphuric acid, Materials in Chem. and Phys., 8, 193 (1983)
549. Šušić M., Pješčić M. G., Mentus S., Thermal and electrochemical properties of solid binary Ag₂SO₄-BaSO₄, Glasnik Hem. društva Beograd, 48, 35 (1983)
550. Šušić M., Mentus S., Electrochemical behaviour in the solid electrolyte Ag₆I₄WO₄, Electrochim. Acta, 28, 35 (1983)
551. Veselinović D. S., Malešev D. L., Investigation of Hydroxybenzene-Calcium, Strontium and Barium Complex Compounds, Glasnik Hem. društva Beograd, 48, 159 (1983)
552. Veselinović D. S., Grujić S. A., Trifunović S. R., Radanović D. J., Investigation of the Complex of Cr(III) and Trimethylenediamine-N,N'-diacetic Acid, Glasnik Hem. društva Beograd, 48, 245 (1983)
553. Veselinović D. S., Mačić I. K., Determination of the dissociation constant of Pralidoxime Chloride, Glasnik Hem. društva Beograd, 48, 433 (1983)
554. Veselinović D. S., Jelikić M. D., Spectrophotometric Determination of Tetracycline in Pharmaceutical Preparations, Glasnik Hem. društva Beograd, 48, 539 (1983)

555. Veselinović D. S., Marković D. A., Obradović M. V., Reactions of Hydroxybenzenes in Strongly Acidic Media. V. Absorption Spectra of 1,3-Dihydroxybenzene in Concentrated Sulphuric Acid Solutions, *Glasnik Hem. društva Beograd*, 48, 619 (1983)
556. Veselinović D. S., Jelikić M. D., Complex Compounds of Iron(II) and Tetracycline in Acid Medium, *Glasnik Hem. društva Beograd*, 48, 739 (1983)
557. Vučelić V., Vučelić D., The Heat Capacity of Water Near Solid Surfaces *Chem. Phys. Lett.*, 102, 371 (1983)
558. Tripković M., Todorović M., Mioč U., Matrix effects in the spectroscopic analysis of petroleum, *Trends Anal. Chem.*, 2, 18 (1983), revue
559. Kovačić N., Ikononov N., Holclajtner-Antunović I., Todorović M., Vuksan G. Influence of the physical parameters on the chemical composition in low pressure rf discharge ICP Information Newsletters, 9, 394 (1983)
560. Antunović-Holclajtner I., Transport mase i gustina čestica u termičkoj plazmi, *Glasnik Hem. društva Beograd*, 49, 499 (1984)
561. Bačić G., Ratković S., Water exchange in plant tissue studied by proton NMR in presence of paramagnetic centers, *Biophys. J.*, 45, 767 (1984)
562. Baranac J., Spiridonović D., Vukanović-Georgijević V., Amić D., Apsorpciometrijska i fotometrijska ispitivanja metoksilovanog flavilijumskog jedinjenja, *Glasnik Hem. društva Beograd*, 49, 715 (1984)
563. Čeranić T. S., Athermodynamic model of the mixed-salt Cobalt(II)-hexacyanoferrate(II) ion exchanger, *J. Chem. Soc., Faraday Trans. 1*, 80, 823 (1984)
564. Nenadović M. T., Mičić O. I., Dimitrijević N. M., Radiolytic Oxidation Of Water to Oxyden in Aqueous Solutions of Some Metal Ions, *Glasnik Hem. društva Beograd*, 49, 89 (1984)
565. Dimitrijević N. M., Savić D., Mičić O. I., Nozik A. J., Interfacial Electron Transfer Equilibria and Flatband Potentials of $\alpha\text{-Fe}_2\text{O}_3$ and TiO_2 Colloids Studied by Pulse Radilysis, *J. Phys. Chem.*, 88, 4278 (1984)
566. Dimitrijević N. M., Li S., Gratzel M., Visible Light Induced Oxygen Evolution in Aqueous CdS Suspension, *J. Am. Chem. Soc.*, 106, 1984 (1984)
567. Wider G., Macura S., Kumar A., Ernst R. R., Wutrich K., Homonuclear Two-Dimensional ^1H NMR of Proteins: Experimental Procedures, *J. Magn. Reson.*, 56, 207 (1984)
568. Macura S., Kumar A., Brown L. R., Homonuclear Relayed Double-Quantum 2D NMR Spectroscopy of Polymyxin B in H_2O , *J. Magn. Reson.*, 60, 99 (1984)
569. De Rosa S., De Stefano S., Macura S., Trivellone E., Zavodnik N., Chemical Studies of North Adriatic Seaweeds I: New Dolabellane Diterpenes from the Brown alga *Dilophus fasciola*, *Tetrahedron*, 40, 4991 (1984)

570. Marković D., Veselinović D., Kosanić M., Reaction of Hydroxybenzene in Strongly Acid Media. VI Reaction of Hydroxybenzenes and Nitric Acid (Sodium Bitrate) in Perchloric Acid Solutions, Glasnik Hem. društva Beograd, 49, 4991 (1984)
571. Minić D., Šušić M. V., Atanasoska Lj., Mioč U., Protonic conductivity of solid potassiumdihydropyroantimonate, Solid State Ionic, 14, 117 (1984)
572. Perić M., Radić-Perić J., A method for solution of the mass transport equation in a free burning dc arc, Spectrochim. Acta, 39B, 1005 (1984)
573. Perić M., Peyerimhoff S. D., Buenker R. J., Ab initio study of the Renner-Teller effects of the $^1\Delta_g$ state of CH_2 , Chem. Phys. Letters, 105, 44 (1984)
574. Perić M., Buenker R. J., Peyerimhoff S. D., Ab initio study of the vibronic structure in the $^1\Delta_g$ state of NH^{2+} , Astrophys. Lett., 24, 69 (1984)
575. Perić M., Mladenović M., Peyerimhoff S. D., Buenker R. J., Ab initio study of the HCN-HCN isomerization II. Calculation of the isomerization rate constant, Chem. Phys., 86, 85 (1984)
576. Perić M., Radić-Perić J., A method of solution of the mass transport equation in a free burning d.c. arc, Spectrochim. Acta, 39B, 1005 (1984)
577. Perić M., Buenker R. J., Peyerimhoff S. D., Theoretical Study of the UV Spectrum of Acetylene. I: Ab initio Calculation of Singlet Electronic States of Acetylene by a Large-Scale CI Method, Molec. Phys., 53, 1177 (1984)
578. Nestmann B., Perić M., Ab initio study of the $2\Pi_u$ electronic state of the A^1H_2 radical, Chem. Phys., 89, 257 (1984)
579. Aleksić B. D., Mitov I. G., Klisturski D. G., Petranović N., Jovanović N. N., Bogdanov S. S.
580. Comparative Investigation of Hte Effect of Alkali Promoters on the Activity of Ammonia Synthesis, Glasnik Hem. društva Beograd, 49, 477 (1984)
581. Petranović N., Solid Ionic Conductor Based on High Temperature Treated Silver Zeolite AgA . AgNO_3 , Sci. Ceramics, 12, 735 (1984)
582. Radić-Perić J., Theoretical investigation of the background band intensity in graphite arc burning in air, Glasnik Hem. društva Beograd, 49, 185 (1984)
583. Radić-Perić J., Eksperimentalno i teorijsko proučavanje procesa u plazmi jednosmernog električnog luka koji slobodno gori u vazduhu, Glasnik Hem. društva Beograd, 49, 429 (1984)
584. Petković Đ. M., Ribnikar S. V., Pokidysheva I. D., Extraction of uranyl nitrate, chloride and sulphate with tri-n-octyl amine, Glasnik Hem. društva Beograd, 49, 97 (1984)
585. Ribnikar S. V., Stojković S. R., The vibrational spectrum of methane. A partial reassignment, Glasnik Hem. društva Beograd, 49, 177 (1984)

586. Sužnjević D., Veselinović D., Vukelić N., Pavlović D., Nikolić A., Cyclovoltammetric behaviour of the system Butyrylthiocholineiodide-Butyrylcholineesterase on a mercury electrode, Glasnik Hem. društva Beograd, 49, 615 (1984)
587. Šušić M., Pješić M. G., Mentus S., Electrochemical and thermal properties of the system Ag_2SO_4 -alkaline and Ag_2SO_4 -alkaline-earth sulphates, Bull. Acad. Serbe Sci. Arts, 25, 35 (1984)
588. Šušić M., Minić D. M., Electrochemical behaviour of solid $\text{K}_2\text{H}_2\text{Sb}_2\text{O}_7 \cdot 4\text{H}_2\text{O}$, Glasnik Hem. društva Beograd, 49, 251 (1984)
589. Veselinović D. S., Malešev D. L., Investigation of Uranium(VI) and Mercury(II) Complex with Monohydroxybenzene, Glasnik Hem. društva Beograd, 49, 191 (1984)
590. Obradović M. V., Veselinović D. S., Marković D. A., Reactions of Hydroxybenzenes in Strongly Acidic Media. VII. Complex Compounds of Titanium and Hydroxybenzenes in Concentrated Perchloric Acid Solutions, Glasnik Hem. društva Beograd, 49, 453 (1984)
591. Veselinović D., Sužnjević D., Vukelić D., Pavlović D., Nikolić A., Application of Differential Pulse Polarography to the Investigation of the Enzyme Reaction: Butyrylthiocholineiodide-Butyrylcholine-esterase, Glasnik Hem. društva Beograd, 49, 607 (1984)
592. Sarapuk J., Przystaski S., Winter S., Vučelić D., Effect of some Quaternary Ammonium Salts on Planar Lecithin Membranes, Studia Biophys., 100, 113 (1984)
593. Dimitrijević R., Petranović N., Krstanović I., Šušić M., Mioč U., Crystal structure and mechanism of Ag^+ exchange on $\text{NaA} \cdot \text{NaNO}_3$ inclusion complex of zeolite A, Studies in Structure Science and Catalysis, 24, 453 (1984)
594. Miljanić Š. S., Radak B. B., Gas Analysis - An Improved Mathematical Model of Thermal Conductivity Detectors, Bull. Soc. Chim. Beograd, 49, 123 (1984)
595. Miljanić Š. S., Vibrational Self-relaxation of Group VI Hydrides. A Simple Theoretical Approach, J. Chem. Soc., Faraday Trans. II, 80, 275 (1984)
596. Antić-Jovanović A., Bojović V., Pešić D. S., Rakotoarijummy D., Weniger S., Study of isotopic $^{13}\text{C}_2$ bands of the Deslanders-d'Azambuja system, J. Mol. Spectrosc., 109, 18 (1985)
597. Antić-Jovanović A., Bojović V., Pešić D., Weniger S., The $\text{C}^1\Sigma\text{-A}^1\Sigma$ emission spectrum of $^{12}\text{C} \ ^{13}\text{C}$, Spectrosc. Lett., 18, 497 (1985)
598. Antunović-Holclajtner I., Tripković M., Radovanov S., Todorović M., The influence of non-easily ionized elements on emission intensities in a d.c. arc plasma, Spectrochim. Acta, 40B, 919 (1985)
599. Tripković M., Radovanov S., Antunović-Holclajtner I., Todorović M., The non-easily ionized elements as spectrochemical buffers, Fresenius Z. Anal. Chem. 322, 383 (1985)
600. Antunović-Holclajtner I., Residence time of particles in different arc zones, Glasnik Hem. društva Beograd, 50, 205 (1985)

1985–1985. Upravik Instituta za fizičku hemiju: Slavko Mentus

1985–1987. Upravik Instituta za fizičku hemiju: Slavko Mentus

601. Baranac J., Amić D., Spectrochemical investigations of the influence of pH-values of mechanism of structural transformation of 4-substituted flavylum chromophore, Glasnik Hem. društva Beograd, 50, 299 (1985)
602. Čeranić T., Radak V. M., Lukić T. M., Nikolić D., Properties of (Na, K) exchanged forms of NH_4^+ zeolite thermally treated at 873 K, Zeolites, 5, 42 (1985)
603. Čeranić T. S., Vučinić D., Držaj B., Hočevar S., Structural and thermal properties of exchanged forms of clinoptilolite from Zlatokop (Vranje) Yugoslavia, Zeolites, 5, 359 (1985)
604. Dondur V., Dimitrijević R., Rakić V., Vučinić D., High Temperature Transformations of NH_4^+ Zeolite, Thermochim. Acta, 93, 753 (1985)
605. Dondur V., Fidler D., Influence of the Energy Distribution Function on Thermodesorption, Surf. Sci., 150, 480 (1985)
606. Dondur V., Dimitrijević R., The thermodesorption kinetics of Water from Mordenite Stud. Surf. Sci. And Catal., 24, 345 (1985)
607. Anić S., Mitić D., Kolar-Anić Lj., The Bray-Liebhasky reaction. I. Controlled development of oscillations, Glasnik Hem. društva Beograd, 50, 53 (1985)
608. Kolar-Anić Lj., Cvjetičanin N., Nicolis G., The stochastic approach to monolayer adsorption. Fluctuations in the adsorbed amount, J. Serb. Chem. Soc., 50, 483 (1985)
609. Macura S., Brown L. R., Heteronuclear Two-Dimensional J-Resolved Spectroscopy of Macromolecules, J. Magn. Reson., 62, 328 (1985)
610. Macura S., Bremer J., Brown L. R., Heteronuclear Correlation 2D NMR Spectroscopy of Macromolecules, J. Magn. Reson., 64, 484 (1985)
611. Jeremić D., Macura S., Milosavljević S., Vajs V., A Novel Pimara-8(9),15-Diene from Lycopodium Europaeus, Tetrahedron, 41, 357 (1985)
612. Milosavljević S., Jeremić D., Macura S., Vajs V., A Novel Tetraoxygenated Delta 8(9), 15-Primaric Acid Methyl Ester from Lycopodium Europaeus – II, Croat. Chem. Acta, 58, 399 (1985)
613. Mentus S., Šušić M., Electrochemical decomposition of zinc chloride from molten salts on both glassy carbon and platinum electrodes, Glasnik Hem. društva Beograd, 50, 563 (1985)
614. Minić D., Šušić M., Mioč U., Petranović N., Behaviour and properties of the crystallohydrate $3\text{CdSO}_4 \cdot 8\text{H}_2\text{O}$ during dehydration, Materials in Chem. And Phys., 12, 389 (1985)
615. Mioč U. B., Petranović N. A., Minić D. M., Identification of the Low-Temperature Phase Transition of Some Solid Cadmium Crystallohydrates, Thermochim. Acta, 84, 239 (1985)
616. Perić M., Peyerimhoff S. D., Buenker R. J., Theoretical study of the UV spectrum of acetylene. II. Ab initio treatment of the Renner-Teller effects in $1^1\Pi_u$ and $1^1\Pi_g$ electronic states, Mol. Phys., 55, 1129 (1985)

617. Perić M., Peyerimhoff S. D., Buenker R. J., Ab initio Treatment of the Renner-Teller Effects and Application to Various AH_2 and HAB Molecules, *Intl. Rev. In Phys. Chem.*, 4, 85 (1985)
618. Petranović N., Dimitrijević D., The High Temperature Phase Transition in AgA and AgA. $AgNO_3$ Forms. Thermal and X-ray Properties, *Thermochim. Acta*, 84, 227, (1985)
619. Dimitrijević D., Petranović N., Krstanović I., Šušić M., Mioč U., Crystal Structure and Mechanism of Ag^+ ion Exchange on AnA. $NaNO_3$ Inclusion Complex of Zeolite A, *Stud. Surface Sci. And Catal.*, 24, 453 (1985)
620. Radić-Perić J., Perić M., Arc plasma in air with calcium and fluorine V. Effect of added fluorine on the transport of calcium particles, *Glasnik Hem. društva Beograd*, 50, 535 (1985)
621. Ribnikar S. V., Marković D. M., The question of changes of vibrational anharmonicity on condensation, *Bull. Acad. Serbe Sci. Arts*, 26, 41 (1985)
622. Ristić S., Baranac J., Spiridonović D., The endoperoxide form of rubrene and spectrochemical investigation of its formation kinetics, *Glasnik Hem. društva Beograd*, 50, 307 (1985)
623. Ristić S., Baranac J., Spiridonović D., Absorptiometric study of rubrenendoperoxide under various conditions, *Glasnik Hem. društva Beograd*, 50, 369 (1985)
624. Sužnjević D., Veselinović D., Vukelić D., Pavlović D., Nikolić A., Investigation of the system Butyrylthiocholineiodide-Butyrocholineesterase by cyclovoltammetry and chronopotentiometry using inert working electrodes, *Glasnik Hem. društva Beograd*, 50, 83 (1985)
625. Šušić M., Kinetics of devitrification (crystallization) of amorphous titanium, *Materials in Chem. And Phys.*, 12, 99 (1985)
626. Šušić M., Electrochemical behaviour of zeolite LiA and NaA modified by heating at 1123 K, *Bull. Acad. Serbe Sci. Arts*, 26, 69 (1985)
627. Šušić M., Mentus S., Pješčić M. G., The silver sulphate-zink sulphate system: phase diagram and electrochemical properties in solid state, *Glasnik Hem. društva Beograd*, 50, 45 (1985)
628. Anić S., Mitić D., Veselinović D., Kolar-Anić Lj., The Bray-Liebhafsky reaction. II. Potentiometric and pH-metric Tracing, *Glasnik Hem. društva Beograd*, 50, 529 (1985)
629. Veselinović D. S., Kapetanović V., Spectrophotometric Investigation of Cu(II) Ion Complexes with Ampicilline, *Glasnik Hem. društva Beograd*, 50, 401 (1985)
630. Veselinović D. S., Jelikić M., Tetracycline and Iron(III) Complex Compounds in Acid Medium, *Glasnik Hem. društva Beograd*, 50, 199 (1985)
631. Vučelić V., Vučelić D., Heat Capacities of Water in Zeolites, *Stud. Surf. Sci. and Cata.*, 475 (1985)
632. Anđus P. R., Radenović Č., Vučelić D., Temperature function of the Membrane Potential in Giant Algal Cells, *Period. Biol.*, 87, 1 (1985)
633. Miljanić Š. S., Temperature Dependence of the Vibrational Self-relaxation (ν_2) of Group VI Hydrides and Deuterides, *J. Chem. Soc., Faraday Trans. II*, 81, 517 (1985)

634. Ikononov N., Holclajtner-Antunović I., Todorović M., Kovačić N., Reactivity of ethanol molecules in RF discharge, *J. Serb. Chem. Soc.*, 50, 107 (1985)
635. Radovanov S., Antunović-Holclajtner I., Tripković M., On plasma composition of a pulsed discharge in electrolyte, *Plasma Chem. And Plasma Processing*, 6, 457 (1986)
636. Radovanov S., Tripković M. Antunović-Holclajtner I., Diagnostics of pulsed discharged plasma in electrolyte, *Beitrage der Plasma Physik*, 26, 6 (1986)
637. Stanković J. B., Milonjić S. K., Kopećni M. V., Čeranić T. S., A titrimetric investigation of surface properties of amorphous zirconiumoxide, *Glasnik Hem. društva Beograd*, 51, 95 (1986)
638. Mičić O. I., Nenadović M. T., Rajh T., Dimitrijević N. M., Nozik A. J., Electron transfer reaction on extremely small semiconductor colloids studied by pulse radiolysis, *NATO ASI Ser.*, 174C, 213 (1986)
639. Dondur V., Dimitrijević R., The Thermal Transformation of NaLiA Zeolites. A New Polmorph in the System $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$, *J. Solid State Chem.*, 63, 46 (1986)
640. Fejzo J., Plesničar M., Cerović Z.G., The influence of menadion on slow secondary fluorosence kinetics in intact isolated chloroplasts, *Proc. R. Soc. Lond.B.*, 228, 471 (1986)
641. Anić S., Kolar-Anić Lj., Some new details in the kinetic considerations of the oscillatory decomposition of hydrogen peroxide, *Ber. Bunsenges. Phys Chem.*, 90, 539 (1986)
642. Anić S., Kolar-Anić Lj., The oscillatory decomposition of H_2O_2 monitored by the potentiometric method with Pt and $\text{Ag}^+/\text{S}^{2-}$ indicator electrode, *Ber. Bunsenges. Phys Chem.*, 90, 1084 (1986)
643. Konjević R., Konjević N., Stark broadening and shift of neutral copper spectral lines, *Fizika*, 18, 327 (1986)
644. Macura S., Farmer B.T., Brown L.R., An Improved Method of the Determination of Cross Relaxation Rates from NOE Data, *J. Magn. Reson.*, 70, 493 (1986)
645. Zolnai Z., Macura S., Markley J.L., An Effectient Method for Eliminating Noise in Two-Dimensional Nuclear Magnetic Resonance Spectra, *Computer Exchanged Spectroscopy*, 3, 141 (1986)
646. Marković D., Veselinović D., Obradović M., Reaction of Hydroxybenzenes in Strongly Acidic Media. VIII. Molybdenum(VI) and Phenol Reaction in Concentrated Aqueous Sulphuric Acid, *Can. J. Chem.*, 64, 2334 (1986)
647. Bačić S., Mentus S., Vuković Ž., Electrical properties of highly dispersed barium carbonate, *Glasnik Hem. društva Beograd*, 51, 23 (1986)
648. Mentus S., Gajinov S., The imedance of platinum electrodes in aqueous KCl and KI solutions in a frequency range 1-40 KHz, *Glasnik Hem. društva Beograd*, 51, 161 (1986)
649. Minić D., Šušić M., Atanasoska Lj., The admittance boundary at an $\text{Ag}/\text{CdBr}_2 \cdot 4\text{H}_2\text{O}$ interface during a dehydration process, *Materials in Chem. And Phys.*, 14, 247 (1986)

650. Mioč U., Huong P. V., Ledon H., Effect of 'dimerization' on the structure of molybdenum tetraphenylporphyrin, *J. Mol. Struct.*, 142, 481 (1986)
651. Mioč U. B., Petranović N. A., Pajić L., The influence of thermal treatment on the nitrate band intensities in infra-red spectra of nitrate inclusion complexes of the zeolite 4A, *J. Incl. Phenomena*, 4, 69 (1986)
652. Todorović M., Mioč U., Bulajić R., Investigation of maltenes from Ural petroleum, *Glasnik Hem. društva Beograd*, 51, 309 (1986)
653. Perić M., Hess B. A., Buenker R. J., Ab initio MRD-CI study of the Renner-Teller effect and spin-orbit coupling in the $X^2\Pi$ ground of NCO, *Mol. Phys.*, 58, 1001 (1986)
654. Perić M., Buenker R. J., Peyerimhoff S. D., Use of trigonometric series for solution of the Schrodinger equation for bending vibrations in triatomic molecules, *Mol. Phys.*, 59, 1283 (1986)
655. Radić-Perić J., Perić M., Evaluation of partition function of triatomic amolecules using data obtained by ab initio calculations – sums of states of electronic states, *Z. Naturforsch.*, 42a, 103 (1986)
656. Savić P., Teleki G., Comments on „the origin of the Earth-Moon system“, *Earth, Moon and Planets*, 36, 139 (1986)
657. Sužnjević D., Aleksić B. D., Aleksić B. R., Marković B., Formation and properties of the active layer insupported metallic oxidation catalysts, *Surf. And Coat. Technolo.*, 29, 123 (1986)
658. Šušić M., Kinetic of thermal devitrification (crystallization) of some glassy iron based alloys, *J. Mat. Sci. Lett.*, 5, 1251, (1986)
659. Šušić M., Electrochemical and thermal behaviour of solid AgI-AgI₃ and AgI-Ag₃AsO₄, *Electrochim. Acta*, 31, 1117 (1986)
660. Novaković R., Radanović B., Stoiljković Z., Mikielj V., Šušić M., Ristić M. M., Property-Composition Interconnections in the MgO-Al₂O₃-SiO₂ System, *Interceram*, 365, 53 (1986)
661. Šušić M., Budberg P. B., Alisova S. P., Kinetics of thermal devitrification (crystallization) of a titanium amorphous alloy, *J. Mat. Sci.*, 21, 1297 (1986)
662. Šušić M., Budberg P. B., Alisova S. P., The kinetics of the thermal devitrification of the TiNi-TiCu amorphous alloy, *Materials in Chem. Phys.*, 15, 457 (1986)
663. Radak B. B., Miljanić Š. S., A Gas Cell for Simultaneous Photoacoustic/Thermal Lens Detection, *J. Serb. Chem. Soc.*, 51, 37 (1986)
664. Radovanov S., Tripković M., Holclajtner-Antunović I., Ispitivanje plazme impulsnog pražnjenja u elektrolitu, *Vestnik Slov. Kem. Društva*, 33, 129 (1986)
665. Lalić M., Jeremić M., Antić-Jovanović A., Bojović V., Investigation of Mg(ClO₄)-NaSCN-organic solvent interaction by raman spectroscopy, *Vestnik Slov. Kem. Soc.*, 33, 79 (1986)

1987–1989. Upravik Instituta za fizičku hemiju: Vera Dondur

666. Pešić D. S., Antić-Jovanović A., Bojović V., Weniger S., The 2-0 bands of the Phillips system of $^{12}\text{C}^{13}\text{C}$ and $^{13}\text{C}_2$ Molecules, J. Serb. Chem. Soc., 52, 6 (1987)
667. Bačić G., Ratković S., NMR studies of radial water exchange and distribution of water in maize roots: The relevance of modeling of exchange kinetics, J. Exp. Bot., 38, 1284 (1987)
668. Osmanović S., Bačić G., Beleslin B., Relative contribution of two mechanisms to post-stimulus hyper-polarization in leech Retzius cells, Comp. Biochem. Physiol., 88a, 235 (1987)
669. Ratković S., Bačić G., ^1H NMR techniques in studies of transpor of paramagnetic ions in multicellular systems, Gen. Physiol. Biophys. 6, 609 (1987)
670. Baranac J., Vukanović-Georgijević V., Spiridonović D., Mehmedbašić I., Spectral characteristics of the fundamental absorption bands of chlorophyll a and b in vitro, J. Serb. Chem. Soc., 52, 411 (1987)
671. Čeranić T. S., Lukić T., Jovović I., The ionic exchange capacity for cesium of natural clinoptilolite from Zlatokop (Vranje), J. Serb. Chem. Soc., 52, 553 (1987)
672. Čeranić T. S., Tomazović B., Sijerić G., Lukoć T., The properties of NH_4 -clinoptilolite. I. Purity of the sample, J. Serb. Chem. Soc., 52, 487 (1987)
673. Čeranić T. S., Tomazović B., Sijerić G., Lukić T., The properties of NH_4 -clinoptilolite. Part II. Thermal behavior, J. Serb. Chem. Soc., 52, 487 (1987)
674. Kamat P. V., Dimitrijević N. M., Fessenden R. W., Photoelectrochemistry in Particulate System. 6 Electron-Transfer Reactions on Small CdS Colloids in Acetonitrile, J. Phys. Chem., 91, 396 (1987)
675. Dimitrijević N. M., Electron Trensfer Reactions of CdSe Colloids as Studied by Pulse Radiolysis, J. Chem Soc., Faraday Trans. I, 83, 1193 (1987)
676. Dimitrijević N. M., Kamat P. V., Transient Photobleaching of Small CdSe Colloids in Acetonitrile. Anodic Decomposition, J. Phys. Chem., 91, 2096 (1987)
677. Dimitrijević N.M., Kamat P.V., Formation and Corrosion Processes of Colloidal In_2Se_3 , Langmuir, 3, 1004 (1987)
678. Dondur V., Fidler D., Adnađević B., Rakić V., The Kinetics of Water Desorption from Porous Glasses, J. Therm. Anall., 32, 613 (1987)
679. Dondur V., Karge H., Function of Energy Distributions of Acid Sites on HY Zeolite, Surf. Sci., 189, 873 (1987)
680. Furtula V., Walko R. M., Nothnagel E. A., Direct Covalent Linkage of Fluorescent Probes to the Plant Protoplast Surface, Protoplasma, 139, 117 (1987)
681. Wilko R. M., Furtula V., Nothnagel E. A., Analysis of Labeling of Plant Protoplast Surface by Fluorophore-Conjugated Lecitins, Protoplasma, 141, 33 (1987)
682. Lalić M., Jeremić M., Antić-Jovanović A., Raman spectral study of solution of LiClO_4 and $\text{Sr}(\text{ClO}_4)_2$ in some organic solvents, J. Mol. Liquids, 39, 105 (1987)

683. Anić S., Kolar-Anić Lj., The influence of potassium iodate on hydrogen peroxide decomposition in Bray-Liebhaftky reaction, *Ber. Busengas. Phys. Chem.*, 91, 1010 (1987)
684. Farmer B. T., Macura S., Brown L. R., Relay Artifact in Roesy Spectra, *J. Magn. Reson.*, 72, 347 (1987)
685. Vajs V., Milosavljević S., Jeremić D., Macura S., Two-Dimensional NMR Spectra of Sesquiterpenes: I NOESY Study of Caryophyllenes from *Inula Spiraefolia*, *Magn. Reson. In Chemistry*, 25, 889 (1987)
686. Vukmirović Z., Spasova D., Marković D., veselinović D., Vukmirović D., Stanojević Č., Popović M., Hadžipavlović A., Some Characteristic of Oxidants Occurrence in the Atmosphere of Belgrade, *Atmosfer. Environ.*, 21, 1637 (1987)
687. Stepanyan A., Gribov L. A., Mioč B., Ribnikar S. V., Infrared spectra of aliphatic amine carbamates and the solution of the inverse spectroscopic problem, *Glasnik Hem. društva Beograd*, 52, 271 (1987)
688. Mioč U. B., Minić D. M., Vibrational study of magnesium acid trihydrate, *J. Serb. Chem. Soc.*, 52, 317 (1987)
689. Perić M., Radić-Perić J., A theoretical and experimental study of the lowest excited singlet and triplet states of C_2 , *J. Serb. Chem. Soc.*, 52, 389 (1987)
690. Perić M., Dohman H., Peyerimhoff S. D., Buenker R. J., Potential Surfaces for Valence-Type Singlet Electronic States of the HCN Molecule, *Zeitschrift fur Physik D/Atoms, Molecules and Clusters*, 5, 65 (1987)
691. Perić M., Buenker R. J., Peyerimhoff S. D., Theoretical study of the vibronic structure of the $1^1\Pi-X^1\Sigma^+$ electronic transition in HCN and DCN, *Molec. Phys.*, 62, 1323 (1987)
692. Perić M., Peyerimhoff S. D., Buenker R. J., Theoretical study of the UV spectrum of acetylene. II. Ab initio investigation of the valence-type singlet electronic state, *Molec. Phys.*, 62, 1339 (1987)
693. Petranović N., Popović N., Reaction Mechanism of Ag-Carnegieite Formation, *Material Sci. Monograph.*, Ed. P. Vincenzini, Milan, 38c, 2181 (1987)
694. Petranović N., Mioč U., Minić D., Kinetic Aspect of Thermal Treatment of Acid Crystallohydrate $MgHPO_4 \cdot 3H_2O$. Part 1. Changes in IR Spectra and Proton Delocalization, *Themochim. Acta*, 116, 131 (1987)
695. Petranović N., Mioč U., Minić D., Kinetic Aspect of Thermal Treatment of Acid Crystallohydrate $MgHPO_4 \cdot 3H_2O$. Part 2. Dehydration and Accompyning Effects, *Themochim. Acta*, 116, 137 (1987)
696. Petranović N., Mentus S., Šušić M., Glassy State Formation in the System $xAgI.(1-x)Sb_2S_3$, *Solid State Ionics*, 25, 139 (1987)
697. Ribnikar S. V., Marković D. M., The question of changes of vibrational anharmonicity on condensation. II., *J. Serb. Chem. Soc.*, 52, 361 (1987)

698. Ribnikar S. V., Izotopijske hemijske ravnoteže, Glas Srpske Akademije Nauka i Umetnosti, 51, 161 (1987)
699. Savić P., Urošević V., Photoconductivity of CdS under high Pressure, Chem. Phys. Lett., 135, 393 (1987)
700. Šušić M., Kinetics of glassy phase devitrification of some superionic conductors based on silveiodide, Materials in Chem. And Phys., 18, 307 (1987)
701. Šušić M., Investigation concerning corrosion of amp+orphous titanium alloy in 0,2N H₂SO₄, Bull. Acad. Serbe Sci. Arts, XCII, 27, 1 (1987)
702. Maričić A. M., Šušić M., Kinetics and thermodynamics of cooper powder pellet recovery, Sci. Sint., 19, 89 (1987)
703. Šušić M., Kinetics of thermal devitrification of some titanium amorphous alloys, J. Mat. Sci., 22, 3011 (1987)
704. Veselinović D., Jelikić-Stankov M., Spectrophotometric Determination of Tetracycline and Doxycycline inPharmaceutical Preparations, Pharmazie, 42, 199 (1987)
705. Perović B. M., Veselinović D. S., Study of the Process of Electrochemical Deposition of Metal on Anodized Aluminium, J. Serb. Chem. Soc., 52, 355 (1987)
706. Anđus P. R., Sjerić R., Vučelić D., The Temperature Peaks of Cell Membrane Permeability, Structure Dynamics and Function of Biomolecules, A.Ehrenberg, p. 299 (1987)
707. Shilnikov G. V., Sarvazyan A. P., Okon M., Zakrezewska J., Hranisavljević J., Vučelić D., Interaction of fatty acid sodium salts with sodium deoxycholate, J. Lipid Res., 28, 1259 (1987)
708. Krsmanović V. D., Vučelić V., Vučelić D., Vitorović D., Thermoanalytical Characterization of Precipitated Acids Obtained by Alkaline Permanganate Pegradation of an Oil Shale Kerogen, J. Therm. Anal., 32, 835 (1987)
709. Radak B. B., Petkovska Lj. T., Miljanić Š. S., Miljević N. R., Pupezin J. D., Hydrogen Chemisorption Kinetics Measured by a Temperature Programmed Desorption Method J. Serb. Chem. Soc., 52, 25 (1987)
710. Miljanić Š. S., Pupezin J. D., Matić M. D., Golobočanin D. D., Determination of Deuterium in Water Near Natural Contents by Infrared Spectrophotometry Method, J. Serb. Chem. Soc., 52, 99 (1987)
711. Holclajtner-Antunović I., Ikonov N., Todorović M., Kovačić N., Vuksan-Ljuština G., Investigation of nitrogen oxide synthesis in r.f. discharge, J. Serb. Chem. Soc., 52, 349 (1987)
712. Anić S., Mitić D., Ćurčića M., The Bray-Lliebhafsky Reaction. III. Oscillatory Decomposition of H₂O₂ in the presence of Comparatively High Acidity, J. Serb. Chem. Soc., 52, 575 (1987)

1988–1993.

713. Perić M., Buenker R. J., Peyerimhoff S. D., Ab initio CI study of the vibrational structure of the $1^1\Sigma^-(1^1A'')\leftarrow X$ and $11\Delta(2^1A', 2^1A'')\leftarrow X$ electronic transitions in HCN and DCN, *Mol. Phys.*, 64, 843 (1988)
714. Perić M., Bhanuprakash K., Buenker R. J., Ab initio MRD-CI study of the Renner–Teller effect and spin–orbit coupling in the $X^2\Pi_g$ ground state of BO_2 , *Mol. Phys.* 65, 403 (1988)
715. Neuber M., Dondur V., Karge H., Pacheco L., Ernst S., Weitkamp J., Spectroscopic and Catalytic Characterization of Faujasites Dealuminated via the $(NH_4)SiF_6$, *Stud. Surf. Sci. Catal.*, 37, 461 (1987)
716. Šušić M. V., Superjonski provodnici i staklasto (amorfno) stanje materijala, *Glas SANU Odeljenje prirodno-matematičkih nauka*, 353, 52, 133 (1998)
717. Šušić M. V., Minevski Lj. M., Kinetics of thermal devitrification of glassy $Pd_xNi_ySi_z$ alloys and hydrogen absorption, *B. Acad. Serb.*, 98, 30, 23 (1998)
718. Šušić N. V., Kinetic of glassy phase devitrification of some superionic conductors based on silveriodide, *Mater. Chem. Phys.*, 18, 307 (1988)
719. Minić D. M., Šušić M. V., Marković R., Electrical conductivity of solid di(3,5-lutidinium)tetra chloromanganate(II), *Mater. Chem. Phys.*, 20, 503 (1988)
720. Šušić M. V., Maričić A. M., Correlation between the thermal change of resistance and the process of devitrification of glassy titanium based alloy, *Mater. Chem. Phys.*, 19, 517 (1988)
721. Minić D. M., Šušić M. V., Petranović N. A., Dimitrijević R. Ž., Electrical conductivity of acid crystallohydrate $MgHPO_4 \cdot 3H_2O$ and its structural informations, *Mater. Chem. Phys.*, 19, 579 (1988)
722. Šušić M. V., Solonin Y. M., Thermal investigation of hexagonal hydrogen bronze H_xWO_3 , *J. Mater. Sci.*, 23, 267 (1988)
723. Šušić M. V., Uskoković D. P., Crystallization kinetics of amorphous $Ni_{78}P_{22}$ powders and hydrogen adsorption on both amorphous and crystal alloy powders, *J. Mater. Sci.*, 23, 4076 (1988)
724. Šušić M. V., Kinetic and thermodynamic research of hydrogen absorption by CoZr and NiZr alloys, *Int. J. Hydrogen Energ.*, 13, 173 (1988)
725. Šušić M. V., Litvinenko Y. M., Kinetic of the crystallization process of the amorphous metal powder alloy $Co_{84}Fe_{8.5}Si_{2.5}B_{2.5}$, *Z. Metallkd.*, 79, 20 (1988)
726. Šušić M. V., Maričić A. M., Kinetics of thermal devitrification and correlation with the change of electrical conductivity of glassy alloys $Ti_xCu_yNi_zSi_v$, *Z. Metallkd.*, 79, 759 (1988)
727. Bogunović Lj. J., Dragojević M. D., Ribnikar S. V., Mioč U. B., Infrared spectroscopic study of hydrogen-bonded complexes of triphenylsilanol and triphenylcarbinol with ethers, *J. Mol. Struct.*, 175, 271 (1988)

1988. Formiran OOUR Fakultet za fizičku hemiju

728. Mioč U. B., Bogunović Lj. J., Ribnikar S. V., Dragojević M. D., Investigation of the hydrogen bonding of triphenylsilanol and triphenylcarbinol in ketonic solvents by means of infrared spectroscopy, *J. Mol. Struct.*, 177, 379 (1988)
729. Demsar F., Walczak T., Morse II P. D., Bačić G., Zolnai Z., Swartz H.M., Detection of diffusion and distribution of oxygen by fast scan EPR imaging, *J. Magn. Reson.*, 76, 224 (1988)
730. Bačić G., Niesman M. R., Bennett H. F., Magin R. L., Swartz H. M., Modulation of water proton relaxation rates by liposomes containing paramagnetic materials *Magn. Reson. Med.*, 6, 445 (1988)
731. Bačić G., Walczak T., Demsar F., Swartz H. M., Electron spin resonance imaging of tissues with lipid-rich areas, *Magn. Reson. Med.*, 8, 209 (1988)
732. Bačić G., Demsar F., Zolnai Z., Swartz H. M., Contrast enhancement in ESR imaging: Role of oxygen, *Magn. Reson. Med. Biol.*, 1, 55 (1988)
733. Mentus S., Marković M., A simple gas chromatograph, *School Science Review*, 70, 73 (1988)
734. Marković D., Jeremić M., Antić-Jovanović A., The acid-base properties of amide bands, *Periodicum Biologorum*, 90, 143 (1988)
735. Antić-Jovanović A., Bojović V., Pešić D., Electronic bands of the BeOH and BeOD, *Spectrosc. Lett.*, 21, 757 (1988)
736. Lalić M., Jeremić M., Antić-Jovanović A., Bojović V., Raman spectral study of solution of LiClO_4 and $\text{Sr}(\text{ClO}_4)_2$ in some organic solvents, *J. Mol. Liquids*, 39, 105 (1988)
737. Neuber M., Dondur V., Karge H., Pacheco L., Weitkamp J., Spectroscopic and catalytic characterization of faujasites dealuminated via the $(\text{NH}_4)_2\text{SiF}_6$ method, *Stud. Surf. Sci. Catal.*, 37, 461 (1988)
738. Dondur V., Petranović N., Gutze A., Dimitrijević R., Kinetics and mechanism of b'eucryptitet crystallization in non-isothermal conditions, *Termochimica Acta* 135, 365 (1988)
739. Anić S., Mitić D., The Bray-Liebhaufsky Reaction. IV. New Results in the Study of the Hydrogen Peroxide Oscillatory Decomposition at High Acidity, *J. Serb. Chem. Soc.*, 53, 371 (1988)
740. Anić S., Kolar-Anić Lj., Kinetic Aspect of the Bray-Liebhaufsky Oscillatory Reaction, *J. Chem. Soc., Faraday Trans. I*, 84, 3413 (1988)
741. Thümmel H., Perić M., Peyerimhoff S. D., Buenker R. J., Ab initio calculation of the potential surfaces for low-lying valence electronic states of the C_2H radical, *Z. Phys. D Atom Mol. Cl.*, 13, 307 (1989)
742. Šušić M. V., Minevski Z. S., Minevski Lj. V., Electrochemical oxidation of coal slurries. Part II. Mechanism and kinetic determinations, *J. Serb. Chem. Soc.*, 54, 99 (1989)
743. M.V. Šušić, I.P. Arsent'eva, M.M. Ristić: Thermal behaviour of ultradispersed nickel powder in nitrogen, argon and hydrogen atmospheres, *J. Serb. Chem. Soc.*, 54, 473 (1989)

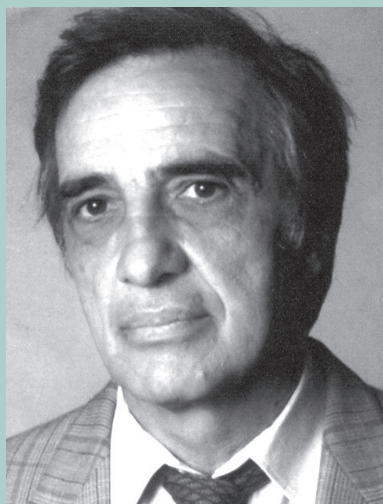
744. Šušić M. V., Hydrides of metals and oxide bronzes, J. Serb. Chem. Soc., 54, 485 (1989)
745. Šušić M. V., Solonin Y. M., Kinetic–thermal processes of hydrogen sorption on Pd/WO₃ and Pd/MO₃ bronzes, J. Mater. Sci., 24, 3691 (1989)
746. Šušić M. V., Zdujić M., Karanović Lj., Uskoković D., Crystallization kinetics of partially crystallized Ti–5 Al powders obtained by rotating electrode process, Z. Metallkd., 80, 497 (1989)
747. Žižić O., Mioč U., Popović Z., Srećković M., The effect of manganese on the energy gap of the semiconducting alloy Hg_{1-x}Mn_xSe, Fizika, 31, 278 (1989)
748. Popović Z., Žižić O., Mioč U., Čogurić G., Optical characteristics Hg_{1-x}Mn_xSe, Fizika, 21, 283 (1989)
749. Petranović N., Mioč U. B., Study of the amine behaviour on zeolite 3A. Part I. Mechanism of the catalytic decomposition of adsorbed ethylamine, J. Serb. Chem. Soc., 54, 211 (1989)
750. Mioč U. B., Petranović N., Study of the amine behavior on zeolite 3A. Part II. Hydrogen isotope exchange of ethylene and ammonia on zeolite 3A. J. Serb. Chem. Soc., 54, 217 (1989)
751. Mioč U., Bogunović Lj. J., Ribnikar S. V., Stanković N., Hydrogen-bond complexes of carbinols and silanols with ketones. Infrared spectroscopic study and determination of thermodynamic data, J. Serb. Chem. Soc., 54, 541 (1989)
752. Ma L. D., Magin R. L., Bačić G., Dunn F., The effects of D₂O on the phase transition of LUV suspensions as detected by ultrasound spectroscopy and electron spin resonance, Biochim. Biophys. Acta, 978, 283 (1989)
753. Bačić G., Nilges M. J., Magin R. L., Walczak T., Swartz H. M., In vivo localized ESR spectroscopy reflecting metabolism, Magn. Reson. Med., 10, 266 (1989)
754. Bačić G., Alameda Jr J. C., Ianone A., Magin R. L., Swartz H. M., NMR study of water exchange across the hepatocyte membrane, Magn. Reson. Imaging, 7, 411 (1989)
755. Woods R. K., Bačić G., Lauterbur P. C., Swartz H. M., Three dimensional electron spin resonance imaging, J. Magn. Reson., 84, 247 (1989)
756. Bačić G., Nilges M. J., Walczak T., Swartz H. M., The use of in vivo EPR to follow the pharmacokinetics of drugs, Phys. Medica, 5, 307 (1989)
757. Radić-Perić J., A method for solution of differential equations describing diffusion in presence of external fields, Studies in Physical Chemistry, 63, 411 (1989)
758. Anić S., Stanisavljev D., Krnajić Belovljek G., Kolar-Anić Lj., Examination of the temperature variations on the Bray-Liebhafsky oscillatory reaction, Ber. Bunsenges. Phys. Chem., 93, 488 (1989)
759. Hercigonja R. V., Radak V. M., Gal I. J., Heats of sorption of n-hexane on zeolites M_xNa_{56-2x}Y (M=Co, Ni, Zn, Cd), Zeolites for the Nineties, Editors: J.C.Jansen, L.Moscou and M.F.Post, Amsterdam, 339 (1989)

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760. Hercigonja R., Radak V., Sorption of n-heksane on cation-exchanged X and Y zeolites containing some divalent transition metal ions, *Colloid. Surface.*, 34, 111 (1989)
761. Radovanov S., Holclajtner-Antunović I., Tripković M., Thermal plasma composition in the presence of Easily and Noneasily ionized components, *Plasma Chem. Plasma P.*, 9, 445 (1989)
762. Holclajtner-Antunović I., Tripković M., Radovanovanov S., Andrić G., Spectroscopic study of the influence of iodine on metal halide discharges, *J. Anal. Atom Spectrom.*, 4, 593 (1989)
763. Cvjetičanin N., Mentus S., Petranović N., The impedance measurements on metal-silicate systems, *Fizika*, 21, 419 (1989)
764. Mentus S., Mentus Z., Impedance of the redox I_2/I^- reaction on a pyrolytic carbon electrode, *J. Serb. Chem. Soc.*, 54, 513 (1989)
765. Radak B. B., Petkovska Lj. T., Miljanić Š. S., CO_2 -laser Photoacoustic Detection of Heavy Water Vapour: Basic Principles, *J. Radioanalyt. Nucl. Chem.*, 129, 351 (1989)
766. Antić-Jovanović A., Bojović V., Pešić D., Emission spectrum of BeO in near ultraviolet region, *Spectrosc. Lett.*, 22, 1301 (1989)
767. Antić-Jovanović A., Jeremić M., Lalić M., Long D. A., Raman spectral study of the $Mg(ClO_4)_2 \cdot NaSCN \cdot H_2O$ system at ambient and elevate temperature, *J. Raman Spectrosc.* 20, 523 (1989)
768. Antić-Jovanović A., Pešić D. S., Srdanov V., Analysis of the perturbations in the green bands of NiO, *J. Serb. Chem. Soc.*, 54, 535 (1989)
769. Bojović V., Antić-Jovanović A., Pešić D. S., Weniger, S., Isotope shift study of the blue-green system of BeO, *J. Serb. Chem. Soc.*, 54, 669 (1989)
770. Anić S., Vukojević V., Radenković M., Kolar-Anić Lj., New approach to the study of the peroxide kinetics of the Briggs-Rauscher oscillatory reaction, *J. Serb. Chem. Soc.*, 54, 521 (1989)
771. Anić S., Kolar-Anić Lj., Potenciometrijska određivanja katalitičkog razlaganja vodonikperoksida u cilju postavljanja izraza za brzinu reakcije pri niskim kiselostima sistema, *Glas.Hem. Teh. Makedonija*, 7, 299 (1989)
772. Anić S., Mitić D., Osetljivost Bray-Liebhaufsky reakcije na prisustvo hloridnih jona, *Glas.Hem. Teh. Makedonija*, 7, 203 (1989)
773. Kolar-Anić Lj., Dondur V., The average rate constant of the overall process of desorption from the energetically heterogeneous surface, *Z. Phys. Chemie, Leipzig*, 270, 737 (1989).
774. Kolar-Anić Lj., Stochastic analysis of the process of desorption from the energetically heterogeneous surface, *Studies in Physical and Theoretical Chemistry*, 63, 379 (1989)
775. Sannigrahi A. B., Perić M., Ab initio MRD-CI study of the FH^- ion, *J. Mol. Struc.-Theochem* 209, 9 (1990)
776. Perić M., Buenker R. J., Peyerimhoff S. D., Ab initio investigation of the vibronic structure of the C_2H spectrum II. Calculation of diabatic potential surfaces for the three lowest-lying electronic states in C_2H , *Mol. Phys.* 71, 673 (1990)

777. Perić M., Peyerimhoff S. D., Buenker R. J., Ab initio investigation of the vibronic structure of the C_2H spectrum III. Calculation of vibronic energies and transition probabilities in the $X^2\Sigma^+$, $A_2\Pi$ system, *Mol. Phys.*, 71, 693 (1990)
778. Šušić M. V., Maričić A. M., Ristić M. M., Kinetics and mechanism of the release of energy of deformation induced during copper powder pressing, *J. Serb. Chem. Soc.* 55, 213 (1990)
779. Maričić A. M., Šušić M. V., Jordović B. A., Correlation between the stabilization process and the electrical conductivity of the pressed (cold sintered) copper powder, *Sci. Sinter.*, 22, 107 (1990)
780. Šušić M. V., Mihelić B., Uskoković D. P., Crystallization kinetics and thermal stability of shock-compacted amorphous $Ni_{78}P_{22}$, *Mater. Lett.* 9, 215 (1990)
781. Šušić M. V., Pan S. U., Maričić A. M., Kinetics and thermal devitrification (crystallization) of $Fe_xCr_yB_z$ glassy alloys, *J. Mater. Sci.*, 25, 1369 (1990)
782. Mentus S. V., Šušić M. V., Superionic conductivity in the $AgI-AgVO_3$ system, *Solid State Ionics*, 38, 195 (1990)
783. Mioč U. B., Infracrvena spektroskopija sa Furijeovom transformacijom. Osnovni principi i primena, *Hem. Ind.*, 44, 372 (1990)
784. Bogunović Lj. J., Mioč U., Ribnikar S. V., $NH...p$ molecular complexes of N-trimethylsilylacetamide and aromatic donor molecules, *J. Mol. Struct.*, 219, 227 (1990)
785. Mioč U., Colomban Ph., Novak A., Infrared and Raman study of some heteropolyacid hydrates, *J. Mol. Struct.*, 218, 123 (1990)
786. Mioč U., Jovanović L., Crystal structure and morphology of the heteropolyacid $H_3PMo_{12}O_{40} \times 30 H_2O$, *Ann. Géologique de la Péninsule Balkanique*, 54, 387 (1990)
787. Petranović N., Minić D., Dimitrijević R., Fast Ionic Conductors Based on Cadmium Inclusion Complexes of Zeolite A and their High Temperature Treated Forms, *Mater. Chem. Phys.*, 25, 177 (1990)
788. Kadljković-Rajić K., Jovanović T., Korićanac Z., Stanković B., Minić D., Electrochemical Behaviour and Detection of Quinolinium and Isoquinolinium Oximes, *Electroanalysis*, 2, 139 (1990)
789. Bačić G., Srejić R., Ratković S., Water transport through membranes: A review of NMR studies on model and biological membranes, *Studia Biophys.*, 138, 95 (1990)
790. Bačić G., Niesman M. R., Magin R. L., Swartz H. M., NMR and ESR study of liposome delivery of Mn^{2+} to murine liver, *Magn. Reson. Med.*, 13, 44 (1990)
791. Dobrucki J. W., Demsar F., Walczak T., Woods R. K., Bačić G., Swartz H. M., Electron spin resonance microscopy of an in vitro tumor model, *Brit. J. Cancer*, 61, 221 (1990)
792. Niesman M. R., Bačić G., Wright S. M., Swartz H. M., Magin R. L., Liposome encapsulated $MnCl_2$ as a liver specific contrast agent for magnetic resonance imaging, *Invest. Radiol.*, 25, 545 (1990)

793. Sentjurs M., Bačić G., Swartz H. M., Reduction of doxyl stearate by ascorbate in unilamellar liposomes, *Arch. Biochem. Biophys.*, 282, 207 (1990)
794. Magin R. L., Niesman M. R., Bačić G., Influence of fluidity on membrane permeability: Correspondence between studies of membrane models and simple biological systems, *Adv. Membrane Fluidity*, 4 221 (1990).
795. Petrović P., Dragutinović G., Bačić G., Gradient-eho imidžing: primena u neuroradiologiji, *Farm. vestn.*, 41, 351 (1990)
796. Poleksić Lj., Zdravković Dj., Atanacković M., Bačić G., Tumori mekih tkiva: vizuelizacija magnetnom rezonancijom, *Farm. vestn.*, 41, 354 (1990)
797. Bačić G., MRI kontrasti: mehanizam i primena, *Farm. Vestn.*, 41, 280 (1990)
798. Radić-Perić J., Thermodynamic study of air gas system in the presence of silicon and fluorine, *Computers Chem.*, 14, 343 (1990)
799. Radić-Perić J., Applicability of the Ritz-Galerkin's method for treatment of diffusion processes, *Z. Phys. Chemie*, 271, 127 (1990)
800. Kolar-Anić Lj., Stanisavljev D., Krnaiski Belovljjev G., Peeters Ph., Anić S., The first maximum of the iodide concentration in the Bray-Liebafsky reaction, *Comp. Chem.*, 14, 345 (1990)
801. Kolar-Anić Lj. Z., Mišljenović Đ. M., Stanisavljev D. R., Anić S. R., On the applicability of the Schmitz's model to dilution reinitiated oscillations in the Bray-Liebafsky reaction, *J. Phys. Chem.*, 94, 8144 (1990)
802. Hercigonja R., Radak V., Gal I., Milutinović Z., The sorption of n-hexane and benzene on ion-exchanged M-Y zeolite (M=Li,Na,K,Tl), *J. Serb. Chem. Soc.*, 12, 731 (1990)
803. Mentus Z., Mentus S., Marinković N., Laušević Z., Investigation on glassy carbon deactivation on aging in air, *J. Electroanal. Chem.*, 283, 449 (1990)
804. Miljanić Š., Jevtić N., Pešić S., Ninković M., Nikolić D., Josipović M., Petkovska Lj., Bačić S., Šutej T, Matic S., An Attempt to Replicate Cold Fusion Claims, *Fusion Technology*, 18, 340 (1990)
805. Tripković M., Todorović M., Holclajtner-Antunović I., Possibility of application of double plasma arc source in a graphite tube for the determination of noble metals in rocks, *J. Serb. Chem Soc.*, 55, 271 (1990)
806. Mišljenović Đ., Kolar-Anić Lj., First integral method for evaluation of the relations between components of complex reactions systems, *Croat. Chem. Acta*, 63, 693 (1990).
807. Karge H. DondurV., Investigation of the distribution of acidity strength in zeolite by temperature-programmed desorption of probe molecules. 1. Dealuminated mordenites, *J. Phys. Chem.*, 94, 765 (1990)
808. Karge H. DondurV., Weitkamp J., Investigation of the distribution of acidity strength in zeolite by temperature-programmed desorption of probe molecules. 2. Dealuminated Z-type zeolite, *J. Phys. Chem.*, 95, 283 (1991)

809. Jovanovic D., Dondur V., Terlecki-Baricevic A., Grbić B., Three-way activity and Sulfur Tolerance of single phase perovskites, *Stud. Sur. Sci. Catal.*, 71, 275 (1991)
810. Dimitrijević R., Dondur V., Petranović N., The high temperature synthesis of CaAlSiO_4 -ANA a new polymorph in the system $\text{Ca}_2\text{Al}_2\text{O}_3\text{SiO}_2$ I. The end member of ANA tpe of zeolite framework, *J. Solid State Chem.*, 95, 335, (1991)
811. Radić-Perić J., Boron, calcium and silicon in an arc plasma in air with chlorine: calculation of the plasma composition, *J. Anal. At. Spectrom.*, 7, 235 (1991)
812. Perić M., Engels B., Peyerimhoff S. D., Ab initio investigation of the vibronic structure of the C_2H spectrum: Calculation of the hyperfine coupling constant for the three lowest-lying electronic states, *J. Mol. Spectrosc.*, 150, 56 (1991)
813. Perić M., Engels B., Peyerimhoff S. D., Ab initio investigation of the vibronic structure of the C_2H spectrum: Calculation of the vibrationally averaged values for the hyperfine coupling constants, *J. Mol. Spectrosc.*, 150, 70 (1991)
814. Reuter W., Perić M., Peyerimhoff S. D., Ab initio study of the vibronic structure of the X^2B_1 and A^2A_1 electronic states of H_2O^+ , *Mol. Phys.*, 74, 569 (1991)
815. Fejzo J., Westler W. M., Macura S., Markley J. L., Strategies for eliminating unwanted cross-relaxation and coherence transfer effects from two-dimensional chemical exchange spectra, *J. Mang. Reson.*, 92, 195 (1991)
816. Fejzo J., Westler W. M., Macura S., Markley J. L., Elimination of chemical exchange mediated spin diffusion from exchange spectra of macromolecules. Exchange decoupled Noesy (XD-Noesy), *J. Mang. Reson.*, 92, 651 (1991)
817. Fejzo J., Krezel A. M., Westler W. M., Macura S., Markley J. L., Direct cross relaxation Noesy (D. Noesy). A method for removing spin diffusion cross peaks from two-dimensional noe spectra of macromolecules, *J. Mang. Reson.*, 92, 651 (1991)
818. Fejzo J., Krezel A. M., Westler W. M., Macura S., Markley J. L., Refinement of the NMR solution structure of a protein to remove distortions arising from neglect of internal motion, *Biochemistry*, 30, 3807 (1991)
819. Milosavljević S., Aljančić I., Macura S., Milinković D., Stefanović M., Sequiterpene lactones from achillea crithmifolia, *Phytochemistry*, 30, 3464 (1991)
820. Dimitrijević R., Dondur V., Petranović N., The high temperature synthesis of CsAlSiO_4 -ANA a new polymorph in the system $\text{Cs}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$, *J. Solid State Chem.*, 95, 335 (1991)
821. Simić-Krstić J., Jeremić M., Anđelković M., Koruga Đ., A Raman spectroscopic study of microtubule protein, *Mol. Electr.* 79, 86 (1991)
822. Raičević S., Trnačević, Hranisavljević J., Vučelić D., Renal excretion and pathology of Balkan endemic Nephropathy II. Urinary protein excretion, *Kidney International*, 40, 56 (1991)

823. Mozorov V. N., Morozova T. Y., Bray P., Hranisavljević J., Vučelić D., Survey of small molecule and ion binding to β_2 -microglobulin – possible relaxation to BEN, *Kidney International*, 40, 88 (1991)
824. Mentus S., Hammouche A., The investigation of $\text{La}_{0.9}\text{Sr}_{0.1}\text{Mn}_3\text{O}$ pervoksite electrode in the hexacyanoferrate redox system, *J. Serb. Chem. Soc.*, 56, 653 (1991)
825. Obradović M. V., Veselinović D. S., Marković D. A., Protonation of hydroxybenzens in strong acidity solution, *J. Serb. Chem. Soc.*, 56, 513 (1991)
826. Šaraba D. N., Veselinović D. S., Lanthanum fluoride complexes in water and aqueous ethanol solution, *J. Serb. Chem. Soc.*, 56, 507 (1991)
827. Maskin T. N., Zmbova B. Ž., Veselinović D. S., Investigation of Sn(II) gluconate complexes by potentiometric titrations, *J. Serb. Chem. Soc.*, 56, 337 (1991)
828. Đokić D., Zmbova B., Veselinović D., Đurđević P., Investigation of the tin(II)-hipuric acid system in perchlorate medium, *J. Serb. Chem. Soc.*, 56, 661 (1991)
829. Perić M., Reuter W., Peyerimhoff S. D., Ab initio investigation of the vibronic structure of the C_2H spectrum: Spin-orbit splitting of the vibronic levels, *J. Mol. Spectrosc.* 148, 201 (1991)
830. Mioč U., Davidović M., Tjapkin N., Colomban Ph., Novak A., Equilibrium of the protonic species in hydrates of some heteropolyacids at elevated temperatures, *Solid State Ionics*, 46, 103 (1991)
831. Reichstat M. M., Mioč U. B., Bogunović Lj. J., Ribnikar S. V., Theoretical investigation of intermolecular hydrogen-bonded complexes in systems: substituted carbinols (silanols)-ketones or ethers, *J. Mol. Struct.*, 244, 283 (1991)
832. Mentus S., Hammouche A., The investigation of a $\text{La}_{0.9}\text{Sr}_{0.1}\text{MnO}_3$ perovskite electrode in the hexacyanoferrate redox system, *J. Serb. Chem. Soc.*, 11, 653 (1991)
833. Petkovska Lj. T., Radak B. B., Miljanić Š. S., Bailey R. T., Cruickshank F. R., Pugh D., SO_2 absorption of the CO_2 -laser emission measured by the photoacoustic technique, *Proc. Indian Acad. Sci., (Chem. Sci.)* 103, 401 (1991)
834. Radak B. B., Petkovska Lj. T., Miljanić Š. S., Bailey R. T., Cruickshank F. R., Pugh D., Buffer gas effect on laser photoacoustic detection of methyl chloride, *Proc. Indian Acad. Sci., (Chem. Sci.)* 103, 409 (1991)
835. Petkovska Lj. T., Radak B. B., Miljanić Š. S., Ribnikar S. V., CO_2 -laser photoacoustic spectroscopy of deuterated and tritiated forms of hydrogen sulphide, *Infrared Phys.*, 31, 303 (1991)
836. Miljanić Š. S., Radak B. B., Petkovska Lj. T., CH_3F absorption of the CO_2 -laser emission measured by the photoacoustic technique, *Proc. Indian Acad. Sci., (Chem. Sci.)* 103, 405 (1991)
837. Stojić D. Lj., Miljanić Š. S., Grozdić T. D., Bibić N. M., Jakšić M. M., Improvements in Electrocatalytical Separation of Hydrogen Isotopes, *Int. J. Hydrogen Energy*, 16, 469 (1991)
838. Antić-Jovanović A., Pešić D., Bojović V., Vukelić N., Rotational analysis of the B-X transition of BeO , *J. Mol. Spectrosc.*, 145, 403 (1991)

839. Vukelić V, Pešić D. Antić-Jovanović A., Franck-Condon factors and r-centroids of the B-X bands of BeO, *Spectrosc. Lett.* 24, 519 (1991)
840. Jeremić M., Antić-Jovanović A., Lalić M, Bojović V., Raman spectral study of ionic hydration in Aqueous perchlorate solutions, *Spectrosc. Lett.*, 25, 55 (1991)
841. Cvjetićanin N., Mentus S., Petranović N., Electric conductivity of Na and Ag forms of A and X zeolites. The effect of cluster formation on the conductivity, *Solid State Ionics*, 47, 111 (1991)
842. Anić S., Kolar-Anić Lj., Stanisavljev D., Begović N., Mitić D., Dilution Reinitiated Oscillations in the Bray-Liebhaufsky System, *React. Kinet. Catal. Lett.*, 43, 155 (1991)
843. Djeniže S., Labat J., Konjević R., On the stark broadening regularities along a homologous sequence of the IVB subgroup in the periodic system, *Contrib. Plasma Phys.*, 31, 69 (1992)
844. Engels B., Perić M., Reuter W., Peyerimhoff S. D., Grein F., Study of the hyperfine coupling constants (^{14}N and ^1H) of the NH_2 molecule in the $X^1\text{B}_2$ ground state and the $A^1\text{A}_2$ excited state, *J. Chem. Phys.*, 96, 4526 (1992)
845. Kolar-Anić Lj., Schmtz G., Mechanism of the Bray-Liebhaufsky reaction: effect of the oxidation of iodous acid by hydrogen peroxide, *J. Chem. Soc. Faraday Trans.*, 88, 2343 (1992)
846. Fejzo J., Westler W. M., Markley J. L., Macura S., Complete elimination of spin-diffusion from selected resonances in two-dimensional cross-relaxation spectra of macromolecules by a novel pulse sequence (S. Noesy), *J. Am. Chem. Soc.*, 114, 1523, (1992)
847. Nikolić P. M., Gledhill G. A., Pavlovic M. B., Maričić Z., Collins J.D., Low temperature vibrational modes of GeSe_2 observed by far infrared spectroscopy, *Infr. Phys.* 33, 281 (1992)
848. Gledhill G. A., Hamilton, Nikolić P. M., Maričić Z., Pavlovic M. B., Đurić, Structural and far-infrared properties of nickel-zinc ferrites, *Sci. Sintering*, 1, 15 (1992)
849. Tešić M., Ratković M., Dondur V., Jankov R., Kinetic of exchange between (3-(iodophenyl) methyl) guanidine (ml BG) and (^{131}I)-iodide, *J. Rad. Anal. Nucl. Chem.*, 158, 183 (1992)
850. Rakić V., Dondur V., Mišljenović Đ., Study of consecutive mechanism of desorption on with diffusion step under non-isothermal conditions, *Thermochim. Acta.*, 194, 275 (1992)
851. Rakić V., Dondur V., Mišljenović Đ., The study of diffusion processes in the thermodesorption results, *J. Therm. Anal.*, 38, 879 (1992)
852. Radotić K., Jeremić M., Radenović Č., Kinetic study of stress-induced luminescence from different tissues, *Photochem. Photobio.* 56, 83 (1992)
853. Jeremić M., Antić-Jovanović A., Lalić M., Bojović V., Raman spectral study of ionic hydration in aqueous perchlorate solutions, *Spectro. Lett.*, 25, 55 (1992)
854. Juranić N., Anđelković K., Malinar M. J., Celap M. B., Vučić M., Vučelić D., Prelesnik B., Investigation of conformational and ficinal optical activity of mono(s-aminocarboxylato)Cobalt(III) complexes, *Polyhedron*, 11, 773 (1992)

855. Okon M., Bray P., Vučelić D., ¹H-NMR assignments and secondary structure of human β_2 -microglobulin in solution, *Biochemistry*, 31, 8906 (1992)
856. Vučić M., Bray P., Zloh M., Vučelić D., Hydrophobic core and surface charges of human β_2 -microglobulin probed by CD measurements, *Collected Czech. Commun.*, 57, 1143 (1992)
857. Pešić L., Salipurović S., Marković V., Vučelić D., Kagunga W., Jones W., The thermal characteristics of a synthetic hydrocalcite – like material, *J. Mater. Chem.*, 2, 1069 (1992)
858. Reichstat M. M., Ribnikar S. V., Bogunović Lj. J., Petrović S., Experimental and theoretical study of molecular H-complexes of ketones with diphenyl-p-chlorophenyl carbinol, *J. Mol. Struct.*, 267, 45 (1992)
859. Stepanyan S. A., Gribov L. A., Ribnikar S. V., Mioč U. B., Infrared spectra of aliphatic amine carbamates and the solution of the inverse spectroscopic problem, *J. Mol. Struct.* 266, 177 (1992)
860. Mioč U., Davidović M., Tomkinson J., Tjapkin N., Study of the equilibrium $\text{H}_5\text{O}_2^+ \rightarrow \text{H}_3\text{O}^+ + \text{H}_2\text{O}$ in superionic protonic conductors, *Annual Report ISIS, RAL-92*, 122 (1992)
861. Đurđević P., Radanović D., Jovanović J., Veselinović D., Complex of cobalt(II) and cobalt(III) with 1,3-propanediamine-N,N'-di-3-propionatoligand, *Transformation Met. Chem.*, 17, 84 (1992)
862. Šušić M., Minić D., Marinković S., Electrochemical classification of coal activation by oxidants, *J. Serb. Chem. Soc.*, 57, 705 (1992)
863. Holclajtner-Antunović I., Influence of lithium and copper on axial distribution of radiation and particles in thermal plasma conditions, *J. Serb. Chem. Soc.*, 57, 527 (1992)
864. Marković D. M., Marković D. A., Veselinović D. S., The sulfonation and ultraviolet spectra of methylphenols, *J. Serb. Chem. Soc.*, 57, 595 (1992)
865. Perić M., Peyerimhoff S. D., Buenker R. J., Analysis and predictions of the vibronic spectrum of the ethynyl radical C_2H by ab initio methods., *Z. Phys. D.*, 24, 177 (1992)
866. Perić M., Engels B., Ab initio calculation of the vibronically averaged values for the hyperfine coupling constants in NH_2 , NHD and ND_2 , *J. Chem. Phys.*, 97, 4996 (1992)
867. Engels B., Perić M., Ab initio calculations of the vibronically averaged hyperfine coupling constants for the $^{12}\Pi_u$ electronic state of CH_2^+ , *J. Chem. Phys.*, 97, 7629 (1992)
868. Mioč U., Davidović M., Tomkinson J., Tjapkin N., Study of the equilibrium $\text{H}_5\text{O}_2^+ \rightleftharpoons \text{H}_3\text{O}^+ + \text{H}_2\text{O}$ in superionic protonic conductors *Annual Report, ISIS*, 331, 122 (1992)
869. Miljanić Š. S., Golobočanin D. D., Convolution of Molecular Velocities and its Use in Vibrational Relaxation Probabilities Calculations, *J. Mol. Liquids*, 54, 45 (1992)
870. Stojić D. Lj., Miljanić Š. S., Grozdić T. D., Bibić N. M., Jakšić M. M., Electrolytic Deuterium/Hydrogen Isotope Separation: Temperature Dependence and In Situ Activation Effects, *Acta Chem. Scand.*, 46, 111 (1992)

871. Antić-Jovanović A., Pešić D., Bojović V., Vukelić N., Analysis of the X-X system of Be^{18}O , *Spectrosc. Lett.* 25, 13 (1992)

1993–1998.

872. Đurđević P., Joksović M., Maksin T., Veselinović D., Ponticelli G., Acid-base equilibria in solution of a derivative of p-aminohippuric acid, *Gazz. Chim. Ital.*, 123, 563 (1993)
873. Tripković M. R., Holclajtner-Antunović I. D., Study of the matrix effect of easily and non-easily ionizable elements in an inductively coupled argon plasma. 1. Spectroscopic diagnostics, *J. Anal. Atom Spectrom.*, 8, 349 (1993)
874. Stankov M., Stankov D., Miličević Z., Veselinović D., Đurđević P., *Spectrosc. Lett.*, 26, 1709 (1993)
875. Lorenzen-Schmidt H., Perić M., Peyerimhoff S. D., Ab initio calculation of the potential surfaces and the electronic transition moments for the valence and Rydberg doublet electronic states of HCO, *J. Chem. Phys.* 98, 525 (1993)
876. Perić M., Peyerimhoff S. D., Ab initio CI investigation of the electronic spectrum of BF_2 I. Calculation of the potential surfaces and the transition moments for the valence and Rydberg doublet electronic states, *Mol. Phys.*, 78, 855 (1993)
877. Perić M., Peyerimhoff S. D., Ab initio CI investigation of the electronic spectrum of BF_2 II. Interpretation and prediction of features of the $1^2\text{A}_1-1^2\text{B}_1$, 2^2A_1 absorption and emission system, *Mol. Phys.*, 78, 877 (1993)
878. Perić M., Peyerimhoff S. D., Ab initio investigation of the vibronic structure of the $3\text{p}^2\Pi$ (Rydberg) state of HCO and DCO, *J. Chem. Phys.*, 98, 3587 (1993)
879. Blindauer C., Perić M., Schurath U., The visible absorption spectrum of matrix-isolated NH_2 and its deuterides – comparison with calculated spectroscopic properties, *J. Mol. Spectrosc.*, 158, 177 (1993)
880. Perić M., Peyerimhoff S. D., Valence-Rydberg mixing in the excited doublet states of HCO: potential surfaces for H–CO separation, *J. Mol. Struct.*, 297, 347 (1993)
881. M. Staikova, B. Engels, M. Perić, S. D. Peyerimhoff, Ab initio calculations of the vibronically averaged hyperfine coupling constants in the $1^2\Pi_u$ ($X^2\text{B}_1$, $A^2\text{A}_1$) state of the water cation, *Mol. Phys.*, 80, 1485 (1993)
882. Šušić M. V., Ribnikar S. V., Maričić A. M., Effect of palladization on the hydration of polycrystalline powders of multicomponent nickel based alloys, *J. Serb. Chem. Soc.*, 58, 63 (1993)
883. Mentus S. V., Šušić M. V., Kinetics of glassy phase devitrification in the vitreous electrolyte $0.7\text{AgI}-0.3\text{AgVO}_3$, *J. Serb. Chem. Soc.*, 58, 533 (1993)



884. Šušić M. V., Maričić A. M., Ribnikar S. V., Absorption of hydrogen by palladized polycrystalline tantalum powder based on the hydrogen spillover effect, *J. Serb. Chem. Soc.*, 58, 541 (1993)
885. Minić D. M., Šušić M. V., Ilić O., Kinetics of crystallization of amorphous $\text{Fe}_{89}\text{P}_{11}$ powder, *J. Serb. Chem. Soc.*, 58, 551 (1993)
886. Šušić M. V., Malović D. D., Mentus S. V., Anodic behaviour of glassy Ti–Ni–Cu alloys in dilute sulphuric acid, *J. Serb. Chem. Soc.*, 58, 935 (1993)
887. Petranović N. A., Šušić M. V., The kinetic and thermodynamic parameters of the process of LaNi_5 alloy hydration, *J. Serb. Chem. Soc.*, 58, 1049 (1993)
888. Šušić M. V., Maričić A. M., Spillover effect in the hydrogen absorption by the polycrystalline powder alloy $\text{FeNi}_{1.75}\text{Cu}_{1.5}\text{Mo}_{0.5}$ and electric conductivity of the pressed powder, *J. Mater. Sci.*, 28, 3161 (1993)
889. Ivanović N., Srećković M., Milosavljević A., Cekić B., Manasijević M., Popović N., Backović N., Đurić M., Kunosić A., Nemeš K., Čorugić G., Mioč U., Nd^{3+} :YAG laser interaction with intermetallic compounds Hf_2Rh and Hf_2Co , *Infrared Phys.*, 34, 579 (1993)
890. Tjapkin N., Davidović M., Colomban Ph., and Mioč U., Complex dielectric permittivity, bulk and surface conductivity of 12-tungstophosphoric acid hexahydrate and its dehydrated forms, *Solid State Ionics*, 61, 179 (1993)
891. Ignjatović Lj. M., Barek J., Zima J., Marković D. A., Polarographic behaviour and determination of 1-(4'-bromophenyl)-3,3-dimethyltriazene, *Anal. Chim. Acta*, 284, 413 (1993)
892. Ignjatović Lj. M., Marković D. A., Veselinović D. S., Bešić B. R., Polarographic Behavior and Determination of Some s-Triazine Herbicides, *Electroanalysis*, 5, 529 (1993)
893. Ignjatović Lj. M., Marković D. A., Veselinović D. S., Vukelić N. S., Polarographic Determination of Resorcinol, *J. Serb. Chem. Soc.*, 58, 237 (1993)
894. Ignjatović Lj. M., Marković D. A., Veselinović D. S., Vukelić N. S., The Polarographic Determination of Phenol, *J. Serb. Chem. Soc.*, 58, 705 (1993)
895. Ignjatović Lj. M., Marković D. A., Veselinović D. S., Polarographic behaviour of 1-(4'-bromophenyl)-3,3-dimethyltriazene and 1-(4'-iodophenyl)-3,3-dimethyltriazene, *J. Serb. Chem. Soc.*, 58, 965 (1993)
896. Bačić G., Liu K. J., O'Hara J. A., Harris R. D., Szybinski K., Goda F., Swartz H. M., Oxygen tension in murine tumor: A combined EPR and MRI study, *Magn. Reson. Med.*, 30, 568 (1993)
897. Ratković S., Bačić G., NMR and Water Transport in Plants. In *Water Transport in Plants under Climatic Stress*, (M. Borghetti, J. Grace, and A. Raschi, Eds.) Cambridge Univ. Press, 129 (1993).
898. Quiquampoix H., Bačić G., Loughman B. C., Ratcliffe R. G., Quantitative aspects of the ^{31}P -NMR detection of manganese in plant tissues, *J. Exp. Bot.*, 44, 1809 (1993)

899. Poleksić Lj., Zdravković Dj., Jablanović D., Watt I., Bačić G., Magnetic resonance imaging of bone destruction in rheumatoid arthritis - comparison with radiography, *Skeletal Radiol.*, 22, 577 (1993)
900. Bačić G., Schara M., Ratković S., An ESR study of manganese binding in plant tissue, *Gen. Physiol. Biophys.*, 12, 49 (1993)
901. Dragutinović G., Lević Z., Bačić G., Neurinomas of cerebellopontine angle and associated tumors: MRI findings, *Clinical MRI*, 3, 145 (1993)
902. Radić-Perić J., Aluminum in air plasma with fluorine; calculation of the plasma composition, *J. High Temp. Chemical Processes*, 2, 115 (1993)
903. Radić-Perić J., Lađević A., Equilibrium composition of an Ar/H₂ plasma in presence of CH₄, *J. Serb. Chem. Soc.*, 59, 491 (1993)
904. Holclajtner-Antunović I., Tripković M., Study of the matrix effect of easily and noneasily ionizable elements in inductively coupled argon plasma Part II. Equilibrium plasma composition, *J. Anal. Atom. Spec.* 8, 359 (1993)
905. Holclajtner-Antunović I., Malović G., Tripković M., Spectroscopic investigation of plasma composition of U-shaped argon stabilized d.c. arc, *Spectrosc. Lett.*, 26, 1103 (1993)
906. Mentus S., Electrochemical behaviour of solid bismuth trisulphide in aqueous electrolyte solutions, *J. Serb. Chem. Soc.*, 58, 151 (1993)
907. Bailey R. T., Cruickshank F. R., Guthrie S. M. G., Pugh D., Miljanić Š. S., Radak B. B., A simple numerical model of vibrational energy transfer in polyatomic gases, *Chem. Phys.*, 169, 259 (1993)
908. Sabo T., Juranić N., Dondur V., Čelap M., A kinetic investigation of the tris(4-morpholinecarbodithionato-S,S') cobalt (III) complex formation by the intralattice and interlattice reactions, *Termochimica Acta* 213, 293 (1993)
909. Vučelić D., Physico-chemical aspects of zeolite-A synthesis and application for environmental safe detergents, *Prog. Colloid and Polym. Sci.* 95, 14 (1994)
910. Sužnjević D., Grigorijev P. A., Vučelić D., Study of LBM interaction with some surface active substances by the method of capacity minimization, *Bioelectroch. Bioener.* 34, 19 (1994)
911. Anđus P. R., Kataev A. A., Alexandrov A. A., Vučelić D. R., Berestovsky G. N., D₂O induced ion channel activation in Chraceae at low ionic strength, *J. Membrane Bio.* 142, 43 (1994)
912. Petranović N., Bogdanov S., Kinetics and mechanism of the reduction of ammonia synthesis catalysts, *Thermochim. Acta* 233, 107 (1994)
913. Radenović Č., Jeremić M., Marković D., Fotoiducirovanaja bioluminescencija rastenij fotosintetičeskiye, transportnije i membraniye processi, *Fiziologija i biohimija kult. rastenij*, 26, 419 (1994)

1994–2000. Deakan Fakulteta za fizičku hemiju: Dragan Marković

914. Minić D., Šušić M., Termička stabilizacija amornog praha legure 89Fe-11P u struji vodonika, Tehnika, Novi materijali 3, 12 (1994)
915. Dondur V., Petranović N., Cvjetičanin N., Dimitrijević R., Bibić N., Električna provodljivost eukriptitskih faza. Brzoprovodni litijum jon, Tehnika, Novi materijali, 3, 7 (1994)
916. Marković D. A., The hydrolisis of acrylamide and methacrylamide in aqueous sulphuric acid I. The constants and position of protonation, J. Serb. Chem. Soc., 59, 945 (1994)
917. Dimitrijević R., Dondur V., Kremenović A., Thermally induced phase transformations of Ca-exchanged LTA and FAU zeolite framework: Rietveld refinement of the hexagonal $\text{CaAl}_2\text{Si}_2\text{O}_8$ diphillosilicate structure, Zeolites, 16, 294 (1994)
918. Staikova M., Perić M., Engels B., Ab initio calculation of the hyperfine structure in the $1^2\Pi_u(X^2A_1, A^2B_1)$ system of BH_2 , J. of Mol. Spectrosc., 163, 221 (1994)
919. Torbica V., Perić M., Ab initio investigation of the vibronic structure of the $B^3\Sigma_u^-; 2^3\Sigma_u^- \leftarrow X^3\Sigma_g^-$ spectral system of the oxygen molecule, J. Serb. Chem. Soc., 59, 473 (1994)
920. Krossner Th., Zülicke L., Vetter R., Perić M., Peyerimhoff S. D., Ab initio study of the potential energy surfaces of doublet valence and Rydberg states of FCO, J. Chem. Phys., 101, 3973 (1994)
921. Krossner Th., Perić M., Vetter R., Zülicke L., Ab initio investigation of the vibrational structure of absorption and emission spectra of FCO, J. Chem. Phys., 101, 3981 (1994)
922. Perić M., Marian C. M., Peyerimhoff S. D., Ab initio investigation of the structure of the X^2A', A^2A'' ($1^2\Pi$) spectral system of HCO: Theoretical treatment of the vibronic and spin-orbit coupling, J. M. Spectrosc., 166, 406 (1994)
923. Staikova M., Perić M., Engels B., Peyerimhoff S. D., Ab initio investigation of the structure of the X^2A', A^2A'' ($1^2\Pi$) spectral system of HCO: Investigation of the magnetic hyperfine effects, J. Mol. Spectrosc., 166, 423 (1994)
924. Mioč U. B., Colomban Ph., Davidović M., Tomkinson J., Inelastic neutron scattering study of protonic species during the thermal dehydration of 12- tungstophosphoric hexahydrate, J. Mol. Struct., 326, 99 (1994)
925. Mioč U. B., Dimitrijević R. Ž., Davidović M., Nedić Z. P., Mitrović M. M., Colomban Ph., Thermal induced phase transformations of 12-tungstophosphoric acid 29-hydrate: synthesis and characterization of $\text{PW}_{12}\text{O}_{40}$ -type bronzes, J. Mater. Sci., 29, 3705(1994)
926. Davidović M., Tjapkin N., Mioč U. B., Colomban Ph., Dynamic investigations of the proton conductor 12-tungstophosphoric acid by neutron scattering, Acta Phys. Hung. 75, 285(1994)
927. Stojić D. Lj., Miljanić Š. S., Grozdić T. D., Golobočanin D. D., Sovilj S. P., Jakšić M. M., D/H Isotope separation efficiency in water electrolysis. Improvement by in situ activation at different temperatures, Int. J. Hydrogen Energy, 19, 587 (1994)

928. Trtica M. S., Miljanić Š. S., Investigation of Gas Chemistry in the Sealed TEA CO₂ Laser, *Chem. Phys.*, 181, 409 (1994)
929. Tripković M., Todorović M., I. Holclajtner-Antunović, Spectrometric determination of gold, platinum and palladium in geological materials by d.c. arc plasma, *Anal. Chim. Acta*, 296, 315 (1994)
930. Malović G., Tripković M., Holclajtner-Antunović I., Optical Emission Diagnostics of an U-shaped Argon Stabilized Arc, *Beitrage der Plasmaphysik*, 34, 773 (1994)
931. Antić-Jovanović A., Bojović V., Pešić D., New bands of isotopic GaO molecules, *Spectrosc. Lett.*, 27, 247 (1994)
932. Cvjetičanin N., Petranović N., A study on the kinetics and mechanism of silver-cluster formation in zeolite Ag-X by diffuse reflectance spectroscopy, *Zeolites*, 14, 35 (1994)
933. Anić S. R., Veselinović D. S., Vukojević V. B., Radenković M. B., Electrochemical Source of Alternating Current Based on an Oscillating Reaction, *J. Serb. Chem. Soc.*, 59, 47 (1994)
934. Kolar-Anić Lj., Langmuir and BET adsorption isotherms. Statistical-mechanical derivation, *J. Serb. Chem. Soc.*, 59, 433 (1994)
935. Minić D., Protonska provodljivost kristalnih substance, *Tehnika, Novi Materijali* 4, 1 (1995)
936. Minić D., Šušić M., Thermal behaviour of 82Ni-18P amorphous powder alloy in hydrogen atmosphere, *Mat. Chem. Phys.*, 40, 281 (1995)
937. Perić M., Peyerimhoff S. D., Ab initio investigation of the Renner-Teller effect in the X²Π₂ electronic state of C₂H₂⁺, *J. Chem. Phys.*, 102, 3685 (1995)
938. Perić M., Thuemmel H., Marian C. M., Peyerimhoff S. D., Ab initio study of the vibronic and spin-orbit coupling in the X²Π₂ electronic state of C₂H₂⁺, *J. Chem. Phys.*, 102, 7142 (1995)
939. Dimitrijević R., Dondur V., Synthesis and characterization of KAlSiO₄ polymorphs SiO₄-KAlO₂ ioin. II - The end member of ana type of zeolite framework, *J. Solid State Chem.*, 115, 214 (1995)
940. Petković M., Milonjić S., Dondur V., Determination of surface ionization and complexation constants of colloidal aluminum oxide/electrolyte interface, *Bull. Chem. Soc. Jap.*, 68, 7 (1995)
941. Juranić N., Ilich P., Macura S., Hydrogen bonding networks in proteins as revealed by amide IJNC' coupling constant, *J. Am. Chem. Soc.*, 117, 405 (1995)
942. Macura S., Full matrix analysis of the error propagation in two dimensional exchange spectroscopy, *J. Magn. Reson. A*, 112, 152 (1995)
943. Juranić N., Likić V., Kostić N., Macura S., Conformation of s-glutathionato (2,2':6',2''-terpyridine) platinum (II) ion, Pt(trpy)gs, determined from cross-relaxation effects in two-dimensional 1H NMR spectra. Importance of ligand-ligand hydrophobic interactions in metal-peptide complexes, *Inorg. Chem.*, 34, 938 (1995)

944. Vilotijević M., Dimitrijević S. T., Radić-Perić J., Diamond synthesis in d.c. Ar/H₂/CH₄ plasma jet, Adv. in Sci. and Techol. 3B (1995)
945. Dondur V., Dimitrijević R., Kremenović A., Mioč U., Tomašević-Čanović M., Srejić R., Structural characterization in hexagonal celsian, Adv. in Sci. and Techol. 3B, 687 (1995)
946. Botscwina P., Seeger S., Mladenović M., Sculz B., Horn M., Schmatz S., Flugge J., Oswald R., Quantum-chemical investigations of small molecular anions, Int. rew. in Phys. Chem., 14, 169 (1995)
947. Perić M., Engels B., Peyerimhoff S. D., Ab initio study of the Renner-Teller effect in the X₂Π_u electronic state of B₂H₂⁺, J. Mol. Spectrosc., 171, 494 (1995)
948. Hoogstraten C., Westler W., Macura S., Markley J., NOE measurements in the absence of spin diffusion: application to methylene groups in proteins and effects, J. Am. Chem. Soc., 117, 5610 (1995)
949. Perić M., Ostojić B., Peyerimhoff S. D., Ab initio calculation of the potential surface and the electronic transition moments for the valence and Rydberg doublet electronic transition moments for the valence and Rydberg doublet electronic states of BH₂⁺, Z. Phys. D., 34, 241 (1995)
950. Đeniže S., Skuljan Lj., Konjević R., Experimental Stark shifts of several Hel and ArI spectral lines, J. Quant. Spectrosc. Radiat. Transfer, 54, 581 (1995)
951. Kolar-Anić Lj., Mišljenović D., Anić S., Nicolis G., The influence of the reduction of iodate ion by hydrogen peroxide on the model of the Bray-Liebhaufsky reaction, React. Kinet. Catal. Lett., 54, 35 (1995)
952. Čupić Ž., Anić S., Terlecki-Baričević A., Kolar-Anić Lj., The Bray-Liebhaufsky reaction. The influence of some polymers based on poly(4-vinilpiridine), React. Kinet. Catal. Lett., 54, 43 (1995)
953. Dimitrijević Ž. R., Colomban P., Mioč U. B., Nedić Z., Todorović M. R., Tjapkin N., Davidović M., Synthesis conductivity and structural characterization of phosphorous bronzes originating from heteropolyacids. Relation with similar proton containing phases, Solid State Ionics, 77, 250 (1995)
954. Antić-Jovanović A., Bojović V. D., Vujisić B. R., Pešić D. S., Rotational analysis of the 0-0 and 1-0 bands of Ga¹⁸O Molecules, Spectrosc. Lett., 28, 249 (1995)
955. Šašić S., Antić-Jovanović A., Jeremić M., Lalić M., Raman spectra and solvent-solute interaction of mercury (II)-thiocyanate complexes in some aprotic donor solvents, Spectrosc. Lett., 28, 8 (1995)
956. Slavić A., Šašić S., Automatic analysis of Raman spectra, Spectrosc. Lett., 28, 783 (1995)
957. Pophristić M., Pešić D. S., Antić-Jovanović A., Bojović V., Rotational analysis of the 0-1 bands of GaO, J. Environ. Sci. 430, 7 (1995)
958. Perić M., Ostojić B., Ab initio calculation of the vertical electronic spectrum of BH₂, J. Serb. Chem. Soc., 60, 83 (1995)

959. Perić M., Ostojić B., Ab initio calculation of the spin-orbit splitting of the vibronic levels in the $1^2\Pi_u$ (X^2A_1 , A^2B_1) electronic state of BH_2 , J. Serb. Chem. Soc., 60, 373 (1995)
960. Đurđević P., Jelić R., Đokić D., Veselinović D., Hydrolysis of tin(II) ion in sodium chloride medium, J. Serb. Chem. Soc., 60, 785 (1995)
961. Mentus S., Kostić T., Electric conductivity of polymer electrolytes based on poly(ethylene glycol) and poly(vinyl alcohol), J. Serb. Chem. Soc., 60, 999 (1995)
962. Antić-Jovanović A., Jeremić M., Lalić M., Mentus S., Determination of Ca^{2+} and Ba^{2+} cation coordination number in aqueous perchlorate solutions by conductometry and Raman spectroscopy, J. Serb. Chem. Soc., 60, 1021 (1995)
963. Mentus S., Cvjetičanin N., Tošić R., Dimitrijević R., Jovanović D., Komparacija različitih načina sol-gel sinteze β - Al_2O_3 , Tehnika, Novi Materijali, 3, 15 (1995)
964. Mioč U. B., Dimitrijević R. Ž., Mitrović M. M., Nedić Z. P., Metod for synthesis of metal-doped phosphorustungsten bronzes starting from heteropoly acid as precursor, J. Serb. Chem. Soc., 60, 959 (1995)
965. Kuntić V., Mioč U., Filipović I., Jelić S., Delovanje različitih kristalohidrata fosforvolframove kiseline na heparin i faktore koagulacije, Arh. Farm., 45, 89, (1995)
966. Perić M., Engels B., Peyerimhoff S. D., Theoretical spectroscopy in small molecules. Ab initio investigation of vibronic structure, spin-orbit splitting and magnetic hyperfine effects in the electronic spectra of triatomic molecules, Quantum mechanical electronic structure calculations with chemical accuracy, 261 (1995)
967. Swartz. H. M., Bačić G., Gallez B., Goda G., James P., Liu K. J., Jiang J., Mader K., Nakashima T., O'Hara J. A., Shima T., Walczak T., Bioradicals detected by ESR spectroscopy, Birkhauser Verlag, 285 (1995)
968. Dondur V., Dimitrijević R., Kremenović A., Mitrović M., Jovanović D., The kinetics of anortite growth from different amorphous zeolite precursors, Fourth Euro-ceramics, 2, 377 (1995)
969. Terlecki-Baričević A., Čupić Z., Anić S., Kolar-Anić Lj., Mitrovski S., Ivanović S., Polyvinylpyrimidine supported iron (III) catalyst in hydrogen peroxide decomposition, J. Serb. Chem. Soc., 60, 969 (1995)
970. Kolar-Anić Lj., Vukelić N., Mišljenović Đ., Anić S., On the stability domains of some models from Bray-Liibhafsky oscillatory reaction, J. Serb. Chem. Soc., 60, 1005 (Errata 1187) (1995)
971. Alekseev I., Vučelić D., The effect of dimethylsulfoxide on fast potassium current in Lumnaea neurons, J. Serb. Chem. Soc., 60, 1021 (1995)
972. Žujović Z., Srejić R., Vučelić D., Vitrović D., Jovancićević B., Structural analysis of Aleksinac oil shale kerogen by high-resolution solid state ^{13}C -NMR spectroscopy, FUEL, 74, 1903 (1995)

973. Stanisavljev D., Vukojević V., Thermochemical effects accompanying oscillations in the Bray-Liebafsky reaction, *J. Serb. Chem. Soc.* 60, 1125 (1995)
974. Perić M., Radić-Perić J., Calculation of partition functions of tetra-atomic molecules with degenerate ground electronic states, *J. Serb. Chem. Soc.*, 60, 987 (1995)
975. Maeder K., Bačić G., Swatz. H. M., In vivo detection of anthralin derived free radical in the skin of hairless mice by low frequency Electron Paramagnetic Resonance spectroscopy, *J. Invest. Derm.*, 104, 114 (1995)
976. Liu K. J., Bačić G., Hoopes P. J., Jiang J., Du H. K., Ou L. C., Dunn J. F., Swartz H. M., Assessment of cerebral pO₂ by EPR oximetry in rodents, *Brain Res.*, 685, 91 (1995)
977. Goda. F., O'Hara J. A., Rhodes E. S., Liu K. J., Dunn J. F., Bačić G., Swartz H. M., The changes of oxygen tension: an in vivo Electron Paramagnetic Resonance oximetry study, *Radiat. Res.*, 144, 222 (1995)
978. Perić M., Engels B., Ab initio investigation of the vibronic and magnetic hyperfine effects in the $X^2\Pi_u$ state of $B_2H_2^+$, *J. Mol. Spectrosc.*, 174, 334 (1995)
979. Dimitrijević R. Ž., Colombari P., Mioč U. B., Nedić Z., Todorović M. R., Tjapkin N., Davidović M., Synthesis, conductivity and structural characterization of phosphorous bronzes originating from heteropolyacids. Relation with similar proton containing phases, *Solid State Ionics*, 77, 250 (1995)
980. Avramov-Ivić M., Štrbac S., Zdravković J., Vuković D., Mioč U., Andrić B., Investigation of calcification phenomena in ophthalmology and pulmonology, *Srpski arhiv za celokupno lekarstvo*, 123, 299 (1995)
981. Trtica M. S., Miljanić Š. S., An aspect of plasma chemistry in the pulsed, sealed, transversely excited CO₂ laser, *J. Serb. Chem. Soc.*, 60, 115 (1995)
982. Petkovska Lj. T., Trtica M. S., Stojković M. M., Ristić G. S., Miljanić Š. S., CO₂-laser photoacoustic absorption spectra of carbon dioxide as a function of temperature, *J. Quant. Spectrosc. Radiat. Transfer*, 54, 509 (1995)
983. Baranac J., Petranović N., Dimitrić Marković J., The Ring-Chain Interconversion of Chalcones in Buffer Solutions, *J. Serb. Chem. Soc.*, 60, 1049 (1995)
984. Veselinović D. S., Ignjatović Lj. M., Djurdjević P. T., Radanović D. D., Polarographic study of the system containing copper(II) and 1,3-propanediamine-N, N'-diacetic-N, N'-di-3-propionic acid, *J. Serb. Chem. Soc.*, 60, 395 (1995)
985. Vukelić N. S., Veselinović D. S., Bojović S., Ignjatović Lj. M., Electrochemical oscillatory system based on the Pt-Ag electrodes, *J. Serb. Chem. Soc.*, 60, 955 (1995)
986. Marković D. A., Ignjatović Lj. M., Veselinović D. S., Vukelić N. S., Bešić B. R., Polarographic determination of some s-triazine herbicides in industrial waste water, *J. Serb. Chem. Soc.*, 60, 1015 (1995)

987. Davidović M., Mioč U., Heteropolyacids as protic conductors, *Mater. Sci. Forum*, 214, 99 (1996)
988. Perić M., Ab initio study of the vibronic and spin-orbit couplings in the $X^2\Pi$ state of $C_2H_2^+$, *SFIN*, IX (A1), 1 (1996)
989. Kolar-Anić Lj., Mišljenović Đ., Anić S., Kinetic model for the Bray-Liebhaafsky process without reaction $IO_3^- + I^- + 2H^+ = HID + HIO_2$, *React. Kinet. Catal. Lett.* 57, 37 (1996)
990. Dondur V., Petranović N., Dimitrijević R., High temperature phase transformations of cation exchanged zeolites: a new route for synthesis of aluminosilicate materials, *Mater. Sci. Forum*, 214, 91 (1996)
991. Dimitrijević R., Dondur V., Kremenovi A., High temperature phase transformations of Ca-exchanged LTA and FAU zeolites frameworks: Ritveld refinement of the hexagonal $CaAl_2SiO_2O_8$ diphillosilicate structure, *Zeolites* 16, 294 (1996)
992. Holclajtner-Antunović I., Malović G., Tripković M., Raspopović Z., Equilibrium plasma composition in U-shaped d.c. argon stabilized arc, *J. Anal. Atom. Spectr.*, 11, 325 (1996)
993. Ražić S., Holclajtner-Antunović I., Todorović M., The influence of ethanol addition on the determination of trace elements in aqueous solutions by ICAP, *Fresenius J. Anal. Chem.*, 355, 274 (1996)
994. Holclajtner-Antunović I., Raspopović Z., Georgijević V., Tripković M., Georgijević J., Parametric analysis of the inductively coupled plasma, *Fresenius J. Anal. Chem.*, 355, 276 (1996)
995. Raspopović Z., Holclajtner-Antunović I., Georgijević V., Tripković M., Calculation of the electron number density spatial distribution in the ICAP, *J. Serb. Chem. Soc.*, 61, 745 (1996)
996. Vuković D., Haždi-Pavlović A., Bray P., Vučelić D., Thermal unfolding of α_1 -microglobulin, bovine beta lactoglobuline and retinol binding protein by DSC, *Med. Biochem.*, 15-I, 15 (1996)
997. Vidić J., Sužnjević D., Erceg M., Vučelić D., Behaviour of $\beta 2$ -microglobulin in the electrical layer of mercury/solution interface, *Bioelectroch. Bioener.*, 39, 129 (1996)
998. Baranac J., Petranović N., Dimitrić-Marković J., A spectroabsortimetric study of anthocyanes copigmentation reactions, *J. Agric. Food. Chem.*, 5, 1333 (1996)
999. Minić D., Petković J., Korićanac Z., Jovanović T., Spectrophotometric determination on niyatidine in pharmaceutical preparations, *J. Pharmaceut. Biomed.*, 14, 1355 (1996)
1000. Petranović N., Minić D., Metal phases in zeolite matrix: electric and electrochemical properties
1001. *Ceram. Int.*, 22, 317 (1996)
1002. Ivanović I., Anđelković K., Leovac M. V., Klisarov Lj., Lazarević M., Minić D., Transition-metal complexes with hydrazides and hydrazones, 7. Dioxamolybdenum (IV) complexes of salicylaldehyde p-hydroxybenzoylhydrazone and their thermal stability, *J. Thermal Anal.*, 46, 1741 (1996)

1003. Minić D. M., Šušić M. V., Maričić A., Absorption of hydrogen by amorphous and crystalline 89Fe-11P powder: deformation on the powder under pressure and relaxation on heating, *Mater. Chem. Phys.*, 45, 280 (1996)
1004. Gallez B., Bačić G., Swartz H. M., Evidence for the dissociation of the hepatobiliary MRI contrast agent Mn-DPDP, *Magn. Reson. Med.*, 34, 14 (1996)
1005. Gallez B., Goda F., Bačić G., O'Hara J. A., Jiang J., Dunn J. F., Swartz H. M., Use of nitroxides in assessing perfusion, oxidation, and viability of tissues: In vivo EPR and MRI studies, *Magn. Reson. Med.*, 34, 97 (1996)
1006. P. E. James., Bačić G., Grinberg O. Y., Goda F., Dunn J. F., Jackson S. K., Swartz H. M., Endotoxine induced changes in intrarenal pO_2 , measured by in vivo Electron Paramagnetic Resonance oxymetry and Magnetic Resonance Imaging, *Free Radical Biol. Med.*, 21, 25 (1996)
1007. Marian C. M., Perić M., Ab initio calculation of the potential energy surface for the large-amplitude bending and symmetric stretching vibration in the electronic ground state of XeF_2 , *Z. Phys. D*, 36, 285 (1996)
1008. C. Pflerzer, Havenith M., Perić M., Muertz P., Urban W., Faraday laser magnetic resonance spectroscopy of vibrationally excited C_2H , *J. Mol. Spectrosc.*, 176, 28 (1996)
1009. Engels E., Suter H. U., Perić M., Ab initio investigation of vibrational effects on magnetic hyperfine coupling constants in the $X^3\Sigma_g^-$ state of B_2H_2 , *J. Phys. Chem.*, 100, 10121 (1996)
1010. Bogunović Lj, Mioč U. B., Ribnikar S. V., Stanisavljev B. R., Reichstat M. M., Hydrogen bonded complexes of trimethylcarbinol and 1,1,1-trichloro-2-methylpropanol(2) with ethers, *J. Serb. Chem. Soc.*, 61, 775 (1996)
1011. Mioč U. B., Davidović M., Stanisavljev B. R., Todorović M., Nedić Z., P., Uskoković S., Spectroscopic investigation of the effects monovalent cation on the dynamics of protic species in the hydrates of 12-tungstophosphoric acid salts, *J. Serb. Chem. Soc.*, 61, 759 (1996)
1012. Mioč U. B., Kuntić V. S., Nedić Z. P., Filipović I. M., Jelić S. B., Anticoagulant effect of the salts of tungstophosphoric acid studied by IR spectroscopy, *J. Serb. Chem. Soc.*, 61, 767 (1996)
1013. Pophristić M., Pešić D., Antić-Jovanović A., Bojović V., Rotational analysis of the B-X bands of CaO, *Spectrosc. Lett.* 29, 61 (1996)
1014. Lalić M., Antić-Jovanović A., Jeremić M., Čašić S., Raman spectral study of magnesium-solvent interaction in acetone solution, *Spectrosc. Lett.*, 29, 267 (1996)
1015. Veselinović D. S., Vukić M. R., Marković V. G., Mirjanić M. D., Crystalline forms of silver iodide I. Synthesis and X-ray diffraction investigation, *J. Serb. Chem. Soc.*, 61, 31 (1996)
1016. Đurđević P., Radovanović D. D., Veselinović D., Ignjatović Lj., Polarographic behaviour of cobalt (III) ion in the presence of H4-1,3-propanediamine-diacetic-N,N'-di-3-propionic acid, *J. Serb. Chem. Soc.*, 61, 493 (1996)

1017. Vukićević N. S., Karljicković-Rajić K. D., Veselinović D. S., Vanlić-Razumenić N. M., Uskoković S. M., Spectrophotometric investigation of complex formation between HMPAO and palladium(II) ions, *J. Serb. Chem. Soc.*, 61, 785 (1996)
1018. Lj. M. Ignjatović, Barek J., Zima J., Marković D. A., Adsorptive stripping voltametric determination of 1-(4'-bromophenyl)-3,3-dimethyltriazene, *Microchim. Acta*, 122, 101 (1996)
1019. Marković D. A., Đarmati Z., Jankov R. M., Marković D. M., Ignjatović Lj. M., Electrochemical behaviour of rosmanol 9-ethyl ether isolated from sagle, *Microchim. Acta*, 124, 219 (1996)
1020. Stojić D. Lj., Miljanić Š. S., Grozdić T. D., Jakšić M. M., The Electrocatalytic Effects in the Electrolytic Separation of Hydrogen Isotopes, *Bull. Electrochem.*, 12, 436 (1996)
1021. Ristić G. S., Petkovska Lj. T., Bogdanov Ž. D., Zec S., Miljanić Š. S., Conditioning of the filament for diamond deposition by hot-filament vapour deposition method, *J. Serb. Chem. Soc.*, 63, 231 (1996)
1022. Šušić M., Minić D., Maričić A., Jordović B., Krsmanović D., Structural Changes During Heating a Cold Sintered Amorphous Powder of 82Ni and 18P Alloy, *Sci. Sintering*, 28, 105 (1996)
1023. Sabo T., Minić D., Trifunović S., Synthesis and Characterization and Thermal Behaviour of mer-isomer of uns-cis-(ehtylenediamine-N,N'-di-3-propionato)-a-amino-izobutirato)cobalt(III) Semihydrate, *Tehnika, Novi materijali*, 5, 4 (1996)
1024. Gašić M. J., Zlatović M., Ignjatović Lj. M., Putniković B., Sladić D., Improved electrochemical epoxidation of cholesterol and avarol dimethyl ether, *J. Serb. Chem. Soc.*, 61, 1033 (1996)
1025. Anić. S. R., Stanisavljev D. B., Bray-Liebhaufsky Reaction. V. New Kinetic Data on Low-Acidity Reaction Systems, *J. Serb. Chem. Soc.*, 61, 121 (1996)
1026. Anić S., Kolar-Anić Lj., The Bray-Liebhaufsky Reaction. VI. Kinetics in Iodide Oscillations, *J. Serb. Chem. Soc.*, 61, 887 (1996)
1027. Čupić Ž., Anić S., Mišljenović Đ., The Bray-Liebhaufsky Reaction. VII. Concentrations of the External Species H^+ and IO_3^- , *J. Serb. Chem. Soc.*, 61, 893 (1996)
1028. Konjević R., Konjević, N., On the use of non-hydrogenic spectral line profiles for electron density diagnostics of inductively coupled plasmas, *Spectr. Acta B*, 52, 2077 (1997)
1029. Adnadjević B., Jovanović J., Gajinov, S., Effect of different physicochemical properties of hydrophobic zeolites on the pervaporation properties of PDMS-membranes, *J. Membrane Sci.*, 136, 173 (1997)
1030. Fang W. H., Perić M., Peyerimhoff S. D., Ab initio study of the potential energy surfaces for the valence and Rydberg doublet electronic states of HNF, *Chem. Phys.*, 223, 119 (1997)
1031. Perić M., Ostojić B., Radić-Perić J., Ab initio investigation of the Renner-Teller effect in tetra-atomic molecules, *Phys. Rep.*, 290, 283 (1997)

1032. Kremenović A., Norby P., Dimitrijević R., Dondur V., Time-temperature resolved synchrotron XRPD study of the hexacelsian alpha -beta polymorph inversion, *Solid State Ionics*, 101, 611 (1997)
1033. Mioč U. B., Bogunović L. J., Ribnikar S. V., Raihstat M. M., Stanisavljev B. R. J. *Mol. Struct.*, 416, 75 (1997)
1034. Sužnjević D., Blagojević S., Vidić J., Erceg M., Vucelić D., Determination of selenium(IV) by cathodic stripping voltammetry using a copper microelectrode, *Microchem. J.* 57, 255 (1997)
1035. Holclajtner-Antunović I., Raspopović Z., Georgijević V., Tripković M., Computer simulation of added Li influence on the ICP properties, *Plasma Chem. Plasma P.*, 17, 331 (1997)
1036. Marković R., Minić D. M., Conductometric and thermal studies of fused Zn(II) salts containing methyl substituted pyridinium cations, *Mater. Chem Phys.*, 50, 20 (1997)
1037. Stanisavljev D., Consideration of the thermodynamic stability of iodine species in the Bray-Liebafsky reaction, *Ber. Bunsen Phys. Chem.*, 101, 1036 (1997)
1038. Suznjević D., Blagojević S., Vucelić D., Zuman P., Polarographic determination of hydrogen peroxide in perborate containing commercial detergents under the bleaching process condition, *Electroanal.*, 9, 861 (1997)
1039. Šusić M., Stopić S., Ilić I., Uskoković D., Kinetics of hydrogen absorption by nickel powder with added palladium, copper, and nickel from nickel-chloride reduction by hydrogen
1040. *Int. J. Hydrogen Energ.*, 22, 661 (1997)
1041. Kolar-Anić L., Čupić Z., Anić S., Schmitz G., Pseudo-steady states in the model of the Bray-Liebafsky oscillatory reaction, *J. Chem. Soc. Faraday Trans.* 93, 2147 (1997)
1042. Vidić J., Šuznjević D., Erceg M., Minić Z., Vucelić D., Pulse polarography of soybean trypsin inhibitor in the presence of dithiothreitol, *Bioelectroch. Bioener.*, 43, 181 (1997)
1043. Šusic M. V., Kinetics of the process of isothermal hydriding and dehydriding of hydrogen absorbers, *Int. J. Hydrogen Energ.*, 22, 585 (1997)
1044. Dimitrijević R., Kremenović A., Dondur V., Tomasević-Canović M., Mitrović M., Thermally induced conversion of Sr-exchanged LTA- and FAU-framework zeolites. Syntheses, characterization, and polymorphism of ordered and disordered $\text{Sr}_{1-x}\text{Al}_{2-2x}\text{Si}_{2+2x}\text{O}_8$ ($x=0; 0.15$), diphylosilicate, and feldspar phases, *J. Phys. Chem. B*, 101, 3931 (1997)
1045. Vujaković A., Tomašević-Canović M., Dondur V., Interaction of dodecylamine with montmorillonite. Part I. Adsorption mechanism, *J. Serb. Chem. Soc.*, 62, 599 (1997)
1046. Sabo T., Vlajković J., Dondur V., The mechanisms of tris (4'morpholinecarbodithionato-S,S') cobalt (III) complex formation by solid state reaction from ammine cobalt(III) complex, *J. Serb. Chem. Soc.*, 62, 1037 (1997)

1047. Baranac J. M., Petranović N. A., Dimitrić-Marković J. M., Spectrophotometric study of anthocyan copigmentation reactions. 2. Malvin and the nonglycosidized flavone quercetin, *J. Agr. Food. Chem.*, 45, 1694 (1997)
1048. Baranac J. M., Petranović N. A., Dimitrić-Marković J. M., Spectrophotometric study of anthocyan copigmentation reactions. 3. Malvin and the nonglycosidized flavone morin, *J. Agr. Food. Chem.*, 45, 1698 (1997)
1049. Baranac J. M., Petranović N. A., Dimitrić-Marković J. M., Spectrophotometric study of anthocyan copigmentation reactions. 4. Malvin and apigenin 7-glucoside, *J. Agr. Food. Chem.*, 45, 1701 (1997)
1050. Cvetković A., Blagojević S., Hranisavljević J., Vucelić D., Effects of pathogen-related proteins from barley grain on brewers yeast, *J. Int. Brewing*, 103, 183 (1997)
1051. Anić S., Kolar-Anić L., Koros E., Methods to determine activation energies for the two kinetic states of the oscillatory Bray-Liebhafsky reaction, *React. Kinet. Catal. Lett.*, 61, 111 (1997)
1052. Davidović M., Čajkovski T., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U., Microwave X-band permittivity measurements on 12-tungstophosphoric acid hexahydrate, *Solid State Ionic*, 97, 233 (1997)
1053. Mioč U. B., Milonjić S. K., Malović D., Stamenković V., Colomban P., Mitrović M. M., Dimitrijević R., Structure and proton conductivity of 12-tungstophosphoric acid doped silica, *Solid State Ionics*, 97, 239 (1997)
1054. Perić M., Ostojić B., Engels B., Ab initio study of the electronic spectrum of B_2H_2 . 1. Vertical spectrum and trans- and cis-bending potential curves, *J. Mol. Spectr.*, 182, 280 (1997)
1055. Perić M., Ostojić B., Engels B., Ab initio study of the electronic spectrum of B_2H_2 . 2. Potential curves for torsional motion, symmetric B-H stretching, and B-B separation, *J. Mol. Spectr.*, 182, 295 (1997)
1056. Minić D. M., Marković R., Correlations of conductometric and thermic properties with the structure of di(2-methylpyridinium)tetrachloromanganate(II), *Mater. Chem. Phys.*, 48, 174 (1997)
1057. Kosanić M., Kapetanović V., Milovanović L., Burić N., Veselinović D., Potentiometric and spectrophotometric determination of the dissociation constants of cefetamet, *Monatsh. Chem.*, 128, 137 (1997)
1058. Radotić K., Zakrzewska J., Sladić D., Jeremić M., Study of photochemical reactions of coniferyl alcohol. 1. Mechanism and intermediate products of UV radiation-induced polymerization of coniferyl alcohol, *Photochem. Photobio.*, 65, 284 (1997)
1059. Stojiljković M. M., Holclajtner-Antunović I., Spectral and electrical characteristics of a stabilized DC arc seeded with potassium, *Contrib. Plasm. Phys.*, 37, 459 (1997)

1060. Stopić S. R., Ilić I. B., Nedeljković J. M., Rakocević Z. L. J., Šusić M. V., Uskoković D. P., Influence of hydrogen spillover effect on the properties of Ni particles prepared by ultrasonic spray pyrolysis, *Stud. Surf. Sci. Catal.*, 112, 103 (1997)
1061. Minić D., Šusić M., Tesić Z., Dimitrijević R., Investigation of the thermal behaviour of Ag-Pd intermetallic compounds in hydrogen atmosphere, *Stud. Surf. Sci. Catal.*, 112, 447 (1997)
1062. Kuntić V., Filipović I., Mioč U., Jelić S., Anticoagulant effect of various crystalohydrates of tungstophosphoric acid and their Na salt and proposed acting mechanism, *Jugoslav. Med. Biochem.* 16, 15 (1997)
1063. Minić D., Šusić M., Tešić Ž., Dimitrijević R., Investigation of the Thermal Behaviour of Ag-Pd Intermetallic Compounds in Hydrogen Atmosphere, Spillover and migration on Surface Species on Catalysts, Ed. Can Li, 447 (1997) Elsevier
1064. Petkovska Lj. T., Miljanić Š. S., CO₂-laser Photoacoustic Spectroscopy of Deuterated Ammonia, *Infrared Phys. Technol.*, 38, 331 (1997)
1065. Anić S. R., Relation between Number of Oscillations and Activation Energies of an Oscillatory Process, *J. Serb. Chem. Soc.*, 62, 65 (1997)
1066. Radenković M., Schmitz G., Kolar-Anić Lj., Simulation of iodine oxidation by hydrogen peroxide in acid media, on the basis of the model of Bray-Liebhafsky reaction., *J. Serb. Chem. Soc.* 62, 367 (1997)
1067. Kolar-Anić Lj., Anić S., Autocatalysis and Autoinhibition. Oscillatory reactions, New Challenges in Catalysis, Putanov P. (Ed.), SANU, Novi Sad, 139 (1997)
1068. Kolar-Anić Lj., Fizičko-hemijske promene na granici faza, Višefazni disperzni sistemi, Spasić A. (Ed.), ITNMS, Beograd, 178 (1997)

1998–2003.

1069. Radotić K., Radenović C., Jeremić M., Spontaneous ultraweak, bioluminescence in plants: Origin, mechanisms and properties, *Gen. Physiol. Biophys.*, 17, 289 (1998)
1070. Kuntić V. S., Malešev D. L., Radović Z. V., Kosanić M. M., Mioč U. B., Vukojević V. B., Spectrophotometric investigation of uranyl(II)-rutin complex in 70% ethanol, *J. Agr. Food. Chem.*, 46, 5139 (1998)
1071. Giba Z., Grubišić D., Todorović S., Sajc L., Stojaković D., Konjević R., Effect of nitric oxide - releasing compounds on phytochrome - controlled germination of Empress tree seeds, *Plant. Growth. Regul.*, 26, 175 (1998)
1072. Vidić J., Šuznjević D., Erceg M., Vucelić D., Polarographic investigation of beta(2)-microglobulin and ferritin thermal denaturation, *J. Biochem. Biophys. Meth.*, 37, 147 (1998)

1073. Wengenack N. L., Todorović S., Yu L., Rusnak F., Evidence for differential binding of isoniazid by Mycobacterium, tuberculosis KatG and the isoniazid-resistant mutant KatG(S315T), *Biochem.*, 37, 15825 (1998)
1074. Šasić S., Antić-Jovanović A., Jeremić M., An investigation of the equilibrium of mercury(II) thiocyanate complexes in DMF solutions via Raman spectra and factor analysis, *J. Chem. Soc. Faraday. T.*, 94, 3255 (1998)
1075. Perić M., Engels B., Hanrath M., Ab initio study of the electronic spectrum of $C_2H_2^+$. I. Vertical spectrum and angular potential curves, *Chem. Phys.*, 238, 33 (1998)
1076. Perić M., Engels B., Ab initio study of the electronic spectrum of $C_2H_2^+$. II. Stretching potential energy surfaces for low-lying doublet electronic states, *Chem. Phys.*, 238, 47 (1998)
1077. Micić M., Jovančević B., Polić P., Šusić N., Marković D., Classification tools based on artificial neural networks for the purpose of identification of origin of organic matter and oil pollution in recent sediments, *Fresen. Environ. Bull.*, 7, 648 (1998)
1078. Radotić K., Todorović S., Zakrzewska J., Jeremić M., Study of photochemical reactions of coniferyl alcohol. II. Comparative structural study of a photochemical and enzymatic polymer of coniferyl alcohol, *Photochem. Photobiol.*, 68, 703 (1998)
1079. Martini H., Marian C. M., Perić M., Theoretical investigation of fine-structure effects in the bending and symmetric stretching vibronic spectrum of FeH_2 and FeD_2 , *Mol. Phys.*, 95, 27 (1998)
1080. Stanisavljev D., Begović N., Zujović Z., Vucelić D., Bacić G., H-1 NMR monitoring of water behavior during the Bray-Liebhaufsky oscillatory reaction, *J. Phys. Chem. A*, 102, 6883 (1998)
1081. Stanisavljev D., Begović N., Vukojević V., Influence of heavy water on the Bray-Liebhaufsky oscillating reaction, *J. Phys. Chem. A*, 102, 6887 (1998)
1082. Perić M., Ostojić B., Engels B., Ab initio study of the electronic spectrum of $C_2H_2^+$: Investigation of structure of spectra involving low-lying doublet electronic states, *J. Chem. Phys.*, 109, 3086 (1998)
1083. Vidić J., Šuznjević D., Erceg M., Vucelić D., Adsorption behaviour of insulin and soybean trypsin inhibitor at the mercury/solution interface, *J. Electroanal. Chem.*, 452, 151 (1998)
1084. Perić M., Radić-Perić J., Ab initio investigation of the vibronic structure and the spin-orbit coupling in the $X^2\Pi_u$ state of $C_2D_2^+$, *Chem. Phys. Lett.*, 290, 443 (1998)
1085. Schmidt C., Perić M., Murtz P., Wienkoop M., Havenith M., Urban W., Faraday laser magnetic resonance spectroscopy of vibrationally excited C_2D , *J. Mol. Spectr.*, 190, 112 (1998)
1086. Šasić S., Kuzmanović M., Raman spectroscopic study of acetone-phenol mixtures, *J. Raman Spectr.*, 29, 593 (1998)
1087. Šasić S., Quantitative analysis of overlapped Raman spectra by target factor analysis and evolving factor analysis, *Analyst*, 123, 1193 (1998)

1088. Šasić S., Jeremić M., Antić-Jovanović A., Raman study of solvent-solute interactions in solutions of mercury(II)-thiocyanate complexes, *J. Raman Spectr.*, 29, 321 (1998)
1089. Knežević Z., Mojović L., Adnadjević B., Palm oil hydrolysis by lipase from *Candida cylindracea* immobilized on zeolite type Y, *Enzyme Microb. Tech.*, 22, 275 (1998)
1090. Petković J., Minić D., Korićanac Z., Jovanović T., Potentiometric determination of famotidine in pharmaceutical dosage forms, *Pharmazie*, 53, 163 (1998)
1091. Malinar M. J., Miodragović D. U., Milosavljević S., Celap M. B., Vučelić D., Mixed cobalt(III) complexes with S-tyrosine and 1,3-diaminopropane, *Enantiomer*, 3, 349 (1998)
1092. Đordjević A., Vojinović-Miloradov M., Petranović N., Devcerski A., Lazar D., Ribar B., Catalytic preparation and characterization of C60Br24, *Fullerene Sci. Tech.*, 6, 689 (1998)
1093. Ćirić-Marjanović G., Mentus S., Charge-discharge characteristics of polythiophene as a cathode active material in a rechargeable battery, *J. Appl. Electrochem.*, 28, 103 (1998)
1094. Sabo T. J., Grgurić S. R., Minić D. M., Trifunović S. R., Preparation and characterization of facial and meridional isomers of UNS-CIS-(ethylenediamine-N,N'-di-3-propionato)(glycinato) cobalt(III) semihydrate, *J. Coord. Chem.*, 44, 47 (1998)
1095. Ignjatović L. M., Veselinović D. S., Marković D. A., Vukelić N. S., Adsorptive stripping voltammetric determination of the herbicides atrazine and ametryne, *J. Serb. Chem. Soc.*, 63, 75 (1998)
1096. Ribnikar S. V., Trtica M. S., Infrared spectra of uranyl compounds in alkali halide matrices: oxalates and acetates, *J. Serb. Chem. Soc.*, 63, 149 (1998)
1097. Ristić G. S., Petkovska L. T., Bogdanov Z. D., Zec S., Miljanić S. S., Conditioning of the filament for diamond deposition by hot-filament chemical vapour deposition method, *J. Serb. Chem. Soc.*, 63, 231 (1998)
1098. Knezević Z., Mojović L., Adnađević B., Immobilization of lipase on a hydrophobic zeolite type Y, *J. Serb. Chem. Soc.*, 63, 257 (1998)
1099. Kuntić V., Kosanić M., Malesev D., Radović Z., Mioč U., Spectrophotometric investigation of the uranyl(II)-hesperidin complex in 70% methanol, *J. Serb. Chem. Soc.*, 63, 565 (1998)
1100. Stojilković M. M., Holclajtner-Artunović I., Pavlović M. S., Radak B. B., Determination of cesium, rubidium and lithium by stabilized DC arc plasma emission spectrometry, *J. Serb. Chem. Soc.*, 63, 733 (1998)
1101. Obradović M. V., Mitić S. S., Veselinović D. S., Nasković D. C., Spectrophotometric study of the reaction of molybdenum(VI) with sodium-pyrogallol-5-sulphonate. The determination of molybdenum, *J. Serb. Chem. Soc.*, 63, 869 (1998)
1102. Sovilj S. P., Babić-Samardžija K., Minić D. M., Synthesis and physicochemical characterization of the complex cis-[Co(acac)cyclam] (ClO₄)(2), *J. Serb. Chem. Soc.*, 12, 979 (1998)

1103. Malović D., Vučelić D., Application of thermal analysis for explaining the sorption of benzene and N-hexane on silicalite, *J. Therm. Anal. Calorim.*, 53, 835 (1998)
1104. Lalić M., Šašić S., Antić-Jovanović A., Jeremić M., An investigation of the digitized Raman band profiles of aqueous $\text{Mg}(\text{ClO}_4)_2$ -NaSCN solutions, *Spectr. Lett.*, 31, 335 (1998)
1105. Antić-Jovanović A., Vujisić B. R., Bojović V. D., Pešić D. S., Rotational analysis of the $\text{B-}^2\Sigma^+-\text{X-}^2\Sigma^+$ bands of $(\text{CO}^+)-\text{C-12-O-18}$, *Spectr. Lett.*, 31, 1783 (1998)
1106. Vidić J., Šužnjević D., Vučelić D., Application of differential pulse polarography to the study of the binding of Cu(II)-ions to albumin, *J. Serb. Chem. Soc.*, 63, 467 (1998)
1107. Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U. B., Stamenković V., Dielectric properties of metal salts of heteropolyacid hydrates, *Solid state Phenomena*, 61-62, 279 (1998)
1108. Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U., Nedić Z., X-band microwave permittivity measurements on lithium and cesium salts of 12-tungstophosphoric acid, *Mat. Sci. Forum*, 282-283, 193 (1998)
1109. Stamenković J. V., Premović P.I., Rašković Lj. D., Mioč U. B., Nikolić Lj. B., Strukturne osobine poliakrilne kiseline dobivene radijacionim iniciranjem vodenih rastvora akrilne kiseline, *Hem. Ind.* 52, 57 (1998)
1110. Trifunović S., Anđelković K., Sabo T., Marković Z., Minić D., Synthesis, Characterization and Thermal Degradation of Co (II) Complex with Potassium-3-dithiocarboxi-3-aza-5-amino-pentanoatom Dihydrate, *Tehnika-Novi materijali*, 7, 1 (1998)
1111. Anđelković K., Beljanski V., Ivanović-Burmazović I., Brčeski I., Minić D., Thermal Behaviour of Condensed Derivatives of Usnic Acid and their Complexes with Cu(II), *Hem. Ind.*, 52, 351 (1998)
1112. Mentus S., Cvjetičanin N., Impedansna analiza interkalatne elektrode litijum-staklasti ugljenik u aprotičnom elektrolitičkom rastvoru propilen-karbonat + 1M LiClO_4 , *Nauka, Tehnika, Bezbednost*, VIII, 5 (1998)
1113. Anić S., Stanisavljev D., Čupić Ž., Radenković M., Vukojević V., Kolar-Anić Lj., The Selforganization Phenomena during Catalytic Decomposition of Hydrogen Peroxide, *Sci. Sinter.*, 30, 49 (1998)
1114. Lj. Kolar-Anić, Ž. Čupić, S. Anić, Multistabilnost i nelinearni dinamički sistemi, *Hem. Ind.*, 52, 337 (1998)
1115. Todorović S., Juranić N., Macura S., Rusnak F., Binding of N-15-labeled isoniazid to KatG and KatG(S315T): Use of two-spin [zz]-order relaxation rate for N-15-Fe distance determination, *J. Am. Chem. Soc.*, 121, 10962 (1999)
1116. Šašić S., Antić-Jovanović A., Kuzmanović M., Jeremić M., Quantitative analysis of the Raman spectra of mixtures of weakly interacting components by factor analysis methods, *Analyst.*, 124, 1481 (1999)

1117. Razić S., Todorović M., Holclajtner-Antunović I., Stoiljković M., Determination of metal traces in wine by argon stabilized d.c. arc, *Fresen. J. Anal. Chem.*, 365, 367 (1999)
1118. Davidović M., Čajkovski T., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U., Nedić Z., Dielectric investigation of magnesium salt of 12-tungstophosphoric acid hydrate, *Solid State Ionics*, 125, 411 (1999)
1119. Mioč U. B., Milonjić S. K., Stamenković V., Radojević M., Colombari P., Mitrović M. M., Dimitrijević R., Structural properties and proton conductivity of the 12-tungstophosphoric acid doped aluminosilicate gels, *Solid State Ionics*, 125, 417 (1999)
1120. Mioč U. B., Todorović M. R., Colombari P., Nedić Z. P., Uskoković S. M., Borčić I. D., Identification of protonic species and their dynamic equilibrium in magnesium and calcium salts of 12-tungstophosphoric acid, *Solid State Ionics*, 125, 425 (1998)
1121. Perić M., Marian C. M., Engels B., Theoretical investigation of the Renner-Teller effect in Delta electronic states of tetra-atomic molecules. 1. Variational calculation of vibronic structure in the $1^1\Delta_g$ state of B_2H_2 , *Mol. Phys.*, 97, 731 (1999)
1122. Perić M., Ostojić B., Theoretical investigation of the Renner-Teller effect in Delta electronic states of tetra-atomic molecules. 2. Perturbative calculation of the vibronic spectrum in the $1^1\Delta_g$ state of B_2H_2 from the linear molecule standpoint, *Mol. Phys.*, 97, 743 (1999)
1123. Rusnak F., Yu L. A., Todorović S., Mertz P., Interaction of bacteriophage lambda protein phosphatase with Mn(II): Evidence for the formation of a $[Mn(II)]_2$ cluster, *Biochemistry*, 38, 6943 (1999)
1124. Simonović B. R., Mentus S., Dimitrijević R., Šušić M. V., Multiple hydriding dehydriding of $Zr_{1.02}Ni_{0.98}$ alloy, *Int. J. Hydrogen Energ.*, 24, 449 (1999)
1125. Schafer B., Perić M., Engels B., Ab initio investigation of the vibronic spectrum involving the two lowest-lying electronic states of $HCCO$, *J. Chem. Phys.*, 110, 7802 (1999)
1126. Perić M., Ostojić B., Radić-Perić J., Ab initio investigation of the Renner-Teller effect in the ground electronic state of $HCCD^+$, *J. Chem. Phys.*, 110, 4783 (1999)
1127. Milosavljević V., Konjević R., Đenize S., Temperature dependence of Stark width of the 463.054 nm N II spectral line, *Astron. Astrophys. Sup.*, 135, 565 (1999)
1128. Okon E. B., Hranisavljević J., Vučelić D., Kaminsky Y. G., Comparative and quantitative analysis of proteins in urine and peritoneal fluid fractionated with SDS-electrophoresis and stained with silver, *Vop. Med. Khim.*, 45, 165 (1999)
1129. Čupić Z., Kolar-Anić L., Contraction of the model for the Bray-Liebhafsky oscillatory reaction by eliminating intermediate I_2O , *J. Chem. Phys.*, 110, 3951 (1999)
1130. Perić M., Perturbative and variational handling of the Renner-Teller effect in Delta electronic states of triatomic molecules, *Chem. Phys. Lett.*, 301, 73 (1999)

1131. Vukojević V. B., Pejić N. D., Stanisavljev D. R., Anić S. R., Kolar-Anić L. Z., Determination of Cl⁻, Br⁻, I⁻, Mn²⁺, malonic acid and quercetin by perturbation of a non-equilibrium stationary state in the Bray-Liebafsky reaction, *Analyst*, 124, 147 (1999)
1132. Vujisić B., Antić-Jovanović A., Bojović V., Pešić D. S., Pophristic M., New rotational analysis of the B-²Σ⁺-X-²Σ⁺ bands in (GaO)-Ga-69-O-16 and (GaO)-Ga-71-O-16, *J. Mol. Spectr.*, 193, 389 (1999)
1133. Holclajtner-Antunović I., Razić S., Todorović M., Stoilković M., The influence of ethanol addition on excitation of aluminium in the argon stabilized d.c. arc, *Ach-Models Chem.*, 136, 83 (1999)
1134. Gizdavić M., Adnađević B., Semiquantitative IR method for determining phase composition of ultradisperse powders of Si₃N₄⁺, *Ach-Models Chem.*, 136, 183 (1999)
1135. Gizdavić M., Adnađević B., Semiquantitative X-ray structural method for determining phase composition of ultradisperse powders of Si₃N₄ obtained by a plasmachemical procedure, *Ach-Models Chem.*, 136, 193 (1999)
1136. Obradović M. V., Mitić S. S., Sunarić S. M., Veselinović D. S., Reaction between oxalic acid and Na₂HAsO₄. A conductometric and pH metric investigation, *J. Serb. Chem. Soc.*, 64, 39 (1999)
1137. Cvjetičanin N., Mentus S., Electric conductivity of gel-polymeric electrolytes with Ca, Mg and Zn perchlorate salts, *J. Serb. Chem. Soc.*, 64, 117 (1999)
1138. Baranac J. M., Petranović N. A., Dimitrić-Marković J. M., A spectrophotometric study of the reaction of copigmentation of malvin and tannic acid, *J. Serb. Chem. Soc.*, 64, 599 (1999)
1139. Adamović I., Parac M., Hanrath M., Perić M., Ab initio study of the electronic spectrum of BeO, *J. Serb. Chem. Soc.*, 64, 721 (1999)
1140. Simonović B. R., Mentus S. V., Šušić M. V., Examination of the kinetics of Zr_{1.02}Ni_{0.98} alloy hydriding, *J. Serb. Chem. Soc.*, 64, 745 (1999)
1141. Vidić J., Šužnjević D., Erceg M., Vučelić D., Adsorption of ribonuclease A and lysozyme at the mercury/solution interface, *Microchem. J.*, 61, 25 (1999)
1142. Rakić V. M., Hercigonja R. V., Dondur V. T., CO interaction with zeolites studied by TPD and FTIR: transition-metal ion-exchanged FAU-type zeolites, *Micropor. Mesopor. Mat.*, 27, 27 (1999)
1143. Kremenović A., Norby P., Dimitrijević R., Dondur V., High-temperature synchrotron powder diffraction investigation of thermal expansion, strain and microstructure for the co-elastic alpha -beta hexacelsian transition, *Phase. Transit.*, 68, 587 (1999)
1144. Cvjetičanin N. D., Mentus S., Conductivity, viscosity and IR spectra of Li, Na and Mg perchlorate solutions in propylene carbonate/water mixed solvents, *Phys. Chem. Chem. Phys.*, 1, 5157 (1999)
1145. Bojović V., Antić-Jovanović A., Stoilković M. M., Miletić M., Pešić D. S., Vibrational structure of the B-X system of isotopic AgO molecules, *Spectr. Lett.*, 32, 875 (1999)
1146. Miladinović N. D., Obradović M. V., Veselinović D. S., Tošić S. B., Sulphonation of mono-hydroxybenzene and determination of the acidity constants of 2-monosulphohydroxybenzene, *Spectr. Lett.*, 32, 333 (1999)

2000. U osnovne studije uvedeno pet smerova

1994–2000. Deakan Fakulteta za fizičku hemiju: Dragan Marković

1147. Mizoguchi K., Ichikawa K., Sakamoto H., Damjanović Lj., Srdanov V. I., Phase transition in alkali-electro-sodalite studied by ESR, *Synt. Metals*, 103, 1877 (1999)
1148. Madsen G. K., Gatti C., Iversen B. B., Damjanović Lj., Stucky G. D., Srdanov V. I., F center in sodium electrosodalite as a physical manifestation of a non-nuclear attractor in the electron density, *Phys. Rev. B*, 59, 12359 (1999)
1149. Čupić Ž., Kolar-Anić Lj. Contraction of complex models by the stoichiometric network analysis, *Advanced Science and Technology of Sintering*, Stojanović B. D., Skorokhod V. V., Nikolić M. V. (Eds), Kluwer Academic/Plenum Publishers, New York, 75 (1999)
1150. Perić M., Krmar M., Radić-Perić J., Hanrath M., Ab initio investigation of the ... $\pi g^2 (X^3\Sigma_g^-, 1^1\Delta_g, 1^1\Sigma_g^+)$ electronic states of NCN. Study of the Renner-Teller effect in the $1^1\Delta_g$ state, *J. Mol. Spectr.*, 204, 226 (2000)
1151. Vukojević V., Anić S., Kolar-Anić L., Investigation of dynamic behavior of the Bray-Liebhafsky reaction in the CSTR. Determination of bifurcation points, *J. Phys. Chem. A*, 104, 10731 (2000)
1152. Perić M., Grein F., Hachey M. R. J., Ab initio study of the role of vibronic coupling in the ultraviolet valence/Rydberg spectrum of formaldehyde: Handling of vibronic interaction between three electronic states, *J. Chem. Phys.*, 113, 9011 (2000)
1153. Vujaković A. D., Tomašević-Canović M. R., Daković A. S., Dondur V. T., The adsorption of sulphate, hydrogenchromate and dihydrogenphosphate anions on surfactant-modified clinoptilolite, *Appl. Clay Sci.*, 17, 265 (2000)
1154. Simonović B. R., Mentus S., Šušić M. V., Kinetics of tantalum hydriding: the effect of palladization, *Int. J. Hydrogen. Energ.*, 25, 1069 (2000)
1155. Marković J. M. D., Petranović N. A., Baranac J. M., A spectrophotometric study of the copigmentation of malvin with caffeic and ferulic acids, *J. Agr. Food. Chem.*, 48, 5530 (2000)
1156. Schmitz G., Kolar-Anić L., Anić S., Čupić Z., The illustration of multistability, *J. Chem. Edu.*, 77, 1502 (2000)
1157. Micić M., Jeremić M., Radotić K., Leblanc R. M., A comparative study of enzymatically and photochemically polymerized artificial lignin supramolecular structures using environmental scanning electron microscopy, *J. Colloid. Interf. Sci.*, 231, 190 (2000)
1158. Konjević R., Konjević N., On the Stark broadening of the ArVIII 115.47 and 116.19 nm lines, *J. Quant. Spectrosc. Ra.*, 67, 181 (2000)
1159. Šajinović D., Šaponjić Z. V., Cvjetičanin N., Marinović-Cincović M., Nedeljković J. M., Synthesis and characterization of CdS quantum dots-polystyrene composite, *Chem. Phys. Lett.*, 329, 168 (2000)
1160. Cvjetičanin N. D., Šašić S., Raman spectroscopic study of lithium and sodium perchlorate association in propylene carbonate-water mixed solvents, *J. Raman Spectr.*, 31, 871 (2000)

1161. Micić M., Jeremić M., Radotić K., Mavers M., Leblanc, R. M., Visualization of artificial lignin supramolecular structures, *Scanning*, 22, 288 (2000)
1162. Adnađević B., Jovanović J., Investigation of the effects of NaA-type zeolite on PDMS composites, *J. Appl. Polym. Sci.*, 77, 1171 (2000)
1163. Pavlović M. S., Kuzmanović M. M., Pavelkić V. M., Marinković M., The role of demixing effect in analyte emission enhancement by easily ionized elements in d.c. plasma, *Spectrochim. Acta B*, 55, 1373 (2000)
1164. Kapetanović V., Milovanović L., Aleksić M., Ignjatović L., Voltammetric methods for analytical determination of fleroxacin in Quinodis (R) tablets, *J. Pharmaceut. Biomed.*, 22, 925 (2000)
1165. Kuntić V., Malešev D., Radović Z., Vukojević V., Spectrophotometric investigation of the complexing reaction between rutin and titanyloxalate anion in 50% ethanol, *Monatsh. Chem.*, 131, 769 (2000)
1166. Sovilj S. P., Vucković G., Leovac V. M., Minić D.M., Dinuclear copper(II) complexes of N,N',N'',N'''-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane and some N,S or N,O bidentate ligands, *Pol. J. Chem.*, 74, 945 (2000)
1167. Kremenović A., Spasojević-de Bire A., Dimitrijević R., Sciau P., Mioč U. B., Colomban P., Keggin's ion structural modification and expansion of dodecatungstophosphoric acid hexahydrate induced by temperature treatment: In situ X-ray powder diffraction and raman investigations, *Solid State Ionics*, 132, 39 (2000)
1168. Radotić K., Tasić M., Jeremić M., Budimlija Z., Simić-Krstić J., Polzović A., Božović Z., Fractal analysis of STM images of lignin polymer obtained by in vitro synthesis, *Gen. Physiol. Biophys.*, 19, 171 (2000)
1169. Radenović C. N., Maksimov G. V., Jeremić M. G., Vučinić Z. B., Microviscosity of plasma membranes of *Nitella* cells during rest and excitation, *Biofizika*, 45, 502 (2000)
1170. Gutman I., Koolen J. H., Moulton V., Parac M., Soldatovic T., Vidovic D., Estimating and approximating the total pi-electron energy of benzenoid hydrocarbons, *Z. Naturforsch. A.*, 55, 507 (2000)
1171. Milić D. R., Opsenica D. M., Adnađević B., Šolaja B. A., NaY zeolite: A useful catalyst for nitrile hydrolysis, *Molecules*, 5, 118 (2000)
1172. Bošković S., Kosanović D., Dondur V., Dimitrijević R., Synthesis of Si₃N₄-celsian composite materials, *Ceram. Int.*, 26, 33 (2000)
1173. Vujković A. D., Tomašević-Čanović M., Daković A., Dondur V., *Appl. Clay Sci.*, 17, 265 (2000)
1174. Kapetanović V., Aleksić M., Erceg M., Veselinović D., Electrochemical study of cefetamet-Na and its polarographic determination, *Farmaco*, 55, 13 (2000)

1175. Živković P., Pjesić J., Mentus S., Corrosion behaviour of an AlZnSnSrGa alloy in aqueous solutions of NaCl and Na₂SO₄, *J. Serb. Chem. Soc.*, 65, 73 (2000)
1176. Radić-Perić J., Markićević M., The formation of boron, silicon and calcium containing molecular species in a graphite furnace in Ar/O-2 mixtures, *J. Serb. Chem. Soc.*, 65, 181 (2000)
1177. Mioč U. B., Marković J. M. D., Baranac J. M., A study of the IR spectra of copigments formed by malvin chloride with flavones, *J. Serb. Chem. Soc.*, 65, 245 (2000)
1178. Pjesić M. G., Veselinović D. S., Komnenić V. P., Drašković I. V., An investigation of the Fe₃⁺-sulphonated pyrogallol system in aqueous solutions, *J. Serb. Chem. Soc.*, 65, 255 (2000)
1179. Damjanović L., Stucky G. D., Srdanov V. I., Magnetism of F centers; indication of an antiferromagnetic phase transition in potassium-electro-sodalite, *J. Serb. Chem. Soc.*, 65, 311 (2000)
1180. Todorović M. R., Holclajtner-Antunović I., Milićević V. A., Mihajlović R., Contribution to a study of organic solvent addition on trace determination by FAAS, *J. Serb. Chem. Soc.*, 65, 315 (2000)
1181. Tripković M., Todorović M., Holclajtner-Antunović I., Razić S., Kandić A., Marković D., Spectrochemical determination of lead in wines, *J. Serb. Chem. Soc.*, 65, 323 (2000)
1182. Miljanić S. S., Golobočanin D. D., A simplified approach to the vibrational self-relaxation of simple molecules through convolution of their velocities, *J. Serb. Chem. Soc.*, 65, 361 (2000)
1183. Bogunović L. J., Mioč U. B., Jovanović B. Z., Juranić I. O., Infrared study of some 2-substituted-6-hydroxy-4-pyrimidine carboxylic acids. Correlation with MO-calculations, *J. Serb. Chem. Soc.*, 65, 371 (2000)
1184. Mioč U. B., Todorović M. R., Uskoković-Marković S. M., Nedić Z. P., Bošnjaković N. S., A spectroscopic investigation of 12-tungstophosphoric acid alkali salts, *J. Serb. Chem. Soc.*, 65, 399 (2000)
1185. Mioč U. B., Todorović M., Uskoković-Marković S., Nedić Z., Stamenković V., Čajkovski T., Structural modifications of Cu(II) 12-tungstophosphoric acid salt studied by IR and Raman spectroscopy, *J. Serb. Chem. Soc.*, 65, 407 (2000)
1186. Miljanić S. S., Stjepanović N. N., Trtica M. S., An attempt to use a pulsed CO₂ laser for decontamination of radioactive metal surfaces, *J. Serb. Chem. Soc.*, 65, 445 (2000)
1187. Vojinović V., Komnenić V., Pjesić M., Mentus S., Electrochemical behaviour of copper in N,N-dimethylformamide plus 0.5 M potassium perchlorate solution, *J. Serb. Chem. Soc.*, 65, 671 (2000)
1188. Blagojević S., Pejić N., Anić S., Kolar-Anić L., Belousov-Zhabotinsky oscillatory reaction. Kinetics of malonic acid decomposition, *J. Serb. Chem. Soc.*, 65, 709 (2000)
1189. Daković A., Tomašević-Canović M., Dondur V., Vujaković A., Radošević P., Kinetics of aflatoxin B-1 and G(2) adsorption on Ca-clinoptilolite, *J. Serb. Chem. Soc.*, 65, 715 (2000)

1190. Petković J., Mladenović I., Vukelić N., Mojović M., Bačić G., Lanthanide doped alkaline metal sulphates as candidates for EPR dosimetry, *J. Serb. Chem. Soc.*, 65, 743 (2000)
1191. Petranović N., Minić D., Sabo T. J., Doković D., Kinetic and thermodynamic studies of facial and meridional uns-cis-[Co(eddp)gly] complexes, *J. Therm. Anal. Calorim.*, 59, 807 (2000)
1192. Dondur V., Marković S., Mitrović M., Dimitrijević R., Synthesis of Ni-spinel/aluminosilicate composite ceramics mixed at nanoscale level by using zeolite precursors, *Mater. Sci. Forum.*, 352, 110 (2000)
1193. Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U., Nedić Z., Temperature dependence of dielectric relaxation in 12-tungstophosphoric acid hexahydrate at microwave frequencies, *Mater. Sci. Forum.*, 352, 251 (2000)
1194. Sovilj S. P., Babić-Samardžija K., Minić D. M., Stojić D. L., Thermal stability and kinetic studies of new cobalt(III) complexes with a tetraazamacrocyclic and dithiocarbamate ligands, *Mater. Sci. Forum.*, 352, 271 (2000)
1195. Adnadjević B., Jovanović J., An investigation of the effects of a silicalite type zeolite on PDMS-composites, *J. Serb. Chem. Soc.*, 65, 173 (2000)
1196. Mioč U. B., Dimitrić-Marković J. M., Baranac J. M., A study of IR spectra of copigments formed by malvin chloride with flavones, *J. Serb. Chem. Soc.*, 65, 245 (2000)
1197. Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U., Nedić Z.,
1198. Temperature dependence of dielectric relaxation in 12-tungstophosphoric acid hexahydrate at microwave frequencies, *Mat. Sci. Forum*, 352, 352 (2000)
1199. Stojić D. Lj., Miljanić Š. S., Grozdić T. D., Petkovska Lj. T., Jakšić M. M., Electrochemical H/D isotope separation efficiencies on Ti-Ni intermetallic phases and alloys in relation to their hydritic and catalytic properties, *Int. J. Hydrogen Energy*, 25, 819 (2000)
1200. Miljanić Š. S., Stjepanović N. N., Trtica M. S., Possibilities of a metal surface radioactive decontamination using the pulsed CO₂ laser High-Power Lasers in civil Engineering and Architecture, S. Nakai, L. A. Hackel, W. Solomon, Editors, *Proceedings of SPIE3887*, 353 (2000)
1201. Mizoguchi K., Takanashi T., Sakamoto H., Damjanović Lj., Srdanov V. I., Effect of Pressure on Antiferromagnetic Transition in Alkali-Electro-Sodalite, *Mol. Cryst. and Liq. Cryst.*, 341, 467 (2000)
1202. Ćirić J., Anić S., Čupić Ž., Kolar-Anić Lj., The Bray-Liebhafsky Oscillatory Reaction. Kinetic Investigations in Reduction and Oxidation Pathways based on Hydrogen Peroxide Concentration Monitoring, *Sci. Sinter.*, 32, 187 (2000)
1203. Micić M., Radotić K., Benitez I., Ruano M., Jeremić M., Moy V., Mabrouki M., Leblanc R. M., Topographical characterization and surface force spectroscopy of the photochemical lignin model compound, *Biophys. Chem.*, 94, 257 (2001)

1204. Rakić V. M., Dondur V. T., Hercigonja R. V., Thermal effects of the interactions of carbon monoxide with zeolites, *Thermochim. Acta*, 379, 77 (2001)
1205. Vukojević V., Pejić N., Stanisavljev D., Anić S., Kolar-Anić L., Micro-quantitative determination of quercetin by perturbation of a non-equilibrium stationary state in the Bray-Liebhaafsky reaction system, *Pharnazie*, 56, 897 (2001)
1206. Micić M., Benitez I., Ruano M., Mavers M., Jeremić M., Radotić K., Moy V., Leblanc R. M., Probing the lignin nanomechanical properties and lignin-lignin interactions using the atomic force microscopy, *Chem. Phys. Lett.*, 347, 41 (2001)
1207. Perić M., Krmar M., Radić-Perić J., Stevanović L., Ab initio investigation of the Renner-Teller effect in the $A^3\Pi_u$ electronic state of NCN, *J. Mol. Spectr.*, 208, 271 (2001)
1208. Schafer-Bung B., Engels B., Taylor T. R., Neumark D. M., Botschwina P., Perić M., Measurement and theoretical simulation of the HCCO⁻ anion photoelectron spectrum, *J. Chem. Phys.*, 115, 1777 (2001)
1209. Sužnjević D., Erceg M., Vučelić D., Indirect method for quantitative determination of bovine serum albumin and transferin by anodic stripping voltammetry with a rotating glassy carbon electrode, *Microchem. J.*, 69, 59 (2001)
1210. Šašić S., Zorić D., Jeremić M., Antić-Jovanović A., Study of complex formation in Al(III)-thiocyanate-water system via Raman spectra and factor analysis, *Polyhedron*, 20, 839 (2001)
1211. Perić M., Marian C. M., Peyerimhoff S. D., Ab initio study of the vibronic spectrum in the X (2) Π electronic state of HCCS, *J. Chem. Phys.*, 114, 6086 (2001)
1212. Sovilj, S. P., Babić-Samardžija K., Minić D. M., Thermal stability and kinetic studies of new dinuclear copper(II) complexes with octaazamacrocyclic and multidonor bidentate ligands, *Thermochim. Acta*, 370, 29 (2001)
1213. Radotić K., Tasić M., Jeremić M., Budimlija Z., Simić-Krstić J., Polzović A., Božović Z., Fractal analysis of STM images of photochemical polymer of coniferyl alcohol, *Gen. Physiol. Biophys.*, 20, 33 (2001)
1214. Žečević M., Živanović L., Agatonović-Kustrin S., Minić D., The use of a response surface methodology on HPLC analysis of methyl dopa, amiloride and hydrochlorothiazide in tablets, *J. Pharmaceut. Biomed.*, 24, 1019 (2001)
1215. Tripković M., Holclajtner-Antunović I., Marinković M., Marković D., The improvement of the detection power of a U-shaped DC plasma, *J. Serb. Chem. Soc.*, 66, 249 (2001)
1216. Dojčinović M., Mitrović M., Martić M., Vučelić V., Vučelić D., Sorption characteristics of paper produced from sepiolite, *J. Serb. Chem. Soc.*, 66, 385 (2001)
1217. Sevaljević M. M., Mentus S. V., Marjanović N. J., A new technique of arsenic determination based on electrolytic arsine generation and atomic absorption spectroscopy, *J. Serb. Chem. Soc.*, 66, 419 (2001)

1218. Dimitrić-Marković J. M., Mioč U. B., Baranac J. M., Nedić Z. P., A study of the IR spectra of the copigments of malvin chloride with organic acids, *J. Serb. Chem. Soc.*, 66, 451 (2001)
1219. Radić-Perić J., Pekas N., Thermodynamical consideration of the synthesis of solid AlN from thermal plasma, *J. Serb. Chem. Soc.*, 66, 523 (2001)
1220. Krmar M., Perić M., Interplay between vibronic and spin-orbit couplings in (II)-I-3 states of triatomic molecules using as an example the $A^3\Pi_u$ electronic state of NCN, *J. Serb. Chem. Soc.*, 66, 613 (2001)
1221. Đorđević J., Dondur V., Dimitrijević R., Kremenović A., Structural investigations of celsian glass derived from Ba-LTA zeolite, *Phys. Chem. Chem. Phys.*, 3, 1560 (2001)
1222. Vucković M., Mentus S. V., Janata E., Milosavljević B. H., Fast dimerisation of the triparaquat radical dication, *Phys. Chem. Chem. Phys.*, 3, 4310 (2001)
1223. Dimitrić-Marković J. M., Mioč U.B., Baranac J.M., Nedić Z.P., A study of IR spectra of copigments of malvin chloride with organic acid, *J. Serb. Chem. Soc.*, 66, 451 (2001)
1224. Tou H., Maniwa Y., Mizoguchi K., Damjanović Lj., Srdanov V. I., NMR studies on antiferromagnetism in alkali-electro-sodalite, *J. Magnetism and Magnetic Materials*, 226, 1098 (2001)
1225. Minić D. M., Mojović M. D., Hydrogen as Source Energy and Materials for Storage Hydrogen, *Tehnika-Novi materijali*, 10, 1 (2001)
1226. Minić D., Modern Concepts Conversion and Storage Energy, *Hemijski pregled*, 42, 98 (2001)
1227. Minić D., Modern Concepts Conversion and Storage Energy. Carbon Clusters *Hemijski pregled*, 42, 124 (2001)
1228. Pejić N., Čupić Ž., Anić S., Vukojević V., Kolar-Anić Lj., The Oscillatory Bray-Liebhafsky Reaction as a Matrix for Analyzing Enzyme and Polymeric Catalysts for Hydrogen Peroxide decomposition, *Sci. Sinter.*, 33, 107 (2001)
1229. Postić S. D., Marković V., Veselinović D., Mirjanić M., Zec S., Physical-chemic characterisation of osteoporotic bone., *J. Dent. Res.*, 81, B284 (2002)
1230. Kremenović A., Bire A. S., Bouree F., Colomban P., Dimitrijević R., Davidović M., Mioč U. B., Structural modifications of dodecatungstophosphoric acid hexahydrate induced by temperature in the 10-358 K range. In situ high-resolution neutron powder diffraction investigation, *Solid State Ionics*, 150, 431 (2002)
1231. Micić M., Orbulescu J., Radotić K., Jeremić M., Sui G., Zheng Y., Leblanc R. M., ZL-DHP lignin model compound at the air-water interface, *Biophys. Chem.*, 99, 55 (2002)
1232. Perić M., Stevanović L., Jerosimić S., Ab initio study of the $A^2\Pi-X^2\Pi$ electronic transition in HCCS, *J. Chem. Phys.*, 117, 4233 (2002)
1233. Rakić V., Dondur V., Mioč U., Jovanović D., Microcalorimetry in the identification and characterization of the most reactive active sites of heterogeneous catalysts, *Topics in Catalysis* 19, 241 (2002)

1234. Dangić J., Dangić A., Geochemical model of lead in supergenic systems: Mobility, impacts of cerusite and fe-oxyhydroxides, *Geochim. Cosmochim. Ac.*, 66, A166 (2002)
1235. Stanisavljev D. R., Vukojević V. B., Investigation of the influence of heavy water on kinetic pathways in the Bray-Liebhaufsky reaction, *J. Phys. Chem. A*, 106, 5618 (2002)
1236. Stanisavljev D. R., Vukojević V. B., Investigation of the influence of heavy water on kinetic pathways in the Bray-Liebhaufsky reaction, *J. Phys. Chem. B*, 106, 11A (2002)
1237. Miodragović D. U., Malinar M. J., Milosavljević S. M., Zarić S. D., Vucelić D., Celap M. B., Synthesis and absolute configuration of novel mono- and dinuclear cobalt(III) complexes containing S-phenylalanine, *J. Coord. Chem.*, 55, 517 (2002)
1238. Perić M., Peyerimhoff S. D., Perturbative handling of the Renner-Teller effect and spin-orbit coupling in Π electronic states of triatomic and tetra-atomic molecules, *J. Mol. Spectr.*, 212, 142 (2002)
1239. Perić M., Peyerimhoff S. D., Perturbative handling of the Renner-Teller effect and spin-orbit coupling in Δ electronic states of triatomic and tetra-atomic molecules, *J. Mol. Spectr.*, 212, 153 (2002)
1240. Davidović M., Čajkovski T., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U. B., Nedić Z.
1241. Dielectric relaxation and conductivity in barium salt of 12-tungstophosphoric acid hydrate, *Solid State Ionics*, 147, 123 (2002)
1242. Ignjatović L. M., Marković J. M. D., Marković D. A., Baranac J. M., The spectroabsorptometric and voltammetric behavior of malvin in buffered solutions and its antioxidant properties, *J. Serb. Chem. Soc.*, 67, 53 (2002)
1243. Trifunović S. R., Marković Z., Sladić D., Anđelković K., Sabo T., Minić D., The synthesis and characterization of nickel(II) and copper(II) complexes with the polydentate dialkyl dithiocarbamic acid ligand 3-dithiocarboxy-3-aza-5-aminopentanoate, *J. Serb. Chem. Soc.*, 67, 115 (2002)
1244. Vučelić D., Simić D., Kovačević O., Dojčinović M., Mitrović M., The effects of grinding on the physicochemical characteristics of white sepiolite from Goleš, *J. Serb. Chem. Soc.*, 67, 197 (2002)
1245. Ćirić-Marjanović G., Marjanović B., Stamenković V., Vitnik Z., Antić V., Juranić I., Structure and stereochemistry of electrochemically synthesized poly-(1-naphthylamine) from neutral acetonitrile solution, *J. Serb. Chem. Soc.*, 67, 867 (2002)
1246. Pjesić J., Mentus S., Blagojević N., Investigation of titanium corrosion in concentrated NaOH solutions, *Mater. Corros.*, 53, 44 (2002)
1247. Vukojević V., Anić S., Kolar-Anić L., Investigation of dynamic behavior of the Bray-Liebhaufsky reaction in the CSTR. Properties of the system examined by pulsed perturbations with I-, *Phys. Chem. Chem. Phys.*, 4, 1276 (2002)

1248. Rakić V., Dondur V., Mioč U., Jovanović D., Microcalorimetry in the identification and characterization of the most reactive active sites of heterogeneous catalysts, *Top. Catal.*, 19, 241 (2002)
1249. Trtica M. S., Gaković B. M., Radak B. B., Miljanić Š. S., An Efficient Small Scale TEA CO₂ Laser for Material Surface Modification, *International Conference on Atomic and Molecular Pulsed Lasers IV*, V. F. Tarasenko, G. V. Mayer, G. G. Petrash, Editors, *Proceedings of SPIE4747*, 44 (2002)
1250. Minić D., Šušić M., Modern Concepts Conversion and Storage Energy with Dispersed Materials, *Science of Sintering*, 34, 247 (2002)
1251. Minić D., Maričić A., Kinetics of Thermal Relaxation of Cold Sintered Amorphous Powder of 82Ni18P, *Science of Sintering*, 34, 157 (2002)

2003–2008.

1252. Pejić N., Anić S., Kuntić V., Vukojević V., Kolar-Anić L., Kinetic determination of microquantities of rutin by perturbation of the Bray-Liebhafsky oscillatory reaction in an open system, *Microchim. Acta*, 143, 261 (2003)
1253. Farantos S. C., Filippou E., Stamatiadis S., Froudakis G. E., Muhlhauser M., Perić M., Massaouti M., Sfounis A., Velegrakis M., The excited states of Sr⁺CO: photofragmentation spectra and ab initio calculations, *Chem. Phys. Lett.*, 379, 242 (2003)
1254. Jakovljević B., Stevanović O., Bačić G., Metastases to the breast from small-cell lung cancer: MR findings – A case report, *Acta Radiol.*, 44, 485 (2003)
1255. Marković J. M. D., Ignjatović L. M., Marković D. A., Baranac J. M., Antioxidative capabilities of some organic acids and their co-pigments with malvin - Part I, *J. Electroanal. Chem.*, 553, 169 (2003)
1256. Marković J. M. D., Ignjatović L. M., Marković D. A., Baranac J. M., Antioxidative capabilities of some organic acids and their co-pigments with malvin - Part II, *J. Electroanal. Chem.*, 553, 177 (2003)
1257. Nikolić N., Veselinović D., Vučina J., Lingeman H., Karljiković-Rajić K., Chiral ligand-exchange chromatography for diastereo-enantio separation of eximetazime, *J. Pharmaceut Biomed.*, 32, 1159 (2003)
1258. Mentus S., Mojović Z., Cvjetičanin N., Tešić Z., Hydrogen Evolution on Zeolite Supported Platinum Clusters, *Fuel Cells*, 3, 15 (2003)
1259. Daković A., Tomašević-Canović M., Rottinghaus G., Dondur V., Masić Z., Adsorption of ochratoxin A on octadecyldimethyl benzyl ammonium exchanged-clinoptilolite-heulandite tuff, *Colloid Surface B*, 30, 157 (2003)

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2007. Uveden trostepeni sistem studija, po Bolonjskim principima



1260. Ćirić-Marjanović G., Cvjetičanin N., Mentus S., Budinski-Simendić J., Krakovsky I., Electrochemical polymerization of 2-methyl-1-naphthylamine, *Polym. Bull.*, 50, 319 (2003)
1261. Marković S., Dondur V., Dimitrijević R., FTIR spectroscopy of framework aluminosilicate structures: carnegieite and pure sodium nepheline, *J. Mol. Struct.*, 654, 223 (2003)
1262. Ristić G. S., Bogdanov Z. D., Zec S., Romčević N., Dohčević-Mitrović Z., Miljanić Š. S., Effect of the substrate material on diamond CVD coating properties, *Mater. Chem. Phys.*, 80, 529 (2003)
1263. Stojić D. L., Marčeta M. P., Sovilj S. P., Miljanić Š. S., Hydrogen generation from water electrolysis - possibilities of energy saving, *J. Power Sources*, 118, 315 (2003)
1264. Vojinović V., Mentus S., Komnenić V., Bromide oxidation and bromine reduction in propylene carbonate, *J. Electroanal. Chem.*, 547, 109 (2003)
1265. Perić M., Stevanović L., Use of the normal coordinates in variational and perturbative ab initio handling of the vibronic and spin-orbit couplings in II electronic states of linear tetra-atomic molecules, *Int. J. Quantum. Chem.*, 92, 276 (2003)
1266. Grgurić-Šipka S. R., Sabo T. J., Trifunović S. R., Minić D. M., Investigation of thermal stability and kinetics of thermal degradation of meridional isomers of aminocarboxylato cobalt(III) complexes, *Thermochim. Acta*, 399, 145 (2003)
1267. Perić M., Mladenović M., Tomić K., Marian C. M., Ab initio study of the vibronic and spin-orbit structure in the X-2 Pi electronic state of CCCH, *J. Chem. Phys.*, 118, 4444 (2003)
1268. Jugović D., Cvjetičanin N., Kusigerski V., Mentus S., Synthesis of LiMn₂O₄ by glycine-nitrate method, *J. Optoelectron. Adv. M.*, 5, 343 (2003)
1269. Micić M., Radotić K., Jeremić M., Leblanc R. M., Study of self-assembly of the lignin model compound on cellulose model substrate, *Macromol. Biosci.*, 3, 100 (2003)
1270. Kuzmanović M. M., Pavlović M. S., Savović J. J., Marinković M., Temporal responses of spectral line intensities emitted by d.c. arc plasma with aerosol supply studied by power interruption technique, *Spectrochim. Acta B*, 58, 239 (2003)
1271. Bošnjaković N., Uskoković-Marković S., Mioč U. B., Characterization of the barium salt of 12-tungstophosphoric acid by spectroscopic methods, *Mater. Sci. Forum*, 413, 135 (2003)
1272. Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanić V., Biljić R., Mioč U. B., Todorović M., Effects of gamma-irradiation on the dielectric properties of the barium salt of 12-tungstophosphoric acid hydrate, *Mater. Sci. Forum*, 413, 141 (2003)
1273. Grbović J., Laušević Z., Mentus S., New materials as a support for oxygen electrode in fuel cells, *Mater. Sci. Forum*, 413, 225 (2003)
1274. Jovanović J., Adnađević B., Suljovrujić E., Ignjatović N., Uskoković D., Influence of the HAp ratio on the thermodynamic and kinetic parameters of PDMS/HAp composites cross-linking, *Mater. Sci. Forum*, 413, 263 (2003)

1275. Uskoković V., Ignjatović N., Petranović N., Synthesis and characterization of hydroxyapatite-collagen biocomposite materials, *Mater. Sci. Forum*, 413, 269 (2003)
1276. Micić M., Leblanc R. M., Marković D., Stamatović A., Vukelić N., Polić P., Atlas of the tropospheric aerosols from Belgrade troposphere, *Fresen. Environ. Bull.*, 12, 1015 (2003)
1277. Stojić D. L., Miljanić S. S., Jakšić M. M., Electrochemical H/D isotope separation efficiency along a hypo-hyper-d-electronic (Ti-Ni) phase diagram, *J. New. Mat. Electrochem. Syst.*, 6, 55 (2003)
1278. Marković R., Shirazi A., Džambaski Z., Baranac M., Minić D., Hydrogen bonding in push-pull 5-substituted-2-alkylidene-4-oxothiazolidines: H-1-NMR spectroscopic study, *J. Serb. Chem. Soc.*, 68, 1 (2003)
1279. Mihajlović R. P., Ignjatović N. R., Todorović M. R., Hoclajtner-Antunović I., Kaljević V. M., Spectrophotometric determination of phosphorus in coal and coal ash using bismuth-phosphomolybdate complex, *J. Serb. Chem. Soc.*, 68, 65 (2003)
1280. Rašković M., Holclajtner-Antunović I., Tripković M., Marković D., Excitation and analytical characteristics of an ethanol loaded U-shaped arc, *J. Serb. Chem. Soc.*, 68, 109 (2003)
1281. Blizanac B., Mentus S., Cvijetišanin N., Pavlović N., Temperature effect on graphite KS44 lithiation in ethylene carbonate plus propylene carbonate solution: galvanostatic and impedance study, *J. Serb. Chem. Soc.*, 68, 119 (2003)
1282. Jerosimić S., Perić M., Use of the group theory for classification of electronic states of acetylene, *J. Serb. Chem. Soc.*, 68, 363 (2003)
1283. Rakić V., Dondur V., Hercigonja R., FTIR study of carbon monoxide adsorption on ion-exchanged X, Y and mordenite type zeolites, *J. Serb. Chem. Soc.*, 68, 409 (2003)
1284. Vojinović V., Mentus S., Komnenić V., Thermodynamic and kinetic behavior of hydrogen electrode in a solution of 0.5 M KClO₄ in dimethyl sulphoxide, *J. Serb. Chem. Soc.*, 68, 497 (2003)
1285. Simonović B. R., Mentus S. V., Dimitrijević R., Kinetic and structural aspects of tantalum hydride formation, *J. Serb. Chem. Soc.*, 68, 657 (2003)
1286. Radić-Perić J., Pantelie N., Thermodynamical modeling of silicon carbide synthesis in thermal plasma, *J. Therm. Anal. Calorim.*, 72, 35 (2003)
1287. Dondur V., Marković S., Dimitrijević R., Macura S., Arandjelović D., Reconstructive and displacive transformations of tectosilicates - Non-stoichiometric carnegieite, *J. Therm. Anal. Calorim.*, 72, 373 (2003)
1288. Rakić V. M., Dondur V. T., Hercigonja R. V., Andrić V., The investigation of strong active sites of dealuminated Y-type zeolite by TPD of carbon monoxide, *J. Therm. Anal. Calorim.*, 72, 761 (2003)
1289. Čajkovski T., Davidović M., Pissis P., Polizos G., Čajkovski D., Likar-Smiljanić V., Biljić R., Nedić Z., Mioč U. B., Dielectric investigation of electrical conductivity in the copper salt of the 12-tungstophosphoric acid hydrate, *Solid State Ionics*, 162, 203 (2003)

1290. Mioč U. B., Todorović M. R., Uskoković-Marković S. M., Davidović M., Kremenović A., Spasojević-de Bire A., Čajkovski T., Likar-Smiljanić V., Biljić R., Structure and proton conductivity in a magnesium salt of 12-tungstophosphoric acid, *Solid State Ionics*, 162, 217 (2003)
1291. Ćirić-Marjanović G., Cvjetičanin N., Mentus S., Electrochemical synthesis and structure of poly(2-methyl-1-naphthylamine) films, *Spectr. Lett.*, 36, 151 (2003)
1292. Kuzmanović M. M., Antić-Jovanović A., Stoilković M., Pavlović M. S., Marinković M., A power interruption technique for determining the difference between electron and gas temperatures in the argon d.c. arc supplied with aqueous aerosol, *Spectr. Lett.*, 36, 303 (2003)
1293. Bojović V., Antić-Jovanović A., Pešić D., Isailović D., Kuzmanović M., Vibrational analysis of the beta system of (BO)-B-10-O-18, *Spectr. Lett.*, 36, 531 (2003)
1294. Blagojević V. A., Maričić A. M., Jordović B., Minić D. M., Synthesis and Characterization of Cobalt Powders, *Science of Sintering*, 465 (2003)
1295. Maričić A. M., Kaležec-Glišović A., Minić D. M., Ristić M. M., Correlation Between Thermo-Electromotive Force Change and Electric Conductivity at Structure Changes of the $\text{Co}_{70}\text{Fe}_{10}\text{Si}_{10}\text{B}_{15}$ Amorphous Alloy During Heating up to 900 K, *Science of Sintering*: 403 (2003)
1296. Ristić G. S., Bogdanov Z. D., Miljanić Š. S., ΧΗΜΙΚΗ ΑΠΟΘΕΣΗ ΔΙΑΜΑΝΤΙΟΥ ΑΠΟ ΑΕΡΙΑ ΦΑΣΗ - ΣΥΝΤΟΜΗ ΑΝΑΣΚΟΠΗΣΗ (Chemical Vapour Deposition of Diamond - Short Review, ΧΗΜΙΚΑ ΧΡΟΝΙΚΑ (Chemica Chronika) 65, 34 (2003)
1297. Mizoguchi K., Yamabe T., Sakamoto H., Damjanović Lj., Srdanov V. I., Pressure tuning of the exchange interactions between s-electrons in a bcc lattice of sodalite cages, *Physica B: Condensed Matter*, 329-333, 1255 (2003)
1298. Mizoguchi K., Yamabe T., Sakamoto H., Damjanović Lj., Srdanov V. I., Electronic states of alkali-electro-sodalite under pressure, *Synt. Metals*, 137, 909 (2003)
1299. Blizanac B., Mentus S., Cvjetičanin N., Pavlović N., Temperature effect on graphite KS44 lithiation in ethylene carbonate + propylene carbonate solution: galvanostatic and impedance study, *J. Serb. Chem. Soc.*, 68, 119 (2003)
1300. Jugović D., Milošević O., Cvjetičanin N., Mitrić M., Miljković M., Jokanović V., Mentus S., Uskoković D., Aerosol Synthesis of LiMn_2O_4 and its Electrochemical Performances, *Science of Sintering*, 197 (2003)
1301. Jovanović J., Adnađević B., Kićanović A., Uskoković D., The influence of hydroxyapatite modification on the cross-linking of polydimethylsiloxane/HAp composites, *Colloid Surface B*, 39, 181 (2004)
1302. Mladenović M., Perić M., Engels B., An ab initio calculation of the anisotropic hyperfine coupling constants in the low-lying vibronic levels of the $X^2\Pi$ electronic state of CCH, *J. Chem. Phys.*, 121, 12361 (2004)

1303. Mladenović M., Perić M., Jerosimić S., Engels B., Ab initio study of the hyperfine structure of the $X^2\Pi$ electronic state of HCCS, *Mol. Phys.*, 102, 2623 (2004)
1304. Mojović M., Vuletić M., Bačić G. G., Vučinić Z., Oxygen radicals produced by plant plasma membranes: an EPR spin-trap study, *J. Exp. Bot.*, 55, 2523 (2004)
1305. Mentus, SV, Oxygen reduction on anodically formed titanium dioxide, *Electrochim. Acta*, 50, 27 (2004)
1306. Kremenović A., Norby P., Dimitrijević R., Dondur V., Phase transition in hexacelsian at about 580 K, *Phase Transit.*, 77, 955 (2004)
1307. Dimitrijević R., Dondur V., Vulić P., Marković S., Macura S., Structural characterization of pure Na-nephelines synthesized by zeolite conversion route, *J. Phys. Chem. Solids*, 65, 1623 (2004)
1308. Mioč U. B., Colomban P., Sagon G., Stojanović M., Rosić A., Ochre decor and cinnabar residues in Neolithic pottery from Vinca, Serbia, *J. Raman Spect.*, 35, 843 (2004)
1309. Rakić V., Dondur V., Gajivon S., Auroux A., Calorimetric study of room temperature adsorption of N₂O and CO on Cu(II)-exchanged ZSM5 zeolites, *Thermochim. Acta*, 420, 51 (2004)
1310. Maricić A., Minić D. M., Zak T., Influence of the changes of free electron density on electrical and magnetic properties of the Co₇₀Fe₅Si₁₀B₁₅ amorphous alloy, *Sci. Sinter.*, 36, 197 (2004)
1311. Perić M., Mladenović M., Engels B., An ab initio study of the hyperfine structure in the $X^2\Pi$ electronic state of CCCH, *J. Chem. Phys.*, 121, 2636 (2004)
1312. Perić M., Mladenović M., Engels B., An ab initio study of the vibronic, spin-orbit and hyperfine coupling in the (XII)-I-2 electronic state of the CCCD radical, *Chem. Phys. Lett.*, 393, 552 (2004)
1313. Mentus S., Mojović Z., Cvjetičanin N., Tešić Z., Electrochemical water splitting on zeolite supported platinum clusters, *J. New Mat. Elect. Syst.*, 7, 213 (2004)
1314. Nikčević I., Jokanović V., Mitrić M., Nedić Z., Makovec D., Uskoković D., Mechanochemical synthesis of nanostructured fluorapatite/fluorhydroxyapatite and carbonated fluorapatite / fluorhydroxyapatite, *J. Solid State Chem.*, 177, 2565 (2004)
1315. Kaninski M. P. M., Maksić A. D., Stojić D. L., Miljanić S. S., Ionic activators in the electrolytic production of hydrogen – cost reduction-analysis of the cathode, *J. Power Sources*, 131, 107 (2004)
1316. Zak T., Schneeweiss O., Minić D., Structure and phase analysis of electrochemically synthesized Fe-W, *J. Magn. Magn. Mater.*, 272, E1119 (2004)
1317. Holclajtner-Antunović I., Račković M., Jovičević S., Spectroscopic characterization of low power argon microwave induced plasma, *Spectrochim. Acta B*, 59, 419 (2004)
1318. Vukojević V., Yakovleva T., Terenius L., Pramanik A., Bakalkin G., Denaturation of dsDNA by p53: fluorescence correlation spectroscopy study, *Biochem. Bioph. Res. Co.*, 316, 1150 (2004)

1319. Micić M., Radotić K. A., Jeremić M., Đikanović D., Kammer S. B., Study of the lignin model compound supramolecular structure by combination of near-field scanning optical microscopy and atomic force microscopy, *Colloid Surface B.*, 34, 33 (2004)
1320. Savović J., Nikolić R., Veselinović D., Cobalt(II) chloride complex formation in acetamide-calcium nitrate tetrahydrate melts, *J. Solution. Chem.*, 33, 287 (2004)
1321. Zečević M., Minić D., Stojšić D., Zivanović L. J., Ivanović I., Application of experimental design to the development of an HPLC method for the analysis of ochratoxin A in *Triticum aestivum* grain, *Pharmazie*, 59, 175 (2004)
1322. Nikolić N., Veselinović D., Vladimirov S., Karljiković-Rajić K., Lingeman H., Chiral ligand-exchange chromatography as the screening method for proposed modifications in eximetazime synthesis to enhance diastereoselectivity, *J. Pharmaceut. Biomed.*, 34, 285 (2004)
1323. Marković R., Shirazi A., Džambaski Z., Baranac M., Minić D., Configurational isomerization of push-pull thiazolidinone derivatives controlled by intermolecular and-intramolecular RAHB: H-1 NMR dynamic investigation of concentration and temperature effects, *J. Phys. Org. Chem.*, 17, 118 (2004)
1324. Begović N., Markovkić Z., Anić S., Kolar-Anić L., Computational investigation of HIO and HIO₂ isomers, *J. Phys. Chem. A*, 108, 651 (2004)
1325. Stanisavljev D. R., Đorđević A. R., Likar-Smiljanić V. D., Microwave driven Bray-Liebhafsky oscillatory reaction, *Chem. Phys. Chem.*, 5, 140 (2004)
1326. Dragović S., Nedić O., Stanković S., Bačić G., Radiocesium accumulation in mosses from highlands of Serbia and Montenegro: chemical and physiological aspects, *J. Environ. Radioactiv.*, 77, 381 (2004)
1327. Radosavljević-Mihajlović A., Dondur V., Daković A., Lemić J., Tomasević-Canović M., Physicochemical and structural characteristics of HEU-type zeolitic tuff treated by hydrochloric acid, *J. Serb. Chem. Soc.*, 69, 273 (2004)
1328. Vasić V., Savić J., Vukelić N., Sorption-spectrophotometric method for the determination of Pd(II) in aqueous solutions, *J. Serb. Chem. Soc.*, 69, 309 (2004)
1329. Razić S., Holclajtner-Antunović I. H., Todorović M., The influence of ethanol addition on the spatial emission distribution of traces in a vertical argon stabilized DC arc plasma, *J. Serb. Chem. Soc.*, 69, 377 (2004)
1330. Korićanac Z., Jovanović T., Petković J., Minić D., Spectrophotometric investigation of famotidine-Pd(II) complex and its analytical application in drug analysis, *J. Serb. Chem. Soc.*, 69, 485 (2004)
1331. Savin A., Veselinović D., Marković D., The correlation of the values of plant-avalilable Pb and Cd in soil determined using different types of extragens, *J. Serb. Chem. Soc.*, 69, 1145 (2004)

1332. Šljukic B., Banks C. E., Mentus S., Compton R. G., Modification of carbon electrodes for oxygen reduction and hydrogen peroxide formation: The search for stable and efficient sonoelectrocatalysts, *Phys. Chem. Chem. Phys.*, 6, 992 (2004)
1333. Šljukić B., Banks C. E., Compton R. G., The search for stable and efficient sonoelectrocatalysts for oxygen reduction and hydrogen peroxide formation: azobenzene and derivatives, *Phys. Chem. Chem. Phys.*, 6, 4034 (2004)
1334. Rakić V., Dondur V., Gajinov S., Auroux A., Oxidation state of copper ions in ZSM-5 zeolite, *Mater. Sci. For.*, 453, 83 (2004)
1335. Šljukić B., Vukelić N., Mentus, S., Body Ni-doped glassy carbon: Physical and electrochemical characterization, *Mater. Sci. For.*, 453, 103 (2004)
1336. Ćirić-Marjanović G., Krakovsky I., Budinski-Simendić J., Electrochemical polymerization of 2-methyl-1-naphthylamine in an acidic perchlorate aqueous medium, *Mater. Sci. For.*, 453, 139 (2004)
1337. Nedić Z. P., Mioč U. B., Todorović M., Arandžević D., Odović M., Thermal and conductivity analyses of alkaline earth salts of 12-tungstophosphoric acid, *Mater. Sci. For.*, 453, 151 (2004)
1338. Sređić S., Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanic V., Marinović-Cincović M., Mioč U. B., Nedić Z., Biljic R., Physicochemical properties of Al-pillared montmorillonite doped with 12-tungstophosphoric acid, *Mater. Sci. For.*, 453, 157 (2004)
1339. Mojović Z., Mentus S., Tešić Z., Introduction of Pt and Pd nanoclusters in zeolite cavities by thermal degradation of acetylacetonates, *Mater. Sci. For.*, 453, 257 (2004)
1340. Todorović Z. N., Milonjić S. K., Dondur V. T., The influence of the solid/liquid ratio on the point of zero charge of alumina, *Mater. Sci. For.*, 453, 361 (2004)
1341. Jugović D., Mitrić M., Cvjetičanin N., Miljković M., Jakanović V., Uskoković D., Properties of LiMn₂O₄ powders obtained by ultrasonic spray pyrolysis, *Mater. Sci. For.*, 453, 387 (2004)
1342. Marković S., Pejović V., Mitrić M., Cvjetičanin N., Makovec D., Uskoković D., Screen printed BaTi_{1-x}SnxO₃ multilayer materials, *Mater. Sci. For.*, 453, 459 (2004)
1343. Devečerski A., Grbović J., Laušević Z., Petranović N., Increased stability of C/C-composite towards catalytic oxidation, *Mater. Sci. For.*, 453, 491 (2004)
1344. Jovanović J., Adnađević B., Ostojić S., Kićanović M., An investigation of the dehydration of superabsorbing polyacrylic hydrogels, *Mater. Sci. For.*, 453, 543 (2004)
1345. Minić D., Jakovljević G., Sladić D., Anđelković K., Investigation of thermal stability and kinetic studies of transition metal complexes with the condensation product of 2,6-diacetylpyridine and semioxamazine, *Mater. Sci. For.*, 453, 567 (2004)
1346. Radak B. B., Petkovska M. T., Trtica M. S., Miljanić Š. S., Petkovska Lj. T., Photoacoustic study of CO₂-laser coincidences with absorption of some organic solvent vapours, *Anal. Chim. Acta*, 505, 67 (2004)

1347. Holclajtner-Antunović I., Kuntić V., Juranić Z., Filipović I., Mioč U., Stanojković T., Žižak Ž., Study of some polyoxometallates of Keggin's type as potential antitumor agents, *Jugoslav. Med. Biochem.*, 23, 25 (2004)
1348. Begović N., Marković Z., Anić, S. Kolar-Anić Lj., Modelling the Formation of Biogenic Iodine in Marine Aerosols, *Environ. Chem. Lett.*, 2, 65 (2004)
1349. Rakić V., Rac V., Dondur V., Auroux A., Competitive adsorption of N₂O and CO on CuZSM-5, FeZSM-5, CoZSM-5 and bimetallic forms of ZSM-5 zeolite, *Catal. Today*, 110, 272 (2005)
1350. Davidović A., Čajkovski T., Colomban P., Mioč U. B., Likar-Smiljanić V., Čajkovski D., Biljić R., Nedić Z., The influence of monovalent and bivalent cations on the electrical properties of 12-Tungstophosphoric acid salts, *Solid State Ionics*, 176, 2881 (2005)
1351. Jokanović V., Mioč U. B., Nedić Z., Nanostructured phosphorous tungsten bronzes from ultrasonic spray pyrolysis, *Solid State Ionics*, 176, 2955 (2005)
1352. Mioč U. B., Todorović M. R., Davidović A., Colomban P., Holclajtner-Antunović I., Heteropoly compounds - From proton conductors to biomedical agents, *Solid State Ionics*, 176, 3005 (2005)
1353. Daković A., Tomasević-Canović M., Dondur V., Rottinghaus G. E., Medaković V., Zarić S., Adsorption of mycotoxins by organozeolites, *Colloid Surface B*, 46, 20 (2005)
1354. Hercigonja R., Dondur V. Rakić V., A study of the adsorption thermodynamics of n-hexane on ion-exchanged X zeolite, *J. Serb. Chem. Soc.*, 70, 12 (2005)
1355. Spasojević I., Maksimović V., Zakrzewska J., Bašić G., Effects of 5-fluorouracil on erythrocytes in relation to its cardiotoxicity: Membrane structure and functioning, *J. Chem. Inf. Model*, 45, 1680 (2005)
1356. Mojović M., Spasojević I., Bašić G., Detection of hydrogen atom adduct of spin-trap DEPMPO. The relevance for studies of biological systems, *J. Chem. Inf. Model*, 45, 1716 (2005)
1357. Parac M., Etinski M., Perić M., Grimme S., A theoretical investigation of the geometries and binding energies of molecular tweezer and clip host-guest systems, *J. Chem. Theory. Comput.*, 1, 1110 (2005)
1358. Marković J. M. D., Baranac J. M., Brdaric T. P., Electronic and infrared vibrational analysis of cyanidin-quercetin copigment complex, *Spectrochim. Acta A*, 62, 673 (2005)
1359. Stojiljković M. M., Pavlović M. S., Savović J., Kumanović M., Maninković M., Study of aerosol sample interaction with dc plasma in the presence of oscillating magnetic field, *Spectrochim. Acta B*, 60, 1450 (2005)
1360. Jelić S., Čupić Ž., Kolar-Anić L., Mathematical modeling of the hypothalamic-pituitary-adrenal system activity, *Math. Biosci.*, 197, 173 (2005)
1361. Miodragović D. U., Miodragović Z. M., Skala D., Malinar M. J., Minić D. M., Anđelković K., Mixed cobalt(III) complexes with aromatic amino acids and diamine – Part V. Thermal investigation

- of (1,2-diaminoethane)bis(S-tyrosinato)cobalt(III) complex diastereomers, *Thermochim. Acta*, 436, 90 (2005)
1362. Čajkovski T., Davidović M., Pissis P., Polizos G., Čajkovski D., Likar-Smiljanić V., Sredić S., Mioč U. B., Dielectric relaxation spectroscopy of montmorillonite doped with 12-tungstophosphoric acid, *J. Non-Cryst. Solids*, 351, 2842 (2005)
 1363. Stanisavljev D. R., Đorđević A. R., Likar-Smiljanić V. D., Investigation of microwave effects on the oscillatory Bray-Liebhafsky reaction, *Chem. Phys. Lett.*, 412, 420 (2005)
 1364. Stojić D. L., Maksić A. D., Kaninski M. P. M., Cekić B. D., Miljanić S. S., Improved energy efficiency of the electrolytic evolution of hydrogen - Comparison of conventional and advanced electrode materials, *J. Power. Sources*, 145, 278 (2005)
 1365. Damjanović L., Rakić V., Mioč U. B., Auroux A., Influence of cations on active sites of the alkaline earth salts of 12-tungstophosphoric acid: microcalorimetric study, *Thermochim. Acta*, 434, 81 (2005)
 1366. Bošković I., Mentus S. V., Pjescić J. M., Ta(2)O₅ templated growth of droplet-like platinum particles by potentiodynamic polarization of tantalum in aqueous solution of hexachloroplatinic acid, *Electrochem. Commun.*, 7, 797 (2005)
 1367. Minić D. M., Kak T., Schneeweiss O., Pizurova N., Ristić M. M., Synthesis and properties of Fe-W powder, *Czech. J. Phys.*, 55, 823 (2005)
 1368. Mentus S. V., Electrochemical response of a composite Pt/TiO₂ layer formed potentiodynamically on titanium surfaces, *Electrochim. Acta*, 50, 3609 (2005)
 1369. Popović-Bijelić A., Bijelić G., Jorgovanović N., Bojanić D., Popović M. B., Popović D. B., Multi-field surface electrode for selective electrical stimulation, *Artif. Organs.*, 29, 448 (2005)
 1370. Mladenović M., Perić M., Engels B., An ab initio calculation of the anisotropic hyperfine coupling constants in the low-lying vibronic levels of the X 2P electronic state of CCCH, *J. Chem. Phys.*, 122, 209901 (2005)
 1371. Obradović N., Labus N., Srecković T., Minić D., Ristić M. M., Synthesis and characterization of zinc titanate nano-crystal powders obtained by mechanical activation, *Sci. Sinter.*, 37, 123 (2005)
 1372. Mladenović M., Perić M., Engels B., An ab initio study of the vibronic, spin-orbit, and magnetic hyperfine structure in the X-²Π electronic state of NCO, *J. Chem. Phys.*, 122, 144306 (2005)
 1373. Bojović V., Antić-Jovanović A., Kuzmanović M., High-resolution spectra of the (BO)-B-10-O-18 and (BO)-B-11-O-18: Rotational analysis of the B-X bands, *Chinese. Phys. Lett.*, 22, 857 (2005)
 1374. Dragović S., Onjia A., Stanković S., Aničin I., Bačić G., Artificial neural network modelling of uncertainty in gamma-ray spectrometry, *Nucl. Instrum. Meth. A*, 540, 455 (2005)
 1375. Vukojević V., Pramanik A., Yakovleva T., Rigler R., Terenius L., Bakalkin G., Study of molecular events in cells by fluorescence correlation spectroscopy, *Cell. Mol. Life Sci.*, 62, 535 (2005)

1376. Marković J. M. D., Petranović N. A., Baranac J. M., The copigmentation effect of sinapic acid on malvin: a spectroscopic investigation on colour enhancement, *J. Photoch. Photobio. B.*, 78, 223 (2005)
1377. Mladenović M., Perić M., Ranković R., Engels B., An ab initio study of the hyperfine structure in the X-2 Pi electronic state of HCCS-calculation of vibronically averaged components of the anisotropic hyperfine tensor, *Mol. Phys.*, 103, 587 (2005)
1378. Pejić N., Blagojević S., Anić S., Vukojević V., Kolar-Anić L., Microquantitative determination of hesperidin by pulse perturbation of the oscillatory reaction system, *Anal. Bioanal. Chem.*, 381, 775 (2005)
1379. Radotić K., Micić M., Jeremić M., New insights into the structural organization of the plant polymer lignin, *Ann. Ny. Acad. Sci.*, 1048, 215 (2005)
1380. Bačić G., Mojović M., EPR spin trapping of oxygen radicals in plants - A methodological overview, *Ann. Ny. Acad. Sci.*, 1048, 230 (2005)
1381. Spasojević I., Zakrzewska J., Bačić G. G., P-31 NMR spectroscopy and polarographic combined study of erythrocytes treated with 5-fluorouracil - Cardiotoxicity-related changes in ATP, 2,3-BPG, and O-2 metabolism, *Ann. Ny. Acad. Sci.*, 1048, 311 (2005)
1382. Popović-Bijelić A., Bijelić G., Kolar-Anić L., Vukojević V., Numerically simulated pH-induced reactivation of catalytic activity of horseradish peroxidase, *Ann. N. Y. Acad. Sci.*, 1048, 457 (2005)
1383. Maksimović V., Mojović M., Neumann G., Vucinić Z., Nonenzymatic reaction of dihydroxyacetone with hydrogen peroxide enhanced via a Fenton reaction, *Ann. Ny. Acad. Sci.*, 1048, 461 (2005)
1384. Mojović M., Vuletić M., Bačić G. G., Detection of oxygen-centered radicals using EPR spin-trap DEPMPO - The effect of oxygen, *Ann. Ny. Acad. Sci.*, 1048, 471 (2005)
1385. Veljović-Jovanović S., Kukavica B., Cvetić T., Mojović M., Vucinić Z., Ascorbic acid and the oxidative processes in pea root cell wall isolates - Characterization by fluorescence and EPR spectroscopy, *Ann. Ny. Acad. Sci.*, 1048, 500 (2005)
1386. Skipina B., Čajkovski T., Davidović M., Čajkovski D., Likar-Smiljanić V., Mioč U. B., Conductivity of grains and grain boundaries in polycrystalline heteropoly acid salts, *Mat. Sci. Forum*, 494, 101 (2005)
1387. Dondur V., Dimitrijević R., Kremenović A., Damjanović L., Kićanović M., Cheong H. M., Macura S., Phase transformation of hexacelsian doped with Li, Na and Ca, *Mat. Sci. Forum*, 494, 107 (2005)
1388. Veljković M., Nešković O., Đerić A., Veličković S., Šipka V., Hypervalent molecular cluster: C₂₈H₄, *Mat. Sci. Forum*, 494, 181 (2005)
1389. Janković B., Adnađević B., Jovanović J., Minić D., Kolar-Anić L., Thermogravimetric analysis of superabsorbing polyacrylic hydrogel, *Mat. Sci. Forum*, 494, 193 (2005)

1390. Potkonjak N., Sužnjević D., Simonović B. R., Mentus S., Electrochemical study of hydrogen electrode reaction kinetics on $\text{LnNi(3.55)Co(0.75)Mn(0.4)Al(0.3)}$ alloy electrode, *Mat. Sci. Forum*, 494, 205 (2005)
1391. Radić-Perić J., Formation of solid TiC from thermal plasma: Thermodynamic consideration, *Mat. Sci. Forum*, 494, 303 (2005)
1392. Krstić J., Vukelić N., Nedić Z., Milutinović-Nikolić A., Sucurović A., Jovanović D., Nickel/silica precursor from sodium silicate solution - Synthesis and characterization, *Mat. Sci. Forum*, 494, 333 (2005)
1393. Mentus S., Majstorović D. M., Tomić B. S., Dimitrijević R. Z., Reduction of NiO-WO_3 oxide mixtures synthesized by gel-combustion technique: A route to Ni-W alloys, *Mat. Sci. Forum*, 494, 345 (2005)
1394. Todorović M. R., Mioč U. B., Holclajter-Antunović I., Šegan D., Synthesis and characterization of ammonium Decavanadate (V), *Mat. Sci. Forum*, 494, 351 (2005)
1395. Ćirić-Marjanović G., Marjanović B., Trchova M., Holler P., Structural characterization of poly(o-tolidine), *Mat. Sci. Forum*, 494, 357 (2005)
1396. Milošević M., Pejić N., Čupić Z., Anić S., Kolar-Anić L., Examinations of cross-linked polyvinylpyridine in open reactor, *Mat. Sci. Forum*, 494, 369 (2005)
1397. Todorović T., Anđelković K., Sladić D., Jeremić D., Minić D., Investigation of thermal stability of Zn(II) , Pt(II) and Pd(II) complexes with (E)-2-oxo-2-(N-[1-(pyridin-2-yl)ethylidene]hydrazino} acetamide, *Mat. Sci. Forum*, 494, 375 (2005)
1398. Argiris C., Damjanović T., Stojanović M., Borchardt G., Synthesis and electrophoretic deposition of an yttrium silicate coating system for oxidation protection of C/C-Si-SiC composites, *Mat. Sci. Forum*, 494, 451 (2005)
1399. Radić M., Ignjatović N., Nedić Z., Mitrić M., Milicević D., Uskoković D., Synthesis and characterization of biphasic calcium phosphate/poly-(DL-lactide-co-glycolide) biocomposite, *Mat. Sci. Forum*, 494, 537 (2005)
1400. Matija L., Jovanović J., Adnađević B., Koruga D., Kinetics of interaction between fullerol C-60(OH)_{24} and polyacrylic hydrogels, *Mat. Sci. Forum*, 494, 555 (2005)
1401. Stojić D. L., Cekić M. D., Maksić A. D., Kaninski M. P. M., Miljanić E. S., Intermetallics as cathode materials in the electrolytic hydrogen production, *Int. J. Hydrogen Energ.*, 30, 21 (2005)
1402. Mojović M., Spasojević I., Vuletić M., Vučinić Z., Bačić G., An EPR spin-probe and spin-trap study of the free radicals produced by plant plasma membranes, *J. Serb. Chem. Soc.*, 70, 177 (2005)
1403. Jerosimić S., Krmar M., Radić-Perić J., Perić M., Theoretical investigation of the hyperfine structure in spatially and spin degenerate electronic states of triatomic and tetra-atomic molecules, *J. Serb. Chem. Soc.*, 70, 423 (2005)

1404. Dondur V., Rakić V., Damjanović L., Auroux A., Comparative study of the active sites in zeolites by different probe molecules, *J. Serb. Chem. Soc.*, 70, 457 (2005)
1405. Kuzmanović M., Antić-Jovanović A., Pesić D., Bojović V., Franck-Condon factors and r-centroids for the B-X bands of (B0)-B-10-O-18 and (B0)-B-11-O-18 molecules, *J. Serb. Chem. Soc.*, 70, 727 (2005)
1406. Kuzmanović M., Savović J., Pavlović M., Stojković M., Antić-Jovanović A., Marinković M., Influence of easily ionised elements on the delayed responses of the emission intensities of an analyte in a power modulated U-shaped argon stabilised DC arc plasma with an aerosol supply, *J. Serb. Chem. Soc.*, 70, 1033 (2005)
1407. Čupić Z., Jovanović D., Krstić J., Vukelić N., Nedić Z., Non-isothermal kinetic characterisation of a gas-solid reaction by TG analysis, *J. Serb. Chem. Soc.*, 70, 1301 (2005)
1408. Hercigonja R., Dondur V., Rakić V., A study of the adsorption thermodynamics of n-hexane on ion-exchanged X zeolites, *J. Serb. Chem. Soc.*, 70, 1409 (2005)
1409. Marković D. M., Marković D. A., The relationship between some meteorological parameters and the tropospheric concentrations of ozone in the urban area of Belgrade, *J. Serb. Chem. Soc.*, 70, 1487 (2005)
1410. Janković B., Adnađević B., Jovanović J., Non-isothermal kinetics of dehydration of equilibrium swollen poly(acrylic acid) hydrogel, *Therm. Anal. Calorim.*, 82, 7 (2005)
1411. Radić-Perić J., Dasić A., Thermodynamic study of decomposition of dichlorodifluoromethane in thermal plasma, *Therm. Anal. Calorim.*, 79, 59 (2005)
1412. Čučulović A., Veselinović D., Miljanić Š. S., Extraction of ^{137}Cs from lichen *Cetraria islandica* with acidic solution, *Central European Journal of Occupational and Environmental Medicine*, 11, 289 (2005)
1413. Marković R., Baranac M., Juranić N., Macura S., Cekić I., Minić D., H-1 NMR dynamic study of thermal Z/E isomerization of 5-substituted 2-alkylidene-4-oxothiazolidine derivatives: Barriers to rotation about C=C bond, *J. Mol. Struct.*, 800, 85 (2006)
1414. Vuković Z., Milutonović A., Rozić L., Rosić A., Nedić Z., Jovanović D., The influence of acid treatment on the composition of bentonite, *Clay and Clay Miner.*, 54, 697 (2006)
1415. Ćirić-Marjanović G., Trchova M., Matejka P., Holler P., Marjanović B., Juranić I., Electrochemical oxidative polymerization of sodium 4-amino-3-hydroxynaphthalene-1-sulfonate and structural characterization of polymeric products, *React. Funct. Polym.*, 66, 1670 (2006)
1416. Perić M., Jerosimić S., Ranković R., Krmar M., Radić-Perić J., An ab initio model for handling the Renner-Teller effect in tetra-atomic molecules. I. Introduction of coordinates and the Hamiltonian, *Chem. Phys.*, 330, 60 (2006)

1417. Perić M., An ab initio model for handling the Renner-Teller effect in tetra-atomic molecules. II. Study of the crossing of potential surfaces, *Chem. Phys.*, 330, 73 (2006)
1418. Nikolić R., Zec S., Maksimović V., Mentus S., Physico-chemical characterization of thermal decomposition course in zinc nitrate-copper nitrate hexahydrates, *Therm. Anal. Calorim.*, 86, 423 (2006)
1419. Maksimović V., Mojović M., Vučinić Z., Monosaccharide-H₂O₂ reactions as a source of glycolate and their stimulation by hydroxyl radicals, *Carbohydr. Res.*, 341, 2360 (2006)
1420. Uskoković-Marković S., Todorović M., Mioč U. B., Antunović-Holclajtner I., Andrić V., EDXRF spectrometry determination of tungsten in tobacco plants after antiviral treatment with 12-tungstophosphoric acid and its compounds, *Talanta*, 70, 301 (2006)
1421. Schmitz G., Kolar-Anić L., Anić S., Grozdić T., Vukojević V., Complex and chaotic oscillations in a model for the catalytic hydrogen peroxide decomposition under open reactor conditions, *J. Phys. Chem. A*, 110, 10361 (2006)
1422. Giese K., Petković M., Naundorf H., Kuhn O., Multidimensional quantum dynamics and infrared spectroscopy of hydrogen bonds, *Phys. Rep.*, 430, 211 (2006)
1423. Kalezić-Glišović A., Novaković L., Maričić A., Minić D., Mitrović N., Investigation of structural relaxation, crystallization process and magnetic properties of the Fe-Ni-Si-B-C amorphous alloy, *Mat. Sci. Eng. B – Solid*, 131, 45 (2006)
1424. Kaninski M. P. M., Stojić D. L., Šaponjić D. P., Potkonjak N. I., Miljanić S. S., Comparison of different electrode materials - Energy requirements in the electrolytic hydrogen evolution process, *J. Power Sources*, 157, 758 (2006)
1425. Kuntić V., Stanojević M., Holclajtner-Antunović I., Uskoković-Marković S., Mioč U., Todorović M., Jovanović T., Vukojević V., Synthesis, characterization, and biological activity of amino acid derivatives of the heteropolytungstophosphoric acid, *Monatsh. Chem.*, 137, 803 (2006)
1426. Stanisavljev D. R., Đordjević A. R., Likar-Smiljanić V. D., Microwaves and coherence in the Bray-Liebhafsky oscillatory reaction, *Chem. Phys. Lett.*, 423, 59 (2006)
1427. Trchova M., Sedenkova I., Konyushenko E. N., Stejskal J., Holler P., Ćirić-Marjanović G., Evolution of polyaniline nanotubes: The oxidation of aniline in water, *J. Phys. Chem. B*, 110, 9461 (2006)
1428. Pejić N., Kolar-Anić L., Anić S., Stanisavljev D., Determination of paracetamol in pure and pharmaceutical dosage forms by pulse perturbation technique, *J. Pharmaceut. Biomed*, 41, 610 (2006)
1429. Dragović S., Janković L., Onjia A., Bačić G., Distribution of primordial radionuclides in surface soils from Serbia and Montenegro, *Radiat. Meas.*, 41, 611 (2006)
1430. Radotić K., Kalauzi A., Đikanović D., Jeremić M., Leblanc R. M., Cerović Z. G., Component analysis of the fluorescence spectra of a lignin model compound, *J. Photoch. Photobio. B*, 83, 1 (2006)

1431. Stojković I., Hosseinmardi A., Jugović D., Mitrić M., Cvjetičanin N., Rapid synthesis of $\text{LiCr}_{0.15}\text{Mn}_{1.85}\text{O}_4$ by glycine-nitrate method, *Solid State Ionics*, 177, 847 (2006)
1432. Etinski M., Uiberacker C., Jakubetz W., Counterdiabatic suppression of background state population in resonance leaking by controlling intermediate branching, *J. Chem. Phys.*, 124, 124110 (2006)
1433. Bošković I., Mentus S. V., Pjescić M., Electrochemical behavior of an Ag/TiO_2 composite surfaces, *Electrochim. Acta*, 51, 2793 (2006)
1434. Marković R. Pergal M. M., Baranac M., Stanisavljev D., Stojanović M., An expedient solvent-free synthesis of (Z)-2-alkylidene-4-oxothiazolidine derivatives under microwave irradiation, *Arkivoc*, Part 2, 83 (2006)
1435. Ćirić-Marjanović G., Trchova M., Stejskal J., MNDO-PM3 study of the early stages of the chemical oxidative polymerization of aniline, *Collect. Czech. Chem. Commun.*, 71, 1407 (2006)
1436. Mojović M., Spasojević I., Spasić M., Bačić G., Fenton reaction produces hydrogen radical (center dot H) in chemical and biological systems, *Free Radical Res.*, 40, 572 (2006)
1437. Spasojević I., Mojović M., Stević Z., Batas V., Bačić G., Spasić M., Capacity of cerebrospinal fluid to transform hydrogen peroxide-relation to neurodegenerative changes in ALS, *Free Radical Res.*, 40, 590 (2006)
1438. Čučulović A., Veselinović D., Miljanić S. S., Extraction of Cs-137 from *Cetraria islandica* lichen with water, *J. Serb. Chem. Soc.*, 71, 565 (2006)
1439. Kolar-Anić L., Blagojević S., Pejić N., Begović N., Blagojević S., Anić S., New evidence of transient complex oscillations in a closed, well-stirred Belousov-Zhabotinsky system, *J. Serb. Chem. Soc.*, 71, 603 (2006)
1440. Perić M., Gutman I., Radić-Perić J., The Huckel total pi-electron energy puzzle, *J. Serb. Chem. Soc.*, 71, 771 (2006)
1441. Petrović S. M., Adnađević B., Perusko D., Popović N., Bundaleski N., Radović M., Gaković B., Rakočević Z., Structure and morphology of nano-sized W-Ti/Si thin films, *J. Serb. Chem. Soc.*, 71, 969 (2006)
1442. Rac V., Rakić V., Gajinov S., Dondur V., Auroux A., Room-temperature interaction of n-hexane with ZSM-5 zeolites - Microcalorimetric and temperature-programmed desorption studies, *Therm. Anal. Calorim.*, 84, 239 (2006)
1443. Marković S., Dondur V., Dimitrijević R., Macura S., Thermally induced rings formation in aluminosilicate structures, *Therm. Anal. Calorim.*, 84, 253 (2006)
1444. Dondur V., Radić N., Grbić B., Drofenik M., A study of water influence on carbon monoxide adsorption and oxidation on nanocrystals of: $\gamma\text{-Fe}_2\text{O}_3$, $\text{Au}/\text{Fe}_2\text{O}_3$ and $\text{MnZn}_{1-x}\text{Fe}_x\text{O}_4$, *Mat. Sci. Forum.*, 518, 85 (2006)

1445. Gaković B., Pongrac I., Petrović S., Minić D., Trtica M., Nano-second surface modification of titanium nitride thin film by Nd: YAG and TEA CO₂ lasers, *Mat. Sci. Forum.*, 518, 161 (2006)
1446. Jovanović V., Dondur V., Damjanović L., Zakrzewska J., Tomasević-Canović M., Improved materials for environmental application: Surfactant-modified zeolites, *Mat. Sci. Forum.*, 518, 223 (2006)
1447. Marković S., Mitrić M., Cvjetičanin N., Uskoković D., Structural and dielectric properties of BaTi_{1-x}Sn_xO₃ ceramics, *Mat. Sci. Forum.*, 518, 241 (2006)
1448. Mentus S., Krstić I., Tesić Z., Montone A., Electrochemical behaviour of a composite Rh/TiO₂ layer formed potentiodynamically on titanium surface, *Mat. Sci. Forum.*, 518, 265 (2006)
1449. Potkonjak N., Kolar-Anić L., Potkonjak T., Blagojević S. N., Anić S., Oscillatory phenomena during anodic copper electrodisolution in trifluoroacetic acid solution, *Mat. Sci. Forum.*, 518, 301 (2006)
1450. Radić-Perić J., Thermodynamic modelling of boron nitride formation in thermal plasma, *Mat. Sci. Forum.*, 518, 349 (2006)
1451. Ćirić-Marjanović G., Marjanović B., Juranić I., Holler P., Stejskal J., Trchova M., Chemical oxidative polymerization of 4-amino-3-hydroxynaphthalene-1-sulfonic acid and its salts, *Mat. Sci. Forum.*, 518, 405 (2006)
1452. Minić D. M., Synthesis, characterization and stability of amorphous alloys, *Sci. Sinter.*, 38, 83 (2006)
1453. Dondur V., Rakić V., Damjanović L., Hercigonja R., Auroux A., Temperature-programmed desorption of n-hexane from hydrated HZSM-5 and NH(4)ZSM-5 zeolites, *Therm. Anal. Calorim.*, 84, 233 (2006)
1454. Maravić D. S., Trtica M. S., Miljanić Š. S., Radak B. B., Detection of malathion by the CO₂-laser: Possibilities and limitations, *Anal. Chim. Acta.*, 555, 259 (2006)
1455. Zarić S. D., Milčić M., Stević M., Holclajtner-Antunović I., Hall M. B., Hall F., Calculations on Polyoxometalate Anion, *Lecture Series on Computer and Computational Sciences*, 6, 1 (2006)
1456. Obradović N., Labus N., Srečković T., Minić D., The Influence of Milling Conditions on Mechanochemical Synthesis and Sintering of Zinc Titanate, *Nanosystems, Nanomaterials, Nanotechnologies*, 4, 461 (2006)
1457. Adnađević B., Jovanović J., Drakulić B., Isothermal kinetics of (E)-4-(4-metoxypheyl)-4-oxo-2-butenic acid release from poly(acrylic acid) hydrogel, *Thermochim. Acta*, 466, 38 (2007)
1458. Cvjetičanin N., Stojković I., Mitrić M., Mentus S., Cyclic voltammetry of LiCr_{0.15}Mn_{1.85}O₄ in an aqueous LiNO₃ solution, *J. Power. Sources*, 174, 1117 (2007)
1459. Janković B., Isothermal reduction kinetics of nickel oxide using hydrogen: Conventional and Weibull kinetic analysis, *J. Phys. Chem. Solids*, 68, 2233 (2007)

1460. Marković J. M. D., Marković Z. S., Baranac J. M., Dašić M. L., Delphinidin-aluminum(III) complexes in aqueous and non-aqueous media: Spectroscopic characterization and theoretical study, *Monatsh. Chem.*, 138, 1225 (2007)
1461. Kremenović A., Antić B., Nikolić A. S., Blanuša J., Jancar B., Meden A., Mentus S., The dependence of cation distribution, microstrain and magnetic susceptibility on particle size in nanocrystalline Gd_2O_3/Y_2O_3 , *Scripta Mater*, 57, 1061 (2007)
1462. Pejić N., Blagojević S., Anić S., Kolar-Anić L., Determination of ascorbic acid in pharmaceutical dosage forms and urine by means of an oscillatory reaction system using the pulse perturbation technique, *Anal. Bioanal. Chem.*, 389, 2009 (2007)
1463. Nikolić V. M., Krklješ A., Popović Z. K., Lausević Z. V., Miljanić S. S., On the use of gamma irradiation crosslinked PVA membranes in hydrogen fuel cells, *Electrochem. Commun.*, 9, 2661 (2007)
1464. Mentus S., Jelić D., Grudić V., Lanthanum nitrate decomposition by both temperature programmed heating and citrate gel combustion - Comparative study, *Therm. Anal. Calorim.*, 90, 393 (2007)
1465. Blanuša J., Antić B., Kremenović A., Nikolić A. S., Mazzerolles L., Mentus S., Spasojević V., Particle size effect on Neel temperature in Er_2O_3 nanopowder synthesized by thermolysis of 2, 4-pentadione complex, *Solid State Communications*, 144, 310 (2007)
1466. Pejić N., Blagojević S., Vukelić J., Kolar-Anić L., Anić S., Analyte pulse perturbation technique for the determination of 6-Monoacetylmorphine in seized street drug samples, *B. Chem. Soc. Jpn.*, 80, 1942 (2007)
1467. Adnađević B., Mojović Z., Rabi A. A., Jovanović J., Isoconversional kinetic analysis of isothermal selective ethanol adsorption on zeolite type NaZSM-5, *Chem. Eng. Technol.*, 30, 1228 (2007)
1468. Antić-Jovanović A., Kuzmanović M., Bojović V., Khakoo M. A., Laher R. R., Franck-condon factors and r-centroids for the $A(1) \Sigma_u^+ - X^{-1}\Sigma_g^+$ band system of Ag-107,109(2): Comparison of the observed and calculated absorption band strengths, *Chinese. Phys. Lett.*, 24, 2566 (2007)
1469. Mijanić S. S., Maksić A. D., Potkonjak N. I., Kaninski M. P. M., Electrolytic D/H isotope separation efficiency and electrocatalytic activity of Mo-Pt intermetallic phases, *Electrochem. Commun.*, 9, 2179 (2007)
1470. Popović-Bijelić A., Bijelić G., Kolar-Anić L., Vukojević V., Temperature dependence of oxygen evolution through catalase-like activity of horseradish peroxidase, *Russ. J. Phys. Chem. A*, 81, 1371 (2007)
1471. Kostić A., Jovanović J., Adnađević B., Popović A., Kinetics of Cu^{2+} binding to the poly(acrylic acid) hydrogel, *Russ. J. Phys. Chem. A*, 81, 1374 (2007)

1472. Schmitz G., Kolar-Anić L., The state space of a model for the Bray-Liebafsky oscillating reaction, *Russ. J. Phys. Chem. A*, 81, 1380 (2007)
1473. Ranković D., Arsenijević Z., Radić N., Grbić B., Grbavčić Z., Removal of volatile organic compounds from activated carbon by thermal Desorption and catalytic combustion, *Russ. J. Phys. Chem. A*, 81, 1388 (2007)
1474. Loncarević D., Krstić J., Banković P., Anić S., Čupić Z., Temperature dependence of catalytic cyclohexane partial oxidation in a polytetrafluoroethylene reactor, *Russ. J. Phys. Chem. A*, 81, 1398 (2007)
1475. Nedić B., Dondur V., Kremenović A., Dimitrijević R., Antić B., Blanuša J., Vasiljević-Radović D., Stojković M., Yb^{3+} doped dyphillosilicates prepared by thermally induced phase transformation of zeolites, *Russ. J. Phys. Chem. A*, 81, 1413 (2007)
1476. Ćirić-Marjanović G., Janošević A., Marjanović B., Trchova M., Stejskal J., Holler P., Chemical oxidative polymerization of dianilinium 5-sulfosalicylate, *Russ. J. Phys. Chem. A*, 81, 1418 (2007)
1477. Đikanović D., Kalauzi A., Radotić K., Lapierre C., Jeremić M., Deconvolution of lignin fluorescence spectra: A contribution to the comparative structural studies of lignins, *Russ. J. Phys. Chem. A*, 81, 1425 (2007)
1478. Kuzmanović M., Khakoo M. A., Bojović V., Antić-Jovanović A., Franck-Condon factors and r-centroids for the $E^{-1}\Pi_u - X^{-1}\Sigma_g^{+}$ system of Ag-2, *Russ. J. Phys. Chem. A*, 81, 1438 (2007)
1479. Mojović Z., Mentus S., Krstić I., Thin layer of Ni-modified 13X zeolite on glassy carbon support as an electrode material in aqueous solutions, *Russ. J. Phys. Chem. A*, 81, 1452 (2007)
1480. Minić D. M., Cekić I., Pastor F. T., Jovanović V., Marković R., Electrochemical behavior of 5-substituted 2-alkylidene-4-oxothiazolidine derivatives studied by cyclic voltammetry, *Russ. J. Phys. Chem. A*, 81, 1458 (2007)
1481. Marković D. M., Novović I., Vilotić D., Ignjatović L., Determination of Fe, Hg, Mn, and Pb in tree-rings of poplar (*Populus alba* L.) by U-shaped DC arc, *Russ. J. Phys. Chem. A*, 81, 1493 (2007)
1482. Ivetić T., Nikolić M. V., Slankamenac M., Zivanov M., Minić D., Nikolić P. M., Ristić M., Influence of Bi_2O_3 on microstructure and electrical properties of ZnO-SnO_2 ceramics, *Sci. Sinter.*, 39, 229 (2007)
1483. Ninić M., Bošković S., Nenadović M., Zec S., Voisavjević K., Minić D., Matović B., Cerium oxide based nanometric powders: Synthesis and characterization, *Sci. Sinter.*, 39, 301 (2007)
1484. Kasalica B., Belča I., Stojadinović S., Sarvan M., Perić M., Zeković L., Nature of galvanoluminescence of oxide films formed by aluminum anodization in inorganic electrolytes, *J. Phys. Chem. C*, 111, 12315 (2007)
1485. Stanisavljev D. R., Dramićanin M. D., Excessive excitation of hydrogen peroxide during oscillatory chemical evolution, *J. Chem. Phys. A*, 111, 7703 (2007)

1486. Miladinović Z., Zakrzewska J., Kovačević B., Bačić G., Monitoring of crystallization processes during synthesis of zeolite A by in situ (27)A1 NMR spectroscopy, *Mater. Chem. Phys.*, 104, 384 (2007)
1487. Janković B., Adnađević B., The use of the IKP method for evaluating the kinetic parameters and the conversion function of the thermal decomposition of NaHCO_3 from nonisothermal thermogravimetric data, *Int. J. Chem. Kinet.*, 39, 462 (2007)
1488. Ristić M., Poparić G. B., Belić D. S., Rate coefficients for resonant vibrational excitation of CO, *Chem. Phys.*, 336, 58 (2007)
1489. Dragović S., Onjia A., Dragović R., Bačić G., Implementation of neural networks for classification of moss and lichen samples on the basis of gamma-ray spectrometric analysis, *Environ. Monit. Assess.*, 130, 245 (2007)
1490. Daković A., Matijasević S., Rottinghaus G. E., Dondur V., Pietrass T., Clewett C. F. M., Adsorption of zearalenone by organomodified natural zeolitic tuff, *J. Colloid. Interf. Sci.*, 311, 8 (2007)
1491. Adnađević B., Janković B., Kolar-Anić L., Minić D., Normalized Weibull distribution function for modelling the kinetics of non-isothermal dehydration of equilibrium swollen poly(acrylic acid) hydrogel, *Chem. Eng. J.*, 130, 11 (2007)
1492. Jovanović J., Adnađević B., Comparison of the kinetics of conventional and microwave methyl methacrylate polymerization, *J. Appl. Polym. Sci.*, 104, 1775 (2007)
1493. Stanisavljev D. R., Grozdić T. D., Kaninski M. P. M., Đorđević A. R., Stojić D. L., The microwave influence on the electrolytic decomposition of KOH water solution, *Electrochem. Commun.*, 9, 901 (2007)
1494. Radulović A. M., Dimitrijević R. Z., Vulić P., Dondur V. T., Influence the of Na-LTA synthesis route on low-carnegieite crystallization and stability, *Hem. Ind.*, 61, 117 (2007)
1495. Stosić D. K., Dondur V. T., Rac V. A., Rakić V. M., Zakrzewska J. S., Adsorption of nicotine on different zeolite types, from aqueous solutions, *Hem. Ind.*, 61, 123 (2007)
1496. Kalauzi A., Mutavdžić D., Đikanović D., Radotić K., Jeremić M., Application of asymmetric model in analysis of fluorescence spectra of biologically important molecules, *J. Fluoresc.*, 17, 319 (2007)
1497. Janković B., Adnađević B., Mentus S., The kinetic analysis of non-isothermal nickel oxide reduction in hydrogen atmosphere using the invariant kinetic parameters method, *Thermochim. Acta*, 456, 48 (2007)
1498. Ristić G. S., Trtica M. S., Bogdanov Z. D., Romčević N. Z., Miljanić S. S., Diamond coating deposition by synergy of thermal and laser methods – A problem revisited, *Appl. Surf. Sci.*, 253, 5233 (2007)

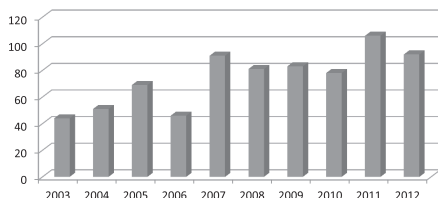
1499. Jerosimić S. V., Calculation of the magnetic hyperfine structure in the ground electronic state of HCCO, *J. Mol. Spectr.*, 242, 139 (2007)
1500. Kaninski M. P. M., Nikolić V. M., Potkonjak T. N., Simonović B. R., Potkonjak N. I., Catalytic activity of Pt-based intermetallics for the hydrogen production - Influence of ionic activator, *Appl. Catal. A – Gen.*, 321, 93 (2007)
1501. Jugović D., Cvjetičanin N., Kusigerski V., Mitrić M., Miljković M., Makovec D., Uskoković D., Structural and magnetic characterization of $\text{LiMn}_{1.825}\text{Cr}_{0.175}\text{O}_4$ spinel obtained by ultrasonic spray pyrolysis, *Mater. Res. Bull.*, 42, 515 (2007)
1502. Jasin D., Abu-Rabi A., Mentus S., Jovanović D., Oxygen reduction reaction on spontaneously and potentiodynamically formed Au/TiO₂ composite surfaces, *Electrochim. Acta*, 52, 4581 (2007)
1503. Blinova N. V., Stejskal J., Trchova M., Ćirić-Marjanović G., Sapurina I., Polymerization of aniline on polyaniline membranes, *J. Phys. Chem. B*, 111, 2440 (2007)
1504. Minić D. M., Maričić A. M., Dimitrijević R. Z., Ristić M. M., Structural changes of Co₇₀Fe₅Si₁₀B₁₅ amorphous alloy induced during heating, *J. Alloy. Compd.*, 430, 241 (2007)
1505. Ćirić-Marjanović G., Blinova N. V., Trchova M., Stejskal J., Chemical oxidative polymerization of safranines, *J. Phys. Chem. B*, 111, 2188 (2007)
1506. Đikanović D., Kalauzi A., Jeremić M., Micić M., Radotić K., Deconvolution of fluorescence spectra: Contribution to the structural analysis of complex molecules, *Colloid Surface B*, 54, 188 (2007)
1507. Abu-Rabi A., Jašin D., Mentus S., The influence of cathodic pretreatment on the kinetics of hydroxide ion oxidation on polycrystalline gold electrode, *J. Electroanal. Chem.*, 600, 364 (2007)
1508. Živić M., Zakrzewska J., Živić M., Bačić G., P-31 NMR study of polyphosphate levels during different growth phases of *Phycomyces blakesleeana*, *Anton. Leeuw. Int. J. G.*, 91, 169 (2007)
1509. Pejić N. D., Blagojević S. M., Anić S. R., Vukojević V. B., Mijatović M. D., Ćirić J. S., Marković Z. S., Marković S. D., Kolar-Anić L. Z., Kinetic determination of morphine by means of Bray-Liebhaufsky oscillatory reaction system using analyte pulse perturbation technique, *Anal. Chim. Acta.*, 582, 367 (2007)
1510. Janković B., Adnađević B., Jovanović J., Application of model-fitting and model-free kinetics to the study of non-isothermal dehydration of equilibrium swollen poly (acrylic acid) hydrogel: Thermogravimetric analysis, *Thermochim. Acta*, 452, 106 (2007)
1511. Ristić M., Poparić G. B., Belić D. S., Rate coefficients for resonant vibrational excitation of N-2, *Chem. Phys.*, 331, 410 (2007)
1512. Petković M., Infrared spectroscopy of ClONO₂ and BrONO₂ investigated by means of anharmonic force fields, *Chem. Phys.*, 331, 438 (2007)
1513. Kukavica B., Mitrović A., Mojović M., Veljović-Jovanović S., Effect of indole-3-acetic acid on pea root growth, peroxidase profiles and hydroxyl radical formation, *Arch. Biol. Sci.*, 59, 319 (2007)

1514. Ignjatović L. M., Barek J., Zima J., Marković D. A., Polarographic behavior and determination of 1,1-dimethyl-3-phenyltriazene, *Collect. Czech. Chem. C.*, 72, 1229 (2007)
1515. Stojiljković M. M., Pavlović M., Savović J., Kuzmanović M., Emission intensity enhancement of DC arc plasma induced by external oscillating magnetic field, *Contrib. Plasm. Phys.*, 47, 670 (2007)
1516. Kremenović A., Poleti D., Ghermani N. E., Karanović L., Mioč U. B., Nedić Z., Spasojević-de Bire A., Synthesis and crystal structure of hexaaquamagnesium hydrogen phosphododecatungstate tetrahydrate $[\text{Mg}(\text{H}_2\text{O})(6)][\text{HPW}_{12}\text{O}_{40}]\text{center dot } 4\text{H}_2\text{O}$, *Cryst. Res. Technol.*, 42, 98 (2007)
1517. Marković S., Mitrić M., Cvjetičanin N., Uskoković D., Preparation and properties of $\text{BaTi}_{1-x}\text{Sn}_x\text{O}_3$ multilayered ceramics, *J. Eur. Ceram. Soc.*, 27, 505 (2007)
1518. Bogdanović G. A., Bošnjaković-Pavlović N., Spasojević-De Bire A., Ghermani N. E., Mioč U., Low temperature crystal structure, experimental atomic charges and electrostatic potential of ammonium decavanadate hexahydrate $(\text{NH}_4)_4\text{V}_{10}\text{O}_{28} \cdot 6\text{H}_2\text{O}$, *J. Serb. Chem. Soc.*, 72, 545 (2007)
1519. Joksić J. D., Radenković M. B., Miljanić S. S., Natural radioactivity of some spring and bottled mineral waters from several central Balkan sites, as a way of their characterization, *J. Serb. Chem. Soc.*, 72, 621 (2007)
1520. Čučulović A., Veselinović D., Miljanić S. S., Extraction of (CS)-C-137 from *Cetraria islandica* lichen using acid solutions, *J. Serb. Chem. Soc.*, 72, 673 (2007)
1521. Pavun L., Malešev D., Veselinović D., Spectrophotometric investigation of the uranyl-phenylephrine system, *J. Serb. Chem. Soc.*, 72, 799 (2007)
1522. Vukić M. R., Veselinović D. S., Marković V. G., Crystalline forms of silver iodide II. Determination of phase transformations, *J. Serb. Chem. Soc.*, 72, 857 (2007)
1523. Kostić A., Adnađević B., Popović A., Jovanović J., Comparison of the swelling kinetics of a partially neutralized poly(acrylic acid) hydrogel in distilled water and physiological solution, *J. Serb. Chem. Soc.*, 72, 1139 (2007)
1524. Mraković A., Drvendžija M., Samolov A., Petković M., Perić M., Are the program packages for molecular structure calculations really black boxes?, *J. Serb. Chem. Soc.*, 72, 1329 (2007)
1525. Dimitrijević R., Dondur V., Thermally induced conversion of Mg^{2+} cation exchanged LTA, FAU, GIS and SOD zeolites: syntheses and characterization of gamma-cordierite, a new $\text{Mg}_2\text{Al}_4\text{Si}_5\text{O}_{18}$ polymorph, *J. Serb. Chem. Soc.*, 72, 1351 (2007)
1526. Mentus S. V., Bošković I., Pjesić J. M., Grudić V., Bogdanov Z., Tailoring the morphology and electrocatalytic properties of electrochemically formed Ag/TiO_2 composite deposits on titanium surfaces, *J. Serb. Chem. Soc.*, 72, 1403 (2007)
1527. Jelikić-Stankov M., Uskoković-Marković S., Holclajtner-Antunović I., Todorović M., Đurđević P., Compounds of Mo, V and W in biochemistry and their biomedical activity, *J. Trace. Elem. Med. Bio.*, 21, 8 (2007)

1528. Jovanović J., Adnađević B., Influence of poly(acrylic acid) xerogel structure on swelling kinetics in distilled water, *Polym. Bull.*, 58, 243 (2007)
1529. Radić-Perić J., Formation of gas phase boron and. carbon-containing molecular species at high temperatures, *Mat. Sci. Forum*, 555, 171 (2007)
1530. Milojević M., Dondur V., Damjanović L., Rakić V., Rajić N., Ristić A., The activity of iron-containing zeolitic materials for the catalytic oxidation in aqueous solutions, *Mat. Sci. Forum*, 555, 213 (2007)
1531. Nedić B., Dondur V., Kremenović A., Dimitrijević R., Structural investigation of Ba^{2+} and Sr^{2+} diphylosilicates doped with Yb^{3+} ions, *Mat. Sci. Forum*, 555, 219 (2007)
1532. Anić S., Kostić M., Ninić M., Blagojević S., Kolar-Anić L., Activation energies as the validity criterion of a model for complex reactions that can be in oscillatory states, *Sci. Sinter.*, 39, 77 (2007)
1533. Todorović M., Holclajtner-Antunović I., Mioč U., Bajuk-Bogdanović D., Characteriyation of Insoluble Monovalent K^* , Ti^* and Ag^* Salts of 12-Tungstophosphoric Acid, *Mat. Sci. Forum*, 555, 207 (2007)
1534. Bogdanović G.A., Bošnjaković-Pavlović N., Spasojević-de Bire A., Ghermani N.E., Mioč U., Low temperature crzstal structure, experimental atomic charges and electrostatic potential of ammonium decavanadate hexahzdrate $(\text{NH}_4)_4\text{V}_{10}\text{O}_{28} \times 6\text{H}_2\text{O}$, *J. Serb. Chem. Soc.*, 72, 545 (2007)
1535. Uskoković –Marković S., Colomban Ph., Mioč U.B., Todorović M. R., Investigation of Interaction of $(\text{PO}_4)/(\text{WO}_6)_3$ -attice Components of Keggin`s Anion with Cations in Alkali-eart Salts of 12-Tungstophosphoric Acid, *Mat. Sci. Forum*, 555, 201 (2007)
1536. Miljanić Š. S., Maksić A. D., Potkonjak N. I., Marčeta Kaninski M. P., Electrolytic D/H isotope separation efficiency and electrocatalytic activity of Mo-Pt intermetallic phases, *Electrochem. Commun.*, 9, 2179 (2007)
1537. Petrović S., Gaković B., Peruško D., Trtica M., Radak B., Panjan P., Miljanić Š., Surface modification of a WTi thin film on Si substrate by nanosecond laser pulses, *Appl. Surf. Sci.*, 254, 4013 (2007)
1538. Laversenne L., Miljanić Š., Miele P., Goutaudier C., Bonnetot B., High surface and high nanoporosity Boron Nitride adapted to hydrogen sequestration, *Mater. Sci. Forum*, 555, 355 (2007)
1539. Dimitrić Marković J. M., Flavonoids, the role and the importance in modern investigations, *Acta Agriculturae Serbica*, 12, 25 (2007)

Broj radova u periodu 2003–2012.

Broj radova WEB Sci.



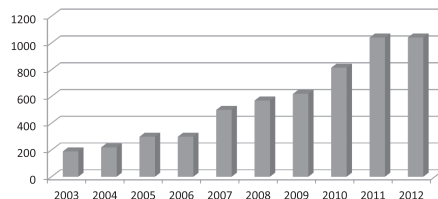
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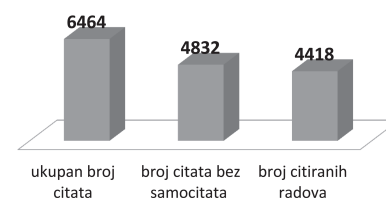
2008–2013.

1540. Novaković T., Radić N., Grbić B., Dondur V., Mitrić M., Randelović D., Stoychev D., Stefanov P., The thermal stability of porous alumina/stainless steel catalyst support obtained by spray pyrolysis, *Appl. Surf. Sci.*, 255, 3049 (2008)
1541. Todorović-Marković B., Jovanović S., Jokanović V., Nedić Z., Dramicanin M., Marković Z., Atomic force microscopy study of fullerene-based colloids, *Appl. Surf. Sci.*, 255, 3283 (2008)
1542. Schmitz G., Kolar-Anić L. Z., Anić S. R., Čupić Z. D., Stoichiometric Network Analysis and Associated Dimensionless Kinetic Equations. Application to a Model of the Bray-Liebhafsky Reaction, *J. Phys. Chem. A*, 112, 13452 (2008)
1543. Seidl M., Etinski M., Uiberacker C., Jakubetz W., Pulse-train control of branching processes: Elimination of background and intruder state population, *J. Chem. Phys.*, 129, 234305 (2008)
1544. Poparić G. B., Ristić M., Belić D. S., Resonant Vibrational Excitation and De-Excitation of CO(μ) by Low Energy Electrons, *J. Phys. Chem. A*, 112, 12296 (2008)
1545. Rogers E. I., Šljukić B., Hardacre C., Compton R. G., Electrochemical Determination of Manganese Solubility in Mercury via Amalgamation and Stripping in the Room Temperature Ionic Liquid n-Hexyltriethylammonium Bis(trifluoromethanesulfonyl) imide, [N-6,N-2,N-2,N-2][NTf₂], *Electroanal.*, 20, 2603 (2008)
1546. Todorović S., Giba Z., Bačić G., Nikolić M., Grubišić D., High seed Mn content does not affect germination of in vitro produced Centaurea pulchellum seeds, *Environ. Exp. Bot.*, 64, 322 (2008)
1547. Savović J. J., Kuzmanović M. M., Pavlović M. S., Stojiljković M., Momčilović M. D., A spectroscopic investigation of stabilized dc argon arc at atmospheric pressure by power modulation technique, *Eur. Phys. J. D*, 50, 289 (2008)
1548. Jokanović V., Nedić Z., Colović B., Modelling and experimental investigations of thin films of Mg phosphorus-doped tungsten bronzes obtained by ultrasonic spray pyrolysis, *J. Microsc.*, 232, 623 (2008)
1549. Adnađević B., Janković B., Dispersive kinetic model for the non-isothermal reduction of nickel oxide by hydrogen, *Physica B*, 403, 4132 (2008)
1550. Mentus S., Tomić-Tucaković B., Majstorović D., Dimitrijević R., Gel-combustion synthesis of NiO-MoO₃ mixtures and their reduction to Ni-Mo alloys, *Mater. Chem. Phys.*, 112, 254 (2008)
1551. Dondur V., Dimitrijević R., Kremenović A., Damjanović L., Romčević N., Macura S., The lithium- and sodium-enhanced transformation of Ba-exchanged zeolite LTA into celsian phase, *J. Phys. Chem. Solids*, 69, 2827 (2008)
1552. Janković B., Mentus S., Model-fitting and model-free analysis of palladium acetylacetonate [Pd(acac)(2)], *Therm. Anal. Calorim.*, 94, 395 (2008)

1553. Jerosimić S., Perić M., An ab initio calculation of the vibronic energy levels of the $X^2\Pi$ and $1^2\Delta$ electronic states of C_2P , *J. Chem. Phys.*, 129, 144305 (2008)
1554. Holdajtner-Antunović I., Bajuk-Bogdanović D., Todorović M., Mioč U. B., Zakrzewska J., Uskoković-Marković S., Spectroscopic study of stability and molecular species of 12-tungstophosphoric acid in aqueous solution, *Can. J. Chem.*, 86, 996 (2008)
1555. Kaninski M. P. M., Nikolić V. M., Maksić A. D., Tasić G. S., Miljanić S. S., Electrochemical H/D isotope effects in PEM fuel cell, *Electrochem. Commun.*, 10, 1463 (2008)
1556. Marković D. M., Marković D. A., Jovanović A., Lazić L., Mijić Z., Determination of O_3 , NO_2 , SO_2 , CO and PM_{10} measured in Belgrade urban area, *Environ. Monit. Assess.*, 145, 349 (2008)
1557. Ćirić-Marjanović G., Trchova M., Stejskal J., The chemical oxidative polymerization of aniline in water: Raman spectroscopy, *J. Raman Spectrosc.*, 39, 1375 (2008)
1558. Daković M., Kovačević M., Andus P. R., Bačić G., On the mechanism of uranium binding to cell wall of *Chara fragilis*, *Eur. Biophys. J. Biophys.*, 37, 1111 (2008)
1559. Bogdanović J., Mojović M., Milosavić N., Mitrović A., Vučinić Z., Spasojević I., Role of fructose in the adaptation of plants to cold-induced oxidative stress, *Eur. Biophys. J. Biophys.*, 37, 1241 (2008)
1560. Maričić A., Spasojević M., Arnaut S., Minić D., Ristić M. M., The Effect of Structural Changes on Magnetic Permeability of Amorphous Powder $Ni_{80}Co_{20}$, *Sci. Sinter.*, 40, 303 (2008)
1561. Minić D. M., Adnađević B., Mechanism and kinetics of crystallization of α -Fe in amorphous Fe₈₁B₁₃Si₄C₂ alloy, *Thermochim. Acta.*, 474, 41 (2008)
1562. Sređić S., Davidović M., Spasjević-de-Bire A., Mioč U. B., Todorović M., Šegan D., Jovanović D., Polizos G., Pissis P., Inorganic-inorganic nanocomposite: Surface and conductive properties, *J. Phys. Chem. Solid*, 69, 1883 (2008)
1563. Janković B., Mentus S., Janković M., A kinetic study of the thermal decomposition process of potassium metabisulfite: Estimation of distributed reactivity model, *J. Phys. Chem. Solid*, 69, 1923 (2008)
1564. Stojadinović S., Belča I., Tadić M., Kasalica B., Nedić Z., Zeković L. J., Galvanoluminescence properties of porous oxide films formed by anodization of aluminum in malonic acid, *J. Electroanal. Chem.*, 619, 125 (2008)
1565. Adnađević B., Gigov M., Sindić M., Jovanović J., Comparative study on isothermal kinetics of fullerol formation under conventional and microwave heating, *Chem. Eng. J.*, 140, 570 (2008)
1566. Ćirić-Marjanović G., Trchova M., Konyushenko E. N., Holler P., Stejskal J., Chemical oxidative polymerization of aminodiphenylamines, *J. Phys. Chem. B*, 112, 6976 (2008)

2011. Odbranjen prvi doktorat na doktorskim studijama

broj citata Web Sci. 1996-2013



1567. Janković B., Adnađević B., Jovanović J., Isothermal kinetics of dehydration of equilibrium swollen poly(acrylic acid) hydrogel, *Therm. Anal. Calorim.*, 92, 821 (2008)
1568. Jugović D., Mitrić M., Cvjetičanin N., Jancar B., Mentus S., Uskoković D., Synthesis and characterization of LiFePO_4/C composite obtained by sonochemical method, *Solid State Ionics*, 179, 415 (2008)
1569. Janković B., Kinetic analysis of the nonisothermal decomposition of potassium metabisulfite using the model-fitting and isoconversional (model-free) methods, *Chem. Eng. J.*, 139, 128 (2008)
1570. Janosević A. M., Ćirić-Marjanović G. N., Synthesis of nanostructured conducting polyaniline in the presence of 5-sulfosalicylic acid, *Hem. Ind.*, 62, 107 (2008)
1571. Stosić D., Damjanović L., Hercigonja R., Dondur V., Rac V., Rakić V., The incorporation of Me-histidine complexes in the structure of FAU-type zeolite: Characterization of the obtained materials, *Hem. Ind.*, 62, 125 (2008)
1572. Novaković T., Radić N., Grbić B., Dondur V., Mitrić M., Randjelović D., Stoychev D., Stefanov P., The therermal stability of porous alumina/stainless steel catalyst support obtained by spray pyrolysis, *Appl. Surf. Sci.*, 255, 3049 (2008)
1573. Zindović N. D., Damjanović L. S., Holclajtner-Antunović I. D., Mioč U. B., Bajuk-Bogdanović D., Investigation of medieval ceramics from Ras by physicochemical methods, *Hem. Ind.*, 62, 138 (2008)
1574. Cugalj S. S., Damjanović L. S., Holclajtner-Antunović I. D., Mioč U. B., Physicochemical investigation of medieval ceramics from excavation site Novo Brdo, *Hem. Ind.*, 62, 143 (2008)
1575. Poparić G. B., Ristić M., Belić D. S., Resonant vibrational excitation and de-excitation of $\text{N-2}(\text{upsilon})$ by low-energy electrons, *J. Phys. Chem. A*, 112, 3816 (2008)
1576. Bačić G., Spasojević I., Šecerov B., Mojović M., Spin-trapping of oxygen free radicals in chemical and biological systems: New traps, radicals and possibilities, *Spectrochim. Acta A*, 69, 1354 (2008)
1577. Petrović S., Gaković B., Peruško D., Trtica M., Radak B., Panjan P., Miljanić S., Surface modification of a WTi thin film on Si substrate by nanosecond laser pulses, *Appl. Surf. Sci.*, 254, 4013 (2008)
1578. Ranković R., Jerosimić S., Perić M., Theoretical investigation of the vibronic spectrum in the $X^2\Pi_u$ electronic state of C_6^+ , *J. Chem. Phys.*, 128, 154302 (2008)
1579. Godevac D., Vujisić L., Mojović M., Ignjatović A., Spasojević I., Vajs V., Evaluation of antioxidant capacity of *Allium ursinum* L. volatile oil and its effect on membrane fluidity, *Food Chem.*, 107, 1692 (2008)
1580. Jokanović V., Dramićanin M. D., Andrić Z., Jokanović B., Nedić Z., Spasić A. M., Luminescence properties of $\text{SiO}_2:\text{Eu}^{3+}$ nanopowders: Multi-step nano-designing, *J. Alloy Compd.*, 453, 253 (2008)

1581. Janošević A., Ćirić-Marjanović G., Marjanović B., Holler P., Trchova M., Stejskal J., Synthesis and characterization of conducting polyaniline 5-sulfosalicylate nanotubes, *Nanotechnology*, 19, 135606 (2008)
1582. Ivetić T., Vuković Z., Nikolić M. V., Pavlović V. B., Nikolić J. R., Minić D., Ristić M. M., Morphology investigation of mechanically activated ZnO-SnO₂ system, *Ceram. Int.*, 34, 639 (2008)
1583. Kuzmanović M. M., Savović J. J., Ranković D. P., Stojković M., Antić-Jovanović A., Pavlović M. S., Marinković M., A power interruption technique for investigation of temperature difference in stabilized low direct-current arc burning in pure argon on atmospheric pressure, *Chinese. Phys. Lett.*, 25, 1376 (2008)
1584. Laher R. R., Khakoo M. A., Antić-Jovanović A., Radiative transition parameters for the $A^1\Sigma^+_u-X^1\Sigma^+_g$ and system of Ag-107,109(2), *J. Mol. Spectr.*, 248, 111 (2008)
1585. Adnađević B., Jovanović J., Novel approach in investigation of the poly(acrylic acid) hydrogel swelling kinetics in water, *J. Appl. Polym. Sci.*, 107, 3579 (2008)
1586. Adnađević B., Jovanović J., Krkljuš I., Isothermal kinetics of (E)-4-(4-Metoxypheyl)-4-oxo-2-butenic acid release from a poly(acrylic acid-co-methacrylic acid) hydrogel, *J. Appl. Polym. Sci.*, 107, 2768 (2008)
1587. Kumrić K. R., Trtić-Petrović T. M., Ignjatović L. M., Čomor J. J., Indirect determination of lutetium by differential pulse anodic stripping voltammetry at a hanging mercury drop electrode, *Cent. Eur. J. Chem.*, 6, 65 (2008)
1588. Nedić B., Kremenović A., Dondur V., Dimitrijević R., Strontium deficient feldspar - structure and X-ray powder diffraction line broadening analysis, *Cryst. Res. Technol.*, 43, 266 (2008)
1589. Kusigerski V., Marković D., Spasojević V., Cvjetičanin N., Mitrić M., Jugović D., Uskoković D., Ground-state magnetism of chromium-substituted LiMn₂O₄ spinel, *J. Magn. Magn. Mater.*, 320, 943 (2008)
1590. Šećerov B., Marinović-Cincović M., Popović S., Nedić Z., Kačarević-Popović Z., Characterization of gamma irradiated ethylene-norbornene copolymer using FTIR, UV-Vis and DSC techniques, *Polym. Bull.*, 60, 313 (2008)
1591. Ćirić-Marjanović G., Konyushenko E. N., Trchova M., Stejskal J., Chemical oxidative polymerization of anilinium sulfate versus aniline: Theory and experiment, *Synthetic Met.*, 158, 200 (2008)
1592. Petrović S., Terlecki-Bariević A., Karanović L., Kirilov-Stefanov P., Zdujić M., Dondur V., Paneva D., Mitov I., Rakić V., LaMO₃ (M = Mg, Ti, Fe) perovskite type oxides: Preparation, characterization and catalytic properties in methane deep oxidation, *Appl. Catal B – Environ.*, 79, 186 (2008)
1593. Perić M., Ranković R., Jerosimić S., Renner-Teller effect in six-atomic molecules: Ab initio investigation of the vibronic spectrum of C₆, *Chem. Phys.*, 344, 35 (2008)

1594. Janković B., Adnađević B., Mentus S., The kinetic study of temperature-programmed reduction of nickel oxide in hydrogen atmosphere, *Chem. Eng. Sci.*, 63, 567 (2008)
1595. Ćirić-Marjanović G., Trchova M., Stejskal J., Theoretical study of the oxidative polymerization of aniline with peroxydisul fate: Tetramer formation, *Int. J. Quantum. Chem.*, 108, 318 (2008)
1596. Janković B., Determination of density distribution functions of the apparent activation energies for nonisothermal decomposition process of sodium bicarbonate using the Weibull probability function, *Metall. Mater. Mater. Trans. B.*, 39, 75 (2008)
1597. Nedić B., Kremenović A., Dimitrijević R., Dondur V., Crystal structures of Sr-diphyloaluminosilicates synthesized from LTA and FAU zeolites, *Solid. State Sci.*, 10, 154 (2008)
1598. Petrović S., Terlecki-Baričević A., Karanović Lj., Kirilov-Stefanov P., Zdujić M., Dondur V., Paneva D., Rakić V., LaMO_3 (M=Mg,Ti,Fe) perovskite type oxides: Preparation, Characterization and catalytic properties in methane deep oxidation, *Appl. Catal. B Envir.*, 79, 186 (2008)
1599. Perić M., Petković M., Jerosimić S., Renner-Teller effect in five-atomic molecules: Ab initio investigation of the spectrum of CS, *Chem. Phys.*, 343, 141 (2008)
1600. Ignjatović L. M., Barek J., Zima J., Stević M. C., Adsorptive stripping voltammetric determination of 1,1-dimethyl-3-phenyltriazene, *Collect. Czech. Chem. C.*, 73, 97 (2008)
1601. Rakić A., Mitrašinić P. M., On the dynamics of some small structural motifs in rRNA upon ligand binding, *J. Serb. Chem. Soc.*, 73, 41 (2008)
1602. Bajuk-Bogdanović D., Holclajtner-Antunović I., Todorović M., Mioč U. B., Zakrzewska J., A study of 12-tungstosilicic and 12-molybdophosphoric acids in solution, *J. Serb. Chem. Soc.*, 73, 197 (2008)
1603. Čučulović A. A., Pavlović M. S., Veselinović D. S., Miljanić S. S., Metal extraction from *Cetraria islandica* (L.) Ach. lichen using low pH solutions, *J. Serb. Chem. Soc.*, 73, 405 (2008)
1604. Stevanović S., Tripković D., Kowal A., Minić D., Jovanović V. M., Tripković A., Influence of surface morphology on methanol oxidation at a glassy carbon-supported Pt catalyst, *J. Serb. Chem. Soc.*, 73, 845 (2008)
1605. Obradović M. V., Sunarić S. M., Mitić S. S., Veselinović D. S., Conductometric and pH metric investigations of the oxalic acid and NaAsO_2 reaction, *J. Serb. Chem. Soc.*, 73, 1113 (2008)
1606. Šećerov B., Bačić G., Comparison of dichromate and ethanol-chlorobenzene dosimeters in high dose radiation processing, *Nukleonika*, 53, 85 (2008)
1607. Ivanović A. Z., Čupić Z. D., Janković M. M., Kolar-Anić L. Z., Anić S. R., The chaotic sequences in the Bray-Liebhafsky reaction in an open reactor, *Phys. Chem. Chem. Phys.*, 10, 5848 (2008)
1608. Blagojević S. M., Anić S. R., Čupić Z. D., Pejić N. D., Kolar-Anić L. Z., Malonic acid concentration as a control parameter in the kinetic analysis of the Belousov-Zhabotinsky reaction under batch conditions, *Phys. Chem. Chem. Phys.*, 10, 6658 (2008)

1609. Marković J. M. D., Veselinović D. S., Baranac J. M., Brdarić T. P., Spectroscopic and theoretical study of cyanidin-aluminum (III) complexes, *Spectrosc. Lett.*, 41, 104 (2008)
1610. Savović J. J., Kuzmanović M. M., Pavlović M. S., Stojković M., Ranković D. P., Marinković M., A spectroscopic investigation of spatial symmetry of radiation in the U-shaped DC argon plasma with aerosol supply, *Spectrosc. Lett.*, 41, 166 (2008)
1611. Damjanović Lj., Auroux A., Heterogeneous catalysis on solids, *The Handbook of Thermal Analysis & Calorimetry, Volume 5, Further advances, techniques and applications*, M. Brown, P. Gallagher (eds.), Elsevier, Amsterdam, Chapter 11, 387 (2008)
1612. Busker M., Nispel M., Haber T., Kleinermanns K., Etinski M., Fleig T., Electronic and vibrational spectroscopy of 1-methylthymine and its water clusters: The dark state survives hydration , *CHEMPHYSICHEM*, 9,1570 (2008)
1613. Jelić S., Čupić Ž, Kolar-Anić Lj., Modelling of the Hypothalamic-Pituitary-Adrenal System Activity Based on the Stoichiometric Analysis, In "New Research on Neurosecretory Systems", E. Romano, S. De Luca (Eds.), Nova Science Publishers, Inc., New York, 225-245 (2008)
1614. Marković Z. S., Mentus S. V., Marković J. M. D., Electrochemical and Density Functional Theory Study on the Reactivity of Fisetin and Its Radicals: Implications on in Vitro Antioxidant Activity, *J. Phys. Chem. A*, 113, 14170 (2009)
1615. Rafailović L. D., Artner W., Nauer G. E., Minić D. M., Structure, morphology and thermal stability of electrochemically obtained Ni-Co deposits, *Thermochim. Acta*, 496, 110 (2009)
1616. Jović N. G., Masadeh A. S., Kremenović A. S., Antić B. V., Blanuša J. L., Cvjetičanin N. D., Goya G. F., Antisari M. V., Božin E. S., Effects of Thermal Annealing on Structural and Magnetic Properties of Lithium Ferrite Nanoparticles, *J. Phys. Chem. C*, 113 20559 (2009)
1617. Andus P. R., Bataveljić D., Vanhoutte G., Mitrecić D., Pizzolante F., Djogo N., Nicaise C., Kengne F. G., Gangitano C., Michetti F., van der Linden A., Pochet R., Bačić G., In Vivo Morphological Changes in Animal Models of Amyotrophic Lateral Sclerosis and Alzheimer's-Like Disease: MRI Approach, *Anat. Rec.*, 292, 1882 (2009)
1618. Minić D. M., Minić D. G., Maričić A., Stability and crystallization of $\text{Fe}_{81}\text{B}_{13}\text{Si}_4\text{C}_2$ amorphous alloy, *J. Non-Cryst. Solids*, 355, 2503 (2009)
1619. Stojadinović S., Nedić Z., Belča I., Vasilčić R., Kasalica B., Petković M., Zeković L., The effect of annealing on the photoluminescent and optical properties of porous anodic alumina films formed in sulfamic acid, *Appl. Surf. Sci.*, 256, 763 (2009)
1620. Janković B., Kolar-Anić L., Smiciklas I., Dimović S., Arandjelović D., The non-isothermal thermogravimetric tests of animal bones combustion. Part. I. Kinetic analysis, *Thermochim. Acta*, 495, 129 (2009)

1621. Tasić G. S., Miljanić S. S., Kaninski M. P. M., Šaponjić D. P., Nikolić V. M., Non-noble metal catalyst for a future Pt free PEMFC, *Electrochem. Commun.*, 11, 2097 (2009)
1622. Šućurović A., Vukelić N., Ignjatović L., Brčeski I., Jovanović D., Physical-chemical characteristics and oxidative stability of oil obtained from lyophilized raspberry seed, *Eur. J. Lipid Sci. Tech.*, 111, 1133 (2009)
1623. Jelić S., Čupić Z., Kolar-Anić L., Vukojević V., Predictive Modeling of the Hypothalamic-Pituitary-Adrenal (HPA) Function. Dynamic Systems Theory Approach by Stoichiometric Network Analysis and Quenching Small Amplitude Oscillations, *Int. J. Nonlin. Sci. Num.*, 10, 1451 (2009)
1624. Bošnjaković-Pavlović N., Spasojević-de Bire A., Tomaz I., Bouhaida N., Avecilla F., Mioč U. B., Pessoa J. C., Ghermani N. E., Electronic Properties of a Cytosine Decavanadate: Toward a Better Understanding of Chemical and Biological Properties of Decavanadates, *Inorg. Chem.*, 48, 9742 (2009)
1625. Anđus P., Bataveljić D., Stamenković S., Bačić G., Imaging cellular markers of neuroinflammation in the brain of the rat model of ALS, *Glia*, 57, S139 (2009)
1626. Bataveljić D., Sekeljić V., Zupunski L., Pluta R., Bačić G., Anđus P., Radenović L., Cellular markers of neuroinflammation in the ischemia - reperfusion long-term survival rat model, *Glia*, 57, S57 (2009)
1627. Stanisavljev D., Physicochemical processes in the microwave field, *Hem. Ind.*, 63, 489 (2009)
1628. Šljukić B. R., Banks C. E., Compton R. G., Sonoelectroanalysis – application to lead determination, *Hem. Ind.*, 63, 529 (2009)
1629. Rafailović L. D., Minić D. M., Deposition and characterization of nanostructured nickel – cobalt alloys, *Hem. Ind.*, 63, 557 (2009)
1630. Adnađević B., Lazarević N., Jovanović J., Thermodynamics and mechanism of nicotine adsorption onto hydrophobic zeolite type from aqueous solution, *Hem. Ind.*, 63, 571 (2009)
1631. Radojičić V., Nikolić M., Adnađević B., The influence of zeolite type added to cigarette blend on the changes of pyrolytic temperatures, *Hem. Ind.*, 63, 579 (2009)
1632. Adnađević B., Jovanović J., Micić U., The kinetics of isothermal dehydration of equilibrium swollen hydrogel of poly(acrylic-co-methacrylic acid), *Hem. Ind.*, 63, 585 (2009)
1633. Janković B., Kinetic Analysis of Isothermal Decomposition Process of Sodium Bicarbonate Using the Weibull Probability Function-Estimation of Density Distribution Functions of the Apparent Activation Energies, *Metall. Mater. Trans. B*, 40, 712 (2009)
1634. Krstić D., Čolović M., Bošnjaković-Pavlović N., Spasojević-De Bire A., Vasić V., Influence of decavanadate on rat synaptic plasma membrane ATPases activity, *Gen., Physiol. Biophys.*, 28, 302 (2009)

1635. Anić S., Maksimović J., Lončarević D., Pejić N., Čupić Z. D., Activity of polymer supported cobalt catalyst in the Bray-Liebhafsky oscillator, *Russ. J. Phys. Chem. A*, 83, 1468 (2009)
1636. Pavelkić V. M., Stanisavljev D. R., Gopčević K. R., Beljanski M. V., Influence of microwave irradiation on enzyme kinetics, *Russ. J. Phys. Chem. A*, 83, 1473 (2009)
1637. Miladinović Z., Zakrzewska J., Dondur V., Kinetic analysis of experimental intensity curves obtained during zeolite a synthesis using in situ Al-27 NMR spectroscopy, *Russ. J. Phys. Chem. A*, 83, 1478 (2009)
1638. Pejić N., Maksimović J., Ribić D., Kolar-Anić L., Dynamic states of the Bray-Liebhafsky reaction when sulfuric acid is the control parameter, *Russ. J. Phys. Chem. A*, 83, 1490 (2009)
1639. Blagojević S. M., Anić S. R., Čupić Z. D., Pejić N. D., Kolar-Anić L. Z., Temperature influence on the malonic acid decomposition in the Belousov-Zhabotinsky reaction, *Russ. J. Phys. Chem. A*, 83, 1496 (2009), Kuzmanović M., Bojović V., Savović J., Antić-Jovanović A., Isotope effects on band intensities in the B I-2 (+)-X pound I-2 (+) pound system of GaO isotopomers, *Russ. J. Phys. Chem. A*, 83, 1515 (2009)
1640. Ivanović A. Z., Čupić Z. D., Kolar-Anić L. Z., Janković M. M., Anić S. R., Large deviation spectra of chaotic time series from Bray-Liebhafsky reaction, *Russ. J. Phys. Chem. A*, 83, 1526 (2009)
1641. Pašti I. A., Mentus S. V., Modification of electronic properties of Pt(111) surface by means of alloyed and adsorbed metals: DFT study, *Russ. J. Phys. Chem. A*, 83, 1531 (2009)
1642. Čučulović A. A., Veselinović D., Miljanić S. S., Cs-137 desorption from lichen using acid solutions, *Russ. J. Phys. Chem. A*, 83, 1547 (2009)
1643. Radenović C. N., Jeremić M. G., Maximov G. V., Beljanski M. V., Radojčić A. R., Mechanisms and parameters of transients and oscillations of delayed chlorophyll fluorescence in the thylakoid membrane of the intact maize leaf, *Russ. J. Phys. Chem. A*, 83, 1582 (2009)
1644. Panić V., Jovanović J., Adnađević B., Veličković S., Effect of synthesis parameters on polymethacrylic acid xerogel structures and equilibrium swelling, *Russ. J. Phys. Chem. A*, 83, 1558 (2009)
1645. Minić D. M., Gavrilović A., Angerer P., Minić D. G., Maričić A., Thermal stability and crystallization of Fe_{89.8}Ni_{1.5}Si_{5.2}B₃C_{0.5} amorphous alloy, *J. Alloy Compd.*, 482, 502 (2009)
1646. Janković B., Nonisothermal Degradation of Zetaplus Impression Material: Kinetic Aspects, *Ind. Eng. Chem. Res.*, 48, 7044 (2009)
1647. Popa A., Holclajtner-Antunović I., Vasiljević-Radović D., Sasca V., AFM and SEM-EDS examination of highly dispersed heteropolyacids supported on MCM 41 and SBA 15 mesoporous materials, *J. Optoelectron. Adv. M.*, 11, 1185 (2009)
1648. Janković B., Mentus S., Jelić D., A kinetic study of non-isothermal decomposition process of anhydrous nickel nitrate under air atmosphere, *Physica B*, 404, 2263 (2009)

1649. Stojković M. M., Pavlović M. M., Kuzmanović M., Savović J. J., Monochromatic imaging technique used to study dc arc plasma under the influence of a transverse magnetic field, *Plasma Sources Sci. T.*, 18, 035005 (2009)
1650. Pasti I., Mentus S., Electronic properties of the $\text{Pt Me}_x/\text{Pt}(111)$ ($\text{Me} = \text{Au, Bi, In, Pb, Pd, Sn}$ and Cu) surface alloys: DFT study, *Mater. Chem. Phys.*, 116, 94 (2009)
1651. Stojković I., Cvjetičanin N., Pašti I., Mitrić M., Mentus S., Electrochemical behaviour of V_2O_5 xerogel in aqueous LiNO_3 solution, *Electrochem. Commun.*, 11, 1512 (2009)
1652. Rogers E. I., Šljukić B., Hardacre C., Compton R. G., Electrochemistry in Room-Temperature Ionic Liquids: Potential Windows at Mercury Electrodes, *J. Chem. Eng. Data*, 54, 2049 (2009)
1653. Mentus S., Ćirić-Marjanović G., Trchova M., Stejskal J., Conducting carbonized polyaniline nanotubes, *Nanotechnology*, 20, 245601 (2009)
1654. Petković M., Novak J., Došlić N., Shaping the infrared spectrum of the acetic acid dimer in the OH-stretching range: Multiple conformers and anharmonic coupling, *Chem. Phys. Lett.*, 474, 248 (2009)
1655. Stanić T., Daković A., Zivanović A., Tomašević-Canović M., Dondur V., Miličević S., Adsorption of arsenic (V) by iron (III)-modified natural zeolitic tuff, *Environ. Chem. Lett.*, 7, 161 (2009)
1656. Živković J., Zeković Z., Mujić I., Godevac D., Mojović M., Mujić A., Spasojević I., EPR Spin-Trapping and Spin-Probing Spectroscopy in Assessing Antioxidant Properties: Example on Extracts of Catkin, Leaves, and Spiny Burs of *Castanea sativa*, *Food Biophys.*, 4, 126 (2009)
1657. Trchova M., Konyushenko E. N., Stejskal J., Kovarova J., Ćirić-Marjanović G., The conversion of polyaniline nanotubes to nitrogen-containing carbon nanotubes and their comparison with multi-walled carbon nanotubes, *Polym. Degrad. Stab.*, 94, 929 (2009)
1658. Ćirić-Marjanović G., Dragičević L., Milojević M., Mojović M., Mentus S., Dojčinović B., Marjanović B., Stejskal J., Synthesis and Characterization of Self-Assembled Polyaniline Nanotubes/Silica Nanocomposites, *J. Phys. Chem. B*, 113, 7116 (2009)
1659. Minić D. M., Gavrilović A., Angerer P., Minić D. G., Maričić A., Structural transformations of $\text{Fe}_{75}\text{Ni}_{25}\text{Si}_{8}\text{B}_{13}\text{C}_2$ amorphous alloy induced by thermal treatment, *J. Alloy Compd.*, 476, 705 (2009)
1660. Mojović Z., Milutinović-Nikolić A., Mentus S., Jovanović D., Electrochemical Oxidation of Phenol on Metal-Impregnated Zeolite Electrodes, *Chem. Eng. Technol.*, 32, 738 (2009)
1661. Stojić D. L., Kumrić S. V., Belošević-Cavor J. N., Radaković J. S., Cekić B. D., Mentus S. V., Hydridic, thermodynamic and kinetic properties of $\text{Hf}(2)\text{Ni}$ intermetallic phase, *Int. J. Hydrogen. Energ.*, 34, 3764 (2009)
1662. Marković J. M. D., Marković Z. S., Veselinović D. S., Krstić J. B., Simović J. D. P., Study on fisetin-aluminium(III) interaction in aqueous buffered solutions by spectroscopy and molecular modeling, *J. Inorg. Biochem.*, 103, 723 (2009)

1663. Janković B., A kinetic study of the isothermal degradation process of LexanA (R) using the conventional and Weibull kinetic analysis, *J. Polym. Res.*, 16, 213 (2009)
1664. Rafailović L. D., Maričić A. M., Artner W., Nauer G. E., Minić D. M., Morphology and Microstructure of Annealed Ni-Co Alloy Powders Electrodeposited on Copper Substrates, *Sci. Sinter.*, 41, 135 (2009)
1665. Minić D. M., Maričić A., Adnađević B., Crystallization of alpha-Fe phase in amorphous $\text{Fe}_{81}\text{B}_{13}\text{Si}_4\text{C}_2$ alloy, *J. Alloy Compd.*, 473, 363 (2009)
1666. Marković D. M., Novović I., Vilotić D., Ignjatović L., Determination of As in tree-rings of poplar (*Populus alba* L.) by U-shaped DC arc, *Environ. Monit. Assess.*, 151, 377 (2009)
1667. Obradović N., Mitrić M., Nikolić M. V., Minić D., Mitrović N., Ristić M. M., Influence of MgO addition on the synthesis and electrical properties of sintered zinc-titanate ceramics, *J. Alloy Compd.*, 471, 272 (2009)
1668. Ćirić-Marjanović G., Dondur V., Milojević M., Mojović M., Mentus S., Radulović A., Vuković Z., Stejskal J., Synthesis and Characterization of Conducting Self-Assembled Polyaniline Nanotubes/Zeolite Nanocomposite, *Langmuir*, 25, 3122 (2009)
1669. Stanić T., Daković A., Živanović A. Tomašević-Čanović M., Dondur V., Milićević S., Adsorption of arsenic (V) bz iron (III)-modified natural zeolitic tuuff, *Env. Chem. Lett.*, 7, 161 (2009)
1670. Janković B., Mentus S., A Kinetic Study of the Nonisothermal Decomposition of Palladium Acetylacetonate Investigated by Thermogravimetric and X-Ray Diffraction Analysis Determination of Distributed Reactivity Model, *Metall. Mater. Trans. A*, 40A, 609 (2009)
1671. Adnađević B., Janković B., Kolar-Anić L., Jovanović J., Application of the Weibull distribution function for modeling the kinetics of isothermal dehydration of equilibrium swollen poly (acrylic acid) hydrogel, *React. Funct. Polym.*, 69, 151 (2009)
1672. Adnađević B., Jovanović J., A comparative kinetics study of isothermal drug release from poly(acrylic acid) and poly(acrylic-co-methacrylic acid) hydrogels, *Colloid Surface B*, 69, 31 (2009)
1673. Adnađević B., Janković B., A New Method for Evaluation of the Isothermal Conversion Curves from the Nonisothermal Measurements. Application in Nickel Oxide Reduction Kinetics, *Ind. Eng. Chem. Res.*, 48, 1420 (2009)
1674. Erić S., Logar M., Milovanović D., Babić D., Adnađević B., Ti-in-biotite geothermometry in non-graphitic, peraluminous metapelites from Crni vrh and Resavski humovi (Central Serbia) *Geol. Carpath.*, 60, 3 (2009)
1675. Kukavica B., Mojović M., Vučinić Z., Maksimović V., Takahama U., Jovanović S. V., Generation of Hydroxyl Radical in Isolated Pea Root Cell Wall, and the Role of Cell Wall-Bound Peroxidase, Mn-SOD and Phenolics in Their Production, *Plant Cell. Physiol.*, 50, 304 (2009)

1676. Spasojević I., Mojović M., Blagojević D., Spasić S. D., Jones D. R., Nikolić-Kokić A., Spasić M. B., Relevance of the capacity of phosphorylated fructose to scavenge the hydroxyl radical, *Carbohydr. Res.*, 344, 80 (2009)
1677. Blinova N. V., Stejskal J., Trchova M., Sapurina I., Ćirić-Marjanović G., The oxidation of aniline with silver nitrate to polyaniline-silver composites, *Polymer*, 50, 50 (2009)
1678. Kojić D., Spasojević I., Mojović M., Blagojević D., Worland M. R., Grubor-Lajšić G., Spasić M. B., Potential role of hydrogen peroxide and melanin in the cold hardness of *Ostrinia nubilalis* (Lepidoptera: Pyralidae), *Eur. J. Entomol.*, 106, 451 (2009)
1679. Bataveljić D., Djogoi N., Zupunski L., Bajić A., Nicaise C., Pochet R., Bačić G., Andus P. R., Live monitoring of brain damage in the rat model of amyotrophic lateral sclerosis, *Gen. Physiol. Biophys.*, 28, 212 (2009)
1680. Radenović Č., Filipović M., Selaković D., Sečanski M., Babić V., Camdžija Z., Jovanović S., Pavlov J., Stevanović M., The prestigious maize inbred lines with erect top leaves. The priority performance of the efficient photosynthetic model in breeding, *Genetika – Belgrade*, 41, 41 (2009)
1681. Janković B., Identification of the Effective Distribution Function for Determination of the Distributed Activation Energy Models Using the Maximum Likelihood Method: Isothermal Thermogravimetric Data, *Int. J. Chem. Kinet.*, 41, 27 (2009)
1682. Mihajlović M. L., Mitrašinović P. M., Some novel insights into the binding of oseltamivir and zanamivir to H5N1 and N9 influenza virus neuraminidases: a homology modeling and flexible docking study, *J. Serb. Chem. Soc.*, 74, 1 (2009)
1683. Jović M., Dašić M., Holl K., Ilić D., Mentus S., Gel-combustion synthesis of CoSb_2O_6 and its reduction to powdery Sb_2Co alloy, *J. Serb. Chem. Soc.*, 54, 1 (2009)
1684. Radenković M. B., Alshikh S. M., Andrić V. B., Miljanić Š. S., Radioactivity of sand from several renowned public beaches and assessment of the corresponding environmental risks, *J. Serb. Chem. Soc.*, 74, 461 (2009)
1685. Daković M., Mojović M., Bačić G., EPR study of the production of OH radicals in aqueous solutions of uranium irradiated by ultraviolet light, *J. Serb. Chem. Soc.*, 74, 651 (2009)
1686. Čučulović A. A., Veselinović D. S., Miljanić S. S., Desorption of Cs-137 from *Cetraria islandica* (L.) Ach. using solutions of acids and their salts mixtures, *J. Serb. Chem. Soc.*, 74, 663 (2009)
1687. Ristić G. S., Trtica M. S., Bogdanov Z. D., Rakočević Z. L. J., Miljanić S. S., Laser reflection spot as a pattern in a diamond coating - a microscopic study, *J. Serb. Chem. Soc.*, 773, 1 (2009)
1688. Mentus S., Mojović Z., Radmilović V., The use of NaX zeolite as a template to obtain a mono-atomic Pt dispersion by impregnation with Pt(II) acetylacetonate/acetone solution, *J. Serb. Chem. Soc.*, 74, 1113 (2009)

1689. Joksić J. D., Jovasević-Stojanović M., Bartonova A., Radenković M. B., Yttri K. E., Matić-Besarabić S., Ignjatović L., Physical and chemical characterization of the particulate matter suspended in aerosols from the urban area of Belgrade, *J. Serb. Chem. Soc.*, 74, 1319 (2009)
1690. Minić D. M., Nedić Z., Marković R., Structural transformation of push-pull 5-substituted-4-oxothiazolidines during heating, *Therm. Anal. Calorim.*, 95, 167 (2009)
1691. Marković S., Miljković M., Jovalekić C., Mentus S., Uskoković D., Densification, Microstructure, and Electrical Properties of BaTiO₃ (BT) Ceramics Prepared from Ultrasonically De-Agglomerated BT Powders, *Mater. Manuf. Process.*, 24, 1114 (2009)
1692. Spasojević I., Jelić S., Zakrzewska J., Bačić G., Decreased Oxygen Transfer Capacity of Erythrocytes as a Cause of 5-Fluorouracil Related Ischemia, *Molecules*, 14, 53 (2009)
1693. Pašti I., Mentus S., DFT study of adsorption of hydrogen and carbon monoxide on Pt_xBi_{1-x}/Pt(111) bimetallic overlayers: correlation to surface electronic properties, *Phys. Chem. Chem. Phys.*, 11, 6225 (2009)
1694. Pošarac M., Devečerski A., Volkov-Husović T., Matović B., Minić D. M., The Effect of Y₂O₃ Addition on Thermal Shock Behavior of Magnesium Aluminate Spinel, *Sci. Sinter.*, 41, 75 (2009)
1695. Damjanović Lj., Auroux A., Determination of acid/base properties by temperature programmed desorption (TPD) and adsorption calorimetry, *Zeolite Chemistry and Catalysis: An integrated Approach and Tutorial*, A.W. Chester and E.G. Derouane (eds.), Springer, Chapter 3, 107 (2009)
1696. Cekić-Lasković I., Minić D. M., Baranac-Stojanović M., Marković R., Volanschi E., Cyclic Voltammetry Study of 5-Ethoxycarbonylmethylidene-4-Oxothiazodin--2-ylidene)-N-Phenylethanamide, *Russ. J. Phys. Chem. A*, 9, 1571 (2009)
1697. Etinski M., Fleig T., Marian C., Intersystem Crossing and Characterization of Dark States in the Pyrimidine Nucleobases Uracil, Thymine, and 1-Methylthymine, *J. Phys. Chem. A*, 113, 11809 (2009)
1698. Schaper K., Etinski M., Fleig T., Theoretical Investigation of the Excited States of Nitrobenzyl and 4,5-Methylenedioxy-2-nitrobenzyl Caging Groups, *Photochem. Photobio.*, 85, 1075 (2009)
1699. Adnađević B., Lazarević N., Jovanović J., A study of the kinetics of isothermal nicotine desorption from silicon dioxide, *Appl. Surf. Sci.*, 257, 1425 (2010)
1700. Damjanović L., Rakić V., Rac V., Stošić D., Auroux A., The investigation of phenol removal from aqueous solutions by zeolites as solid adsorbents, *J. Hazard. Mater.*, 184, 477 (2010)
1701. Marjanović B., Juranić I., Mentus S., Ćirić-Marjanović G., Holler P., Oxidative polymerization of anilinium 5-sulfosalicylate with peroxydisulfate in water, *Chem. Pap.*, 64, 783 (2010)
1702. Kuzmanović M., Savović J., Pavlović M. S., Stojiljković M., Ranković D., Momčilović M., Delayed responses of analyte emission in a pulse-modulated direct-current argon arc at atmospheric pressure, *Plasma Sources Sci. T.*, 19, 065019 (2010)

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1703. Petković M., Vibrational spectroscopy: Can density functional theory cope with highly electronegative atoms? *Spectrochim. Acta A*, 77, 942 (2010)
1704. Radulović A., Dondur V., Dimitrijević R., Arandjelović D., Thermal transformation of Na-LTA zeolite into low-carnegieite: The influence of residual sodium and aluminium species, *Thermochim. Acta*, 511, 37 (2010)
1705. Adnađević B., Jovanović J., Isothermal Dehydration of the Poly(acrylic -co-methacrylic acid) Hydrogel, *Ind. Eng. Chem. Res.*, 49, 11708 (2010)
1706. Janosević A., Ćirić-Marjanović G., Marjanović B., Trchova M., Stejskal J., 3,5-Dinitrosalicylic acid-assisted synthesis of self-assembled polyaniline nanorods, *Mater. Lett.*, 64, 2337 (2010)
1707. Gizdavić-Nikolaidis M. R., Stanisavljev D. R., Easteal A. J., Zujović Z. D., Microwave-Assisted Synthesis of Functionalized Polyaniline Nanostructures with Advanced Antioxidant Properties, *J. Phys. Chem. C*, 114, 18790 (2010)
1708. Janković B., Identification of the Effective Distribution Function for Determination of the Distributed Activation Energy Models Using Bayesian Statistics: Application of Isothermal Thermogravimetric Data, *Int. J. Chem. Kinet.*, 42, 641 (2010)
1709. Nikolić V. M., Tasić G. S., Maksić A. D., Šaponjić D. P., Miulović S. M., Kaninski M. P. M., Raising efficiency of hydrogen generation from alkaline water electrolysis - Energy saving, *Int. J. Hydrogen Energ.*, 35, 12369 (2010)
1710. Holclajtner-Antunović I., Mioč U. B., Todorović M., Jovanović Z., Davidović M., Bajuk-Bogdanović D., Laušević Z., Characterization of potassium salts of 12-tungstophosphoric acid, *Mater. Res. Bull.*, 45, 1679 (2010)
1711. Morina F., Jovanović L., Mojović M., Vidović M., Panković D., Jovanović S. V., Zinc-induced oxidative stress in *Verbascum thapsus* is caused by an accumulation of reactive oxygen species and quinyhydrone in the cell wall, *Physiol. Plantarum*, 140, 209 (2010)
1712. Stojiljković M. M., Pašti I. A., Momčilović M. D., Savović J. J., Pavlović M. S., Principal component analysis of the main factors of line intensity enhancements observed in oscillating direct current plasma, *Spectrochim. Acta B*, 65, 927 (2010)
1713. Bošnjaković-Pavlović N., Spasojević-de Bire A., Cytosine-Cytosinium Dimer Behavior in a Cocrystal with a Decavanadate Anion as a Function of the Temperature, *J. Phys. Chem. A*, 114, 10664 (2010)
1714. Stojadinović S., Vasilčić R., Belča I., Petković M., Kasalica B., Nedić Z., Zeković L., Characterization of the plasma electrolytic oxidation of aluminium in sodium tungstate, *Corros. Sci.*, 52, 3258 (2010)
1715. Krajišnik D., Milojević M., Malenović A., Daković A., Ibrić S., Savić S., Dondur V., Matijasević S., Radulović A., Daniels R., Milić J., Cationic surfactants-modified natural zeolites: improvement of the excipients functionality, *Drug. Dev. Ind. Pharm.*, 36, 1215 (2010)

1716. Šumar-Ristović M. T., Minić D. M., Poleti D., Miodragović Z., Miodragović D., Anđelković K. K, Thermal stability and degradation of Co(II), Cd(II), and Zn(II) complexes with N-benzyloxycarbonylglycinato ligand, *Therm. Anal. Calorim.*, 102, 83 (2010)
1717. Mojović Z., Milutinović-Nikolić A., Banković P., Mentus S., Jovanović D., Electrochemical behavior of silver-impregnated Al-pillared smectite in alkaline solution, *J. Solid State Electr.*, 14, 1621 (2010)
1718. Marković Z. S., Marković J. M. D., Dolićanin C. B., Cemal B., Mechanistic pathways for the reaction of quercetin with hydroperoxy radical, *Theor. Chem. Acc.*, 127, 69 (2010)
1719. Ranković D., Kuzmanović M., Savović J., Pavlović M. S., Stojković M., Momčilović M., The effect of potassium addition on plasma parameters in argon dc plasma arc, *J. Phys. D*, 43, 335202 (2010)
1720. Gavrilović A., Minić D. M., Rafailović L. D., Angerer P., Wosik J., Maričić A., Minić D. M., Phase transformations of $\text{Fe}_{73.5}\text{Cu}_1\text{Nb}_3\text{Si}_{15.5}\text{B}_7$ amorphous alloy upon thermal treatment *J. Alloy Compd.*, 504, 462 (2010)
1721. Janković B., The kinetic analysis of isothermal curing reaction of an unsaturated polyester resin; Estimation of the density distribution function of the apparent activation energy, *Chem. Eng. J.*, 162, 331 (2010)
1722. Janković B., Mentus S., Thermal stability and nonisothermal kinetics of Folnak (R) degradation process, *Drug. Dev. Ind. Pharm.*, 36, 980 (2010)
1723. Poparić G. B., Belić D. S., Ristić M. M., Resonant vibrational excitation of H-2 by electron impact: Full-range differential cross sections, *Phys. Rev. A*, 82, 012706 (2010)
1724. Lazarević N., Jovanović J., Jevremović M., Nikolić M., Adnađević B., Kinetics of Isothermal Nicotine Adsorption from the Aqueous Solution onto the USY Zeolite, *Ind. Eng. Chem. Res.*, 49, 6302 (2010)
1725. Jerosimić S., Stojanović L., Perić M., Ab initio study of the $1^2\Delta(X)\text{over-tilde } 2^1\Pi$ electronic transition of C_2As , *J. Chem. Phys.*, 133, 024307 (2010)
1726. Adnađević B., Janković B., Minić D. M., Kinetics of the apparent isothermal and non-isothermal crystallization of the alpha-Fe phase within the amorphous $\text{Fe}_{81}\text{B}_{13}\text{Si}_4\text{C}_2$ alloy, *J. Phys. Chem. Solid*, 71, 927 (2010)
1727. Antić-Jovanović A., Kuzmanović M., Bojović V., Khakoo M. A., Laher R. R., Experimental and predicted Ag-2 $\text{B}^{-1}\Pi_u-X^{-1}\Sigma^+_g$ absorption band strengths, *J. Quant. Spectrosc. Ra.*, 111, 1357 (2010)
1728. Ćirić-Marjanović G., Holclajtner-Antunović I., Mentus S., Bajuk-Bogdanović D., Ješić D., Manojlović D., Trifunović S., Stejskal J., Self-assembled polyaniline 12-tungstophosphate micro/nanostructures, *Synthetic Met.*, 160, 1463 (2010)

1729. Kolar-Anić L., Čupić Z., Schmitz G., Anić S., Improvement of the stoichiometric network analysis for determination of instability conditions of complex nonlinear reaction systems, *Chem. Eng. Sci.*, 65, 3718 (2010)
1730. Janković B., Adnađević B., Kolar-Anić L., Smiciklas I., The non-isothermal thermogravimetric tests of animal bones combustion. Part II. Statistical analysis: Application of the Weibull mixture model, *Thermochim. Acta*, 505, 98 (2010)
1731. Radoičić M., Šaponjić Z., Nedeljković J., Ćirić-Marjanović G., Stejskal J., Self-assembled polyaniline nanotubes and nanoribbons/titanium dioxide nanocomposites, *Synth. Met.*, 160, 1325 (2010)
1732. Yan Y. A., Petković M., Krishnan G. M., Kuhn O., IR spectrum of the O-H center dot center dot center dot O hydrogen bond of phthalic acid monomethylester in gas phase and in CCl₄ solution, *J. Mol. Struct.*, 972, 68 (2010)
1733. Damjanović L., Bennici S., Auroux A., A direct measurement of the heat evolved during the sodium and potassium borohydride catalytic hydrolysis, *J. Power. Sources*, 195, 3284 (2010)
1734. Pašti I., Mentus S., First principles study of adsorption of metals on Pt(111) surface, *J. Alloy Compd.*, 497, 38 (2010)
1735. Stojković I., Cvjetičanin N., Marković S., Mitrić M., Mentus S., Electrochemical Behaviour of V2O5 Xerogel and V2O5 Xerogel/C Composite in an Aqueous LiNO₃ and Mg(NO₃)₂ Solutions, *Acta Phys. Pol. A*, 117, 837 (2010)
1736. Jović-Jovičić N., Milutinović-Nikolić A., Banković P., Dojčinović B., Nedić B., Gržetić I., Jovanović D., Synthesis, Characterization and Adsorptive Properties of Organobentonites *Acta Phys. Pol. A*, 117, 849 (2010)
1737. Ardestani M., Arabi H., Razavizadeh H., Rezaie H. R., Janković B., Mentus S., An investigation about the activation energies of the reduction transitions of fine dispersed CuWO_{4-x}/WO_{3-x} oxide powders, *Int. J. Refract. Met. H.*, 28, 383 (2010)
1738. Nikolić L., Ristić I., Adnađević B., Nikolić V., Jovanović J., Stanković M., Novel Microwave-Assisted Synthesis of Poly(D,L-lactide): The Influence of Monomer/Initiator Molar Ratio on the Product Properties, *Sensors*, 10, 5063 (2010)
1739. Stojadinović S., Vasilic R., Petković M., Nedić Z., Kasalica B., Belča I., Zeković L., Luminescence properties of oxide films formed by anodization of aluminum in 12-tungstophosphoric acid, *Electrochim. Acta*, 55, 3857 (2010)
1740. Jovanović J., Adnađević B., Kostić A., The Effects of the pH Value of the Swelling Medium on the Kinetics of the Swelling of a Poly(acrylic acid) Hydrogel, *J. Appl. Polym. Sci.*, 116, 1036 (2010)
1741. Rafailović L. D., Karnthaler H. P., Trišović T., Minić D. M., Microstructure and mechanical properties of disperse Ni-Co alloys electrodeposited on Cu substrates, *Mater. Chem. Phys.*, 120, 409 (2010)

1742. Jovanović J., Adnađević B., Influence of Microwave Heating on the Kinetic of Acrylic Acid Polymerization and Crosslinking, *J. Appl. Polym Sci.*, 116, 55 (2010)
1743. Marković D., Kusigerski V., Tadić M., Blanuša J., Jagličić Z., Cvjetičanin N., Spasojević V. The influence of the heat treatment on the structural and magnetic properties of nanoparticle $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ prepared by glycine-nitrate method, *J. Alloy. Compd.*, 494, 52 (2010)
1744. Marković S., Jovalekić C., Veselinović L., Mentus S., Uskoković D., Electrical properties of barium titanate stannate functionally graded materials, *J. Eur. Ceram. Soc.*, 30, 1427 (2010)
1745. Jerosimić S. V., Senčanski M. V., Radić-Perić J. B., Ab initio investigation of the ground X (2)A' [X (2)A(1)] and low-lying excited electronic states of C2B, *J. Mol. Struct. – Theochem.*, 944, 53 (2010)
1746. Mojović M., Daković M., Omerašević M., Mojović Z., Banković P., Milutinović-Nikolić A., Jovanović D., The paramagnetic pillared bentonites as digestive tract MRI contrast agents, *Int. J. Mod. Phys. B*, 24, 780 (2010)
1747. Janković B., Thermal Stability Investigation and the Kinetic Study of Folnak (R) Degradation Process Under Nonisothermal Conditions, *AAPS Pharmscitech*, 11, 103 (2010)
1748. Mojović Z., Banković P., Milutinović-Nikolić A., Nedić B., Jovanović D., Co-aluminosilicate based electrodes, *Appl. Clay Sci.* 48, 179 (2010)
1749. Mojović M., Daković M., Banković P., Mojović Z., Paramagnetic pillared bentonites - The new digestive tract MRI contrast agents, *Appl. Clay Sci.* 48, 191 (2010)
1750. Stojković I. B., Cvjetičanin N. D., Mentus S. V., The improvement of the Li-ion insertion behaviour of $\text{Li1.05Cr0.10Mn1.85O4}$ in an aqueous medium upon addition of vinylene carbonate, *Electrochem. Commun.*, 12, 371 (2010)
1751. Rakić V., Damjanović L., Rac V., Stošić D., Dondur V., Auroux A., The adsorption of nicotine from aqueous solutions on different zeolite structures, *Water. Res.*, 44, 2047 (2010)
1752. Pašti I. A., Mentus S. V., Halogen adsorption on crystallographic (111) planes of Pt, Pd, Cu and Au, and on Pd-monolayer catalyst surfaces: First-principles study, *Electrochim. Acta*, 55, 1995 (2010)
1753. Popa A., Sasca V., Kiss E. E., Marinković-Nedušin R., Bokorov M. T., Holclajtner-Antunović I., Studies in structural characterization of silica-heteropolyacids composites prepared by sol-gel method, *Mater. Chem. Phys.*, 119, 465 (2010)
1754. Poparić G. B., Ristić M. M., Belić D. S., Electron Energy Transfer Rate Coefficients of Carbon Dioxide, *J. Phys. Chem. A*, 114, 1610 (2010)
1755. Petković M., Petrović B., Savić J., Bugarčić Z. D., Dimitrić-Marković J., Momić T., Vasić V., Flavonoids as matrices for MALDI-TOF mass spectrometric analysis of transition metal complexes, *Int. J. Mass. Spectrom.*, 290, 39 (2010)

1756. Spasojević I., Mojović M., Stević Z., Spasić S. D., Jones D. R., Morina A., Spasić M. B., Bioavailability and catalytic properties of copper and iron for Fenton chemistry in human cerebrospinal fluid, *Redox Rep.*, 15, 29 (2010)
1757. Stanisavljev D. R., Energy Dynamics in the Bray-Liebhafsky Oscillatory Reaction, *J. Phys. Chem. A*, 114, 725 (2010)
1758. Milojević N., Stanisavljev D., Nikolić B., Beljanski M., Kolar-Anić L., Knežević-Vukčević J., Bacteriophage lambda proliferation in Escherchia Coli under the influence of microwave irradiation, *Arch. Biol. Sci.*, 62, 935 (2010)
1759. Panić V., Adnađević B., Veličković S., Jovanović J., The effects of the synthesis parameters on the xerogels structures and on the swelling parameters of the poly(methacrylic acid) hydrogels, *Chem. Eng. J.*, 156, 206 (2010)
1760. Pašti I. A., Mentus S. V., Halogen Adsorption on Pt(111) and Palladium Monolayer Electrocatalysts: DFT Study, *Electrochemistry*, 25, 79 (2010)
1761. Mojović Z., Jovanović L., Mentus S., Jovanović D., Reduction of Oxygen at a NaX-Ag Composite Electrode and Its Application to the Determination of Oxygen in Aqueous Media, *J. Anal. Chem.*, 65, 77 (2010)
1762. Ivanković N., Kašanin-Grubin M., Brčeski I., Vukelić N., Possible sources of heavy metals in urban soils: example from Belgrade, Serbia, *J. Environ. Prot. Ecol.*, 11, 455 (2010)
1763. Đurović R. D., Đorđević T. M., Santrić L. R., Gašić S. M., Ignjatović L. M., Headspace solid phase microextraction method for determination of triazine and organophosphorus pesticides in soil, *J. Environ. Sci. Heal. B.*, 45, 626 (2010)
1764. Đurović R. D., Umiljendić J. S. G., Cupac S. B., Ignjatović L. M., Solid Phase Microextraction as an Efficient Method for Characterization of the Interaction of Pesticides with Different Soil Types, *J. Brazil. Chem. Soc.*, 21, 985 (2010)
1765. Rafailović L. D., Minić D. M., Karnthaler H. P., Wosik J., Trišović T., Nauer G. E., Study of the Dendritic Growth of Ni-Co Alloys Electrodeposited on Cu Substrates, *J. Electrochem. Soc.*, 157, D295 (2010)
1766. Antić-Jovanović A., Momčilović M., Bojović V., Khakoo M. A., Laher R. R., Franck-Condon factors and observed band strength distribution in the vibrational structure of the Ag-2 D-X band system, *J. Serb. Chem. Soc.*, 75, 659 (2010)
1767. Novaković T. B., Rozić L. S., Petrović S. P., Vuković Z. M., Dondur V. T., Pore surface fractal analysis of PEG and La(III)-doped mesoporous alumina obtained by the sol-gel method, *J. Serb. Chem. Soc.*, 75, 833 (2010)
1768. Vujasin R., Senčanski M., Radić-Perić J., Perić M., A Comparison of Various Variational Approaches for Solving the One-dimensional Vibrational Schrodinger Equation, *MATCH – Commun. Math. Co.*, 63, 363 (2010)

1769. Mioč U. B., Stojadinović S., Nedić Z., Characterization of Bronze Surface Layer Formed by Microarc Oxidation Process in 12-Tungstophosphoric Acid, *Materials*, 3, 110 (2010)
1770. Jakanović V., Nedić Z., Nano-designing of Mg doped phosphate tungsten bronzes and SiO₂ composite obtained by ultrasonic spray pyrolysis method, *Ultrason. Sonochem.*, 17, 228 (2010)
1771. Etinski M., Marian C., Overruling the energy gap law: fast triplet formation in 6-azauracil, *Phys. Chem. Chem. Phys.*, 12, 15665 (2010)
1772. Etinski M., Marian C., Ab initio investigation of the methylation and hydration effects on the electronic spectra of uracil and thymine, *Phys. Chem. Chem. Phys.*, 12, 4915 (2010)
1773. Marković J. M. D., Marković Z. S., Brdarić T. P., Pavelkić V. M., Jadranin M. B., Iron complexes of dietary flavonoids: Combined spectroscopic and mechanistic study of their free radical scavenging activity, *Food. Chem.*, 129, 1567 (2011)
1774. Stanković I. M., Marković V. M., Kolar-Anić L. Z., System with variable energy, volume and number of particles: Evaluation of partition function and thermodynamic quantities, *Russ. J. Phys. Chem. A*, 85, 2257 (2011)
1775. Milenković M. C., Stanisavljev D. R., The kinetics of iodide oxidation by hydrogen peroxide in acid solution, *Russ. J. Phys. Chem. A*, 85, 2279 (2011)
1776. Minić D. M., Đorđević M., Džambaski Z., Šumar-Ristović M., Marković R., Kinetics and mechanism of structural transformations of 2-(5-ethoxycarbonylmethyl-4-oxothiazolidin-2-ylidene)-N-(2-phenylethyl)-ethanamide during heating, *Russ. J. Phys. Chem. A*, 85, 2288 (2011)
1777. Baros Z. Z., Adnađević B. K., The influence of the molar ratio [H₂O]/[Ti(OR)(4)] on the kinetics of the titanium-oxo-alkoxy clusters nucleation, *Russ. J. Phys. Chem. A*, 85, 2295 (2011)
1778. Stevanović S., Tripković D., Rogan J., Minić D., Gavrilović A., Tripković A., Jovanović V. M., Enhanced activity in ethanol oxidation of Pt₃Sn electrocatalysts synthesized by microwave irradiation, *Russ. J. Phys. Chem. A*, 85, 2299 (2011)
1779. Pejić N., Vujković M., Maksimović J., Ivanović A., Anić S., Čupić Z., Kolar-Anić L., Dynamic behavior of the Bray-Liebhafsky oscillatory reaction controlled by sulfuric acid and temperature, *Russ. J. Phys. Chem. A*, 85, 2310 (2011)
1780. Marković V. M., Čupić Z., Ivanović A., Kolar-Anić L., The stability of the extended model of hypothalamic-pituitary-adrenal axis examined by stoichiometric network analysis, *Russ. J. Phys. Chem. A*, 85, 2327 (2011)
1781. Stojković I., Cvijetićanin N., Mentus S., Improvement of the cycle life of composite xerogel V205/C in aqueous LiNO₃ solution by addition of vinylene carbonate, *Russ. J. Phys. Chem. A*, 85, 2344 (2011)
1782. Antić-Jovanović A., Kuzmanović M., Khakoo M. A., Laher R. R., The electronic transition moment function of the E I-1 (u) -X I-1 pound (g) (+) system of Ag-2, *Russ. J. Phys. Chem. A*, 85, 2363 (2011)

1783. Vasić D., Ristanović Z., Pašti I., Mentus S., Systematic DFT-GGA study of hydrogen adsorption on transition metals, *Russ. J. Phys. Chem. A*, 85, 2373 (2011)
1784. Gabrovska M., Krstić J., Tzvetkov P., Tenchev K., Shopka M., Vukelić N., Jovanović D., Effect of the support and the reduction temperature on the formation of metallic nickel phase in Ni/silica gel precursors of vegetable oil hydrogenation catalysts, *Russ. J. Phys. Chem. A*, 85, 2392 (2011)
1785. Tuvic T., Pašti I., Mentus S., Tungsten electrochemistry in alkaline solutions-Anodic dissolution and oxygen reduction reaction, *Russ. J. Phys. Chem. A*, 85, 2399 (2011)
1786. Šljukić B., Stojković I., Cvijetićanin N., Ćirić-Marjanović G., Hydrogen peroxide sensing at MnO_2 /carbonized nanostructured polyaniline electrode, *Russ. J. Phys. Chem. A*, 85, 2406 (2011)
1787. Šećerov B. L., Bačić G. G., Calibration of routine dosimeters in radiation processing: validation procedure for in-plane calibration, *Nucl. Technol. Radiat.*, 26, 271 (2011)
1788. Minić D. M., Blagojević V. A., Minić D. M., Gavrilović A., Rafailović L., Zak T., Influence of Microstructure on Microhardness of $\text{Fe}_{81}\text{Si}_4\text{B}_{13}\text{C}_2$ Amorphous Alloy after Thermal Treatment, *Metall. Mater. Trans. A*, 42A, 4106 (2011)
1789. Colović M. B., Bajuk-Bogdanović D. V., Avramović N. S., Holclajtner-Antunović I. D., Bosnjaković-Pavlović N. S., Vasić V. M., Krstić D. Z., Inhibition of rat synaptic membrane Na^+/K^+ -ATPase and ecto-nucleoside triphosphate diphosphohydrolases by 12-tungstosilicic and 12-tungstophosphoric acid, *Bioorgan. Med. Chem.*, 19, 7063 (2011)
1790. Marković J. M. D., Marković Z. S., Milenković D., Jeremić S., Application of comparative vibrational spectroscopic and mechanistic studies in analysis of fisetin structure, *Spectrochim. Acta A*, 83, 120 (2011)
1791. Blagojević V. A., Minić D. M., Zak T., Minić D. M., Influence of thermal treatment on structure and microhardness of $\text{Fe}_{75}\text{Ni}_{25}\text{Si}_{8}\text{B}_{13}\text{C}_2$ amorphous alloy, *Intermetallics*, 19, 1780 (2011)
1792. Stojadinović S., Perić M., Petković M., Vasilčić R., Kasalica B., Belča I., Radić-Perić J., Luminescence of the $\text{B}^{-2}\Sigma^+-\text{X}^{-2}\Sigma^+$ band system of AlO during plasma electrolytic oxidation of aluminum, *Electrochim. Acta*, 56, 10122 (2011)
1793. Jelić D., Penavin-Škundrić J., Majstorović D., Mentus S., The thermogravimetric study of silver (I) oxide reduction by hydrogen, *Thermochim. Acta*, 526, 252 (2011)
1794. Minić D. M., Blagojević V. A., Minić D. M., Zak T., Influence of microstructural inhomogeneity of individual sides of $\text{Fe}_{81}\text{Si}_{4}\text{B}_{13}\text{C}_2$ amorphous alloy ribbon on thermally induced structural transformations, *Mater. Chem. Phys.*, 130, 980 (2011)
1795. Gavrilov N., Vujković M., Pašti I. A., Ćirić-Marjanović G., Mentus S. V., Enhancement of electrocatalytic properties of carbonized polyaniline nanoparticles upon a hydrothermal treatment in alkaline medium, *Electrochim. Acta*, 56, 9197 (2011)

1796. Šumar-Ristović M. T., Anđelković K. K., Poletić D., Minić D. M., Thermal degradation of coordination polymer $[\text{Cd}(\text{N-Boc-gly})(2)(\text{H}_2\text{O})(2)](n)$, *Thermochim. Acta*, 525, 25 (2011)
1797. Sarvan M., Perić M., Zeković L., Stojadinović S., Belča I., Petković M., Kasalica B., Identification of the $\text{C-}^2\Pi\text{-X-}^2\Sigma^+$ band system of AlO in the ultraviolet galvanoluminescence obtained during aluminum anodization, *Spectrochim. Acta A*, 81, 672 (2011)
1798. Janošević A., Pašti I., Gavrilov N., Mentus S., Ćirić-Marjanović G., Krstić J., Stejskal J., Micro/mesoporous conducting carbonized polyaniline 5-sulfosalicylate nanorods/nanotubes: Synthesis, characterization and electrocatalysis, *Synth. Met.*, 161, 2179 (2011)
1799. Marković V. M., Čupić Z., Vukojević V., Kolar-Anić L., Predictive modeling of the hypothalamic-pituitary-adrenal (HPA) axis response to acute and chronic stress, *Endocr. J.*, 58, 889 (2011)
1800. Marković Z. S., Marković J. M. D., Milenković D., Filipović N., Mechanistic study of the structure-activity relationship for the free radical scavenging activity of baicalein, *J. Mol. Model.*, 17, 2575 (2011)
1801. Janković B., The comparative kinetic analysis of Acetocell and Lignoboost (R) lignin pyrolysis: The estimation of the distributed reactivity models, *Bioresource Technol.*, 102, 9763 (2011)
1802. Jovanović Z., Kalijadis A., Vasiljević-Radošević D., Erić M., Laušević M., Mentus S., Laušević Z., Modification of glassy carbon properties under low energy proton irradiation, *Carbon*, 49, 3737 (2011)
1803. Anić M., Radić N., Grbić B., Dondur V., Damjanović L., Stoychev D., Stefanov P., Catalytic activity of Pt catalysts promoted by MnO_x for n-hexane oxidation, *Appl. Catal. B – Environ.*, 107, 327 (2011)
1804. Biliskov N., Novak J., Petković M., Zgrablić G., Baranović G., Došlić N., Localization of the Counterion of the Protonated Schiff Base of n-butylretinal in Solution, *Croat. Chem. Acta*, 84, 221 (2011)
1805. Pavlović V. P., Krstić J., Šćepanović M. J., Dojčilović J., Minić D. M., Blanuša J., Stevanović S., Mitić V., Pavlović V. B., Structural investigation of mechanically activated nanocrystalline BaTiO_3 powders, *Ceram. Int.*, 37, 2513 (2010)
1806. Bošnjaković-Pavlović N., Prevost J., Spasojević-de Bire A., Crystallographic Statistical Study of Decavanadate Anion Based-Structures: Toward a Prediction of Noncovalent Interactions, *Cryst. Growth Des.*, 11, 3778 (2011)
1807. Petković M., Stojadinović S., Vasilčić R., Belča I., Nedić Z., Kasalica B., Mioč U. B., Preparation of silicate tungsten bronzes on aluminum by plasma electrolytic oxidation process in 12-tungstosilicic acid, *Appl. Surf. Sci.*, 257, 9555 (2011)
1808. Jovanović Z., Pašti I., Kalijadis A., Laušević M., Mentus S., Laušević Z., Platinum deposition from hydrogen-ion beam irradiated solid precursor, *Mater. Lett.*, 65, 2655 (2011)

1809. Minić D. M., Blagojević V., Minić D. G., Gavrilović A., Rafailović L., Influence of thermally induced structural transformations on hardness in $\text{Fe}_{89.8}\text{Ni}_{1.5}\text{Si}_{5.2}\text{B}_3\text{C}_{0.5}$ amorphous alloy, *J. Alloy Compd.*, 509, 8350 (2011)
1810. Rozić L., Grbić B., Radić N., Petrović S., Novaković T., Vuković Z., Nedić Z., Mesoporous 12-tungstophosphoric acid/activated bentonite catalysts for oxidation of 2-propanol, *Appl. Clay Sci.*, 53, 151 (2011)
1811. Ćirić-Marjanović G., Marjanović B., Bober P., Rozlivkova Z., Stejskal J., Trchova M., Prokes J., The Oxidative Polymerization of p-Phenylenediamine with Silver Nitrate: Toward Highly Conducting Micro/Nanostructured Silver/Conjugated Polymer Composites, *J. Polym. Sci., Part A: Polym. Chem.*, 49, 3387 (2011)
1812. Stojković I., Cvjetičanin N., Mitrić M., Mentus S., Electrochemical properties of nanostructured $\text{Li}_{1.2}\text{V}_3\text{O}_8$ in aqueous LiNO_3 solution, *Electrochim. Acta*, 56, 6469 (2011)
1813. Ranković R., Jerosimić S., Perić M., Theoretical investigation of vibronic and spin-orbit effects in the ground $X^2\Pi_u$ electronic state of the dicyanoacetylene cation, *J. Chem. Phys.*, 135, 024314 (2011)
1814. Stanisavljev D. R., Milenković M. C., Mojović M. D., Popović-Bijelić A. D., Oxygen Centered Radicals in Iodine Chemical Oscillators, *J. Phys. Chem. A*, 115, 7955 (2011)
1815. Janković B., Smiciklas I., The non-isothermal combustion process of hydrogen peroxide treated animal bones. Kinetic analysis, *Thermochim. Acta*, 521, 130 (2011)
1816. Jelić D., Tomić-Tucaković B., Mentus S., A kinetic study of copper(II) oxide powder reduction with hydrogen, based on thermogravimetry, *Thermochim. Acta*, 521, 211 (2011)
1817. Stević M. C., Ignjatović L. M., Ćirić-Marjanović G., Stanišić S. M., Stanković D. M., Zima J., Voltammetric Behaviour and Determination of 8-Hydroxyquinoline Using a Glassy Carbon Paste Electrode and the Theoretical Study of its Electrochemical Oxidation Mechanism, *Int. J. Electrochem. Sc.*, 6, 2509 (2011)
1818. Marjanović B., Juranić I., Ćirić-Marjanović G., Pašti I., Trchova M., Holler P., Chemical oxidative polymerization of benzocaine, *React. Funct. Polym.*, 71, 704 (2011)
1819. Lazarević N., Adnađević B., Jovanović J., Adsorption of nicotine from aqueous solution onto hydrophobic zeolite type USY, *Appl. Surf. Sci.*, 257, 8017 (2011)
1820. Rakić A., Bajuk-Bogdanović D., Mojović M., Ćirić-Marjanović G., Milojević-Rakić M., Mentus S., Marjanović B., Trchova M., Stejskal J., Oxidation of aniline in dopant-free template-free dilute reaction media, *Mater. Chem. Phys.*, 127, 501 (2011)
1821. Gavrilović A., Rafailović L. D., Minić D. M., Wosik J., Angerer P., Minić D. M., Influence of thermal treatment on structure development and mechanical properties of amorphous $\text{Fe}_{73.5}\text{Cu}_1\text{Nb}_3\text{Si}_{15.5}\text{B}_7$ ribbon, *J. Alloy Compd.*, 509, S119 (2011)

1822. Stanišić S. M., Ignjatović L. M., Manojlović D. D., Dojčinović B. P., The comparison of sample extraction procedures for the determination of cations in soil by IC and ICP-AES, *Cent. Eur. J. Chem.*, 9, 481 (2011)
1823. Cekić-Lasković I., Marković R., Minić D. M., Volanschi E., Reactivity of substituted 4-oxothiazolidine derivatives in electron transfer reactions: A spectroelectrochemical study and mechanistic aspects, *Electrochim. Acta*, 56, 5257 (2011)
1824. Minić D. G., Blagojević V. A., Mihajlović L. E., Ćosović V. R., Minić D. M., Kinetics and mechanism of structural transformations of $\text{Fe}_{75}\text{Ni}_2\text{Si}_8\text{B}_1\text{C}_2$ amorphous alloy induced by thermal treatment, *Thermochim. Acta*, 519, 83 (2011)
1825. Janković B., Thermal degradation process of the cured phenolic triazine thermoset resin (Primaset (R) PT-30). Part I. Systematic non-isothermal kinetic analysis, *Thermochim. Acta*, 519, 114 (2011)
1826. Jugović D., Mitrić M., Kuzmanović M., Cvjetičanin N., Skapin S., Cekić B., Ivanovski V., Uskoković D., Preparation of LiFePO_4/C composites by co-precipitation in molten stearic acid, *J. Power Sources*, 196, 4613 (2011)
1827. Georgijević R., Mentus S., The synthesis of tungsten trioxide gel by hydrogen peroxide and its transformations during the heat treatment in oxidation and reduction atmospheres, *Hem. Ind.*, 65, 279 (2011)
1828. Vujković M., Cvjetičanin N., Gavrilov N., Stojković I., Mentus S., Electrochemical behavior of nanostructured MnO_2/C (Vulcan (R)) composite in aqueous electrolyte LiNO_3 , *Hem. Ind.*, 65, 287 (2011)
1829. Mutić J., Manojlović D., Kovačević R., Trifunović J., Amaizah N. R., Ignjatović L., Feasibility of the internal standardization in direct determination of arsenic in wine samples by inductively coupled plasma atomic emission spectrometry, *Microchem. J.*, 98, 11 (2011)
1830. Tuvic T., Pašti I., Mentus S. V., A rotating tungsten disc electrode in concentrated strong alkaline solutions: An electroanalytical aspect, *J. Electroanal. Chem.*, 654, 102 (2011)
1831. Ristić M. M., Poparić G. B., Belić D. S., Excitation of the $a^3\Pi$ state of CO by electron impact, *Phys. Rev. A*, 83, 042714 (2011)
1832. Marjanović B., Juranić I., Ćirić-Marjanović G., Revised Mechanism of Boyland-Sims Oxidation, *J. Phys. Chem. A*, 115, 3536 (2011)
1833. Etinski M., Tatches J., Marian C. M., Time-dependent approaches for the calculation of intersystem crossing rates, *J. Chem. Phys.*, 134, 154105 (2011)
1834. Janković B., Adnađević B., Jovanović J., The comparative kinetic study of non-isothermal and isothermal dehydration of swollen poly(acrylic acid) hydrogel using the Weibull probability function, *Chem. Eng. Res. Des.*, 89, 373 (2011)

1835. Damjanović L., Holdajtner-Antunović I., Mioč U. B., Bikić V., Milovanović D., Evans I. R., Archaeometric study of medieval pottery excavated at Stari (Old) Ras, Serbia, *J. Archaeol. Sci.*, 38, 818 (2011)
1836. Stojadinović S., Vasilić R., Nedić Z., Kasalica B., Belča I., Zeković L., Photoluminescent properties of barrier anodic oxide films on aluminum, *Thin Solid Films*, 519, 3516 (2011)
1837. Gavrilov N., Dašić-Tomić M., Pašti I., Ćirić-Marjanović G., Mentus S., Carbonized polyaniline nanotubes/nanosheets-supported Pt nanoparticles: Synthesis, characterization and electrocatalysis, *Mater. Lett.*, 65, 962 (2011)
1838. Stanisavljev D. R., Milenković M. C., Mojović M. D., Popović-Bijelić A. D., A Potential Source of Free Radicals in Iodine-Based Chemical Oscillators, *J. Phys. Chem. A*, 115, 2247 (2011)
1839. Šećerov B., Daković M., Borojević N., Bačić G., Dosimetry using HS GafChromic films the influence of readout light on sensitivity of dosimetry, *Nucl. Instrum. Meth. A*, 633, 66 (2011)
1840. Lavrnić D., Daković M., Perić S., Rakocević-Stojanović V., Basta I., Marjanović I., Stošić-Opincal T., Lavrnić S., Proton magnetic resonance spectroscopy of the intrinsic tongue muscles in patients with myasthenia gravis with different autoantibodies, *J. Neurol. Sci.*, 302, 25 (2011)
1841. Spasojević P., Adnađević B., Veličković S., Jovanović J., Influence of Microwave Heating on the Polymerization Kinetics and Application Properties of the PMMA Dental Materials, *J. Appl. Polym. Sci.*, 119, 3598 (2011)
1842. Bataveljić D., Stamenković S., Bačić G., Anđus P. R., Imaging cellular markers of neuroinflammation in the brain of the rat model of amyotrophic lateral sclerosis, *Acta Physiol. Hung.*, 98, 27 (2011)
1843. Krajišnik D., Daković A., Milojević M., Malenović A., Kragović M., Bogdanović D. B., Dondur V., Milić J., Properties of diclofenac sodium sorption onto natural zeolite modified with cetylpyridinium chloride, *Colloid Surface B*, 83, 165 (2011)
1844. Minić D. M., Minić D. M., Zak T., Roupčova P., David B., Structural transformations of Fe₈₁B₁₃Si₄C₂ amorphous alloy induced by heating, *J. Magn. Magn. Mater.*, 323, 400 (2011)
1845. Adnađević B., Jovanović J., Lazarević N., Kinetics Study of Isothermal Nicotine Release from Poly(acrylic acid) Hydrogel, *J. Appl. Polym. Sci.*, 119, 1805 (2011)
1846. Damjanović L., Majchrzak M., Bennici S., Aurox A., Determination of the heat evolved during sodium borohydride hydrolysis catalyzed by Co(3)O(4), *Int. J. Hydrogen. Energ.*, 36, 1991 (2011)
1847. Stojanović L., Jerosimić S., Perić M., An ab initio study on the ground and low-lying doublet electronic states of linear C₂As, *Chem. Phys.*, 379, 57 (2011)
1848. Cekić-Lasković I., Marković R., Minić D. M., Volanschi E., Electrochemical reduction of (5-etoxy carbonylmethylidene-4-oxothiazolidine-2-ylidene)-N-phenylethanone in aprotic medium: A spectroelectrochemical approach, *J. Electroanal. Chem.*, 651, 50 (2011)

1849. Adnađević B., Tasić G., Jovanović J., Kinetic of non-isothermal dehydration of equilibrium swollen poly(acrylic acid-co-methacrylic acid) hydrogel, *Thermochim. Acta*, 512, 157 (2011)
1850. Adnađević B., Jovanović J., Hydrogel Synthesis Directed Toward Tissue Engineering: Impact of Reaction Condition on Structural Parameters and Macroscopic Properties of Xerogels, *Int. J. Polym. Sci.*, 343062 (2011)
1851. Petrović S. P., Vuković Z. M., Novaković T. B., Nedić Z. P., Rozić L. S., Fractal analysis of bentonite modified with heteropoly acid using nitrogen sorption and mercury intrusion porosimetry, *J. Serb. Chem. Soc.*, 76, 1403 (2011)
1852. Anđelković I., Manojlović D. D., Đorđević D., Dojcinović B., Roglić G., Ignjatović L., Arsenic removal from aqueous solutions by sorption onto zirconium- and titanium-modified sorbents, *J. Serb. Chem. Soc.*, 76, 1427 (2011)
1853. Maksimović J. P., Čupić Z. D., Lončarević D., Pejić N., Vasiljević-Radović D., Anić S., Kinetics of the Bray-Liebhafsky Oscillatory Reaction Perturbed by Polymer Supported Cobalt Catalyst, *Sci. Sinter.*, 43, 55 (2011)
1854. Baros Z. Z., Adnađević B. K., Pavlović V. B., Isothermal Kinetics of Titanium-oxo-alkoxy Clusters Formation, *Sci. Sinter.*, 43, 95 (2011)
1855. Dustebek J., Veličković S., Jerosimić S., Veljković M., Mass spectrometric study of the structures and ionization potential of Linl ($n=2, 4, 6$) clusters, *J. Anal. Atom Spectrom.*, 26, 1641 (2011)
1856. Spasojević I., Mojović M., Ignjatović A., Bačić G., The role of EPR spectroscopy in studies of the oxidative status of biological systems and the antioxidative properties of various compounds, *J. Serb. Chem. Soc.*, 76, 647 (2011)
1857. Stanišić S. M., Ignjatović L. M., Stević M. C., Đorđević A. R., A comparison of sample extraction procedures for the determination of inorganic anions in soil by ion chromatography, *J. Serb. Chem. Soc.*, 76, 769 (2011)
1858. Senčanski M. V., Radić-Perić J., Perić M., On the relationship between molecular spectroscopy and statistical mechanics: calculation of partition functions for triatomic molecules undergoing large-amplitude bending vibrations, *J. Serb. Chem. Soc.*, 76, 539 (2011)
1859. Senčanski M. V., Stojanović L., Jerosimić S., Radić-Perić J., Perić M., On the relationship between molecular spectroscopy and statistical mechanics: calculation of vibrational-rotational energy levels and partition functions in the ground electronic state of BC₂, *J. Serb. Chem. Soc.*, 76, 557 (2011)
1860. Marković J. M. D., Marković Z. S., Brdarić T. P., Filipović N. D., Comparative spectroscopic and mechanistic study of chelation properties of fisetin with iron in aqueous buffered solutions. Implications on in vitro antioxidant activity, *Dalton T.*, 40, 4560 (2011)

1861. Ristić G. S., Bogdanov Z. D., Trtica M. S., Miljanić S. S., Diamond deposition on thin cylindrical substrates, *J. Serb. Chem. Soc.*, 76, 407 (2011)
1862. Maksimović J. P., Kolar-Anić L. Z., Anić S. R., Ribić D. D., Pejić N. D., Quantitative Determination of Some Water-Soluble B Vitamins by Kinetic Analytical Method Based on the Perturbation of an Oscillatory Reaction, *J. Brazil. Chem. Soc.*, 22, 38 (2011)
1863. Šljukić B. R., Kadara R. O., Banks C. E., Disposable manganese oxide screen printed electrodes for electroanalytical sensing, *Anal. Methods*, 3, 105 (2011)
1864. Čučulović A., Čučulović R., Antić T. C., Veselinović D., Mosses as biomonitors for radioactivity following the Chernobyl accident, *Arch. Biol. Sci.*, 63, 1117 (2011)
1865. Džambaski Z., Stojanović M., Baranac-Stojanović M., Minić D. M., Marković R., Thermal solid-state Z/E isomerization of 2-alkylidene-4-oxothiazolidines: effects of non-covalent interactions, *J. Serb. Chem. Soc.*, 76, 317 (2011)
1866. Etinski M., The role of Duschinsky rotation in intersystem crossing: a case study of uracil, *J. Serb. Chem. Soc.*, 76, 1649 (2011)
1867. Damjanović B., Petrović B., Dimitrić-Marković J., Petković M., Comparison of MALDI-TOF mass spectra of [PdCl(dien)]Cl and [Ru(en)(2)Cl-2]Cl acquired with different matrices, *J. Serb. Chem. Soc.*, 76, 1687 (2011)
1868. Popa A., Sasca V., Kiss E. E., Marinković-Nedučin R., Holclajtner-Antunović I., Mesoporous silica directly modified by incorporation or impregnation of some heteropolyacids: Synthesis and structural characterization, *Mater. Res. Bull.*, 46, 19 (2011)
1869. Ivanović-Šašić A. Z., Marković V. M., Anić S. R., Kolar-Anić L. Z., Čupić Z. D., Structures of chaos in open reaction systems, *Phys. Chem. Chem. Phys.*, 13, 20162 (2011)
1870. Popović-Bijelić A., Kowol C. R., Lind M. E., Luo J., Himo F., Enyedy E. A., Arion V. B., Gräslund A., Ribonucleotide reductase inhibition by metal complexes of Triapine (3-aminopyridine-2-carboxaldehyde thiosemicarbazone): a combined experimental and theoretical study, *J. Inorg. Biochem.*, 105, 1422 (2011)
1871. Heffeter P., Popović-Bijelić A., Saiko P., Dornetshuber R., Jungwirth U., Voevodskaya N., Biglino D., Jakupec M. A., Elbling L., Micksche M., Szekeres T., Keppler B. K., Gräslund A., Berger W., Ribonucleotide Reductase as One Important Target of [Tris(1,10-phenanthroline)lanthanum(III)] trithiocyanate (KP772), *Curr. Cancer Drug Targets*, 9, 595 (2011)
1872. Jovanović S., Marković Z., Kleut D., Tošić D., Kević D., Marinović-Cincović M., Holclajtner-Antunović I., Todorović-Marković B., Kovalentna modifikacija jednoslojnih ugljeničnih nanotuba u vodenoj sredini delovanjem gama zračenja, *Hem. Ind.*, 65, 479 (2011)
1873. Laher R. R., Khakoo, A., Kuzmanović M., Bojović, V. Antić-Jovanović A., Radiative transition parameters of the $^{107,109}\text{Ag}_2\text{C}^{\text{I}}\Pi\text{-X}^{\text{I}}\Sigma$ band system, *J. Quantitative Spectrosc. Rad. Transfer*, 112, 786 (2011)

1874. Stojković, I., Cvjetićanin, N., Mentus, S., Improvement of the cycle life of composite xerogel V_2O_5/C in aqueous $LiNO_3$ solution by addition of vinylene carbonate, *Russ. J. Phys. Chem. A*, 85, 2344 (2011)
1875. Šljukić B., Stojković, I., Cvjetićanin, N., Ćirić-Marjanović G., Hydrogen peroxide sensing at MnO_2 /carbonized nanostructured polyaniline electrode, *Russ. J. Phys. Chem. A*, 85, 2406 (2011)
1876. Čupić Ž., Marković V., Ivanović A., Kolar-Anić Lj., Modeling of the Complex Nonlinear Processes: Determination of the Instability Region by the Stoichiometric Network Analysis In: Christopher R. Brennan, Ed. *Mathematical Modelling*, Nova Science Publishers Inc., New York, 111 (2011)
1877. Gavrilov N., Pašti I. A., Mitrić M., Travas-Sejdić J., Ćirić-Marjanović G., Mentus S. V.,
1878. Electrocatalysis of oxygen reduction reaction on polyaniline-derived nitrogen-doped carbon nanoparticle surfaces in alkaline media, *J. Power Sources*, 220, 306 (2012)
1879. Blagojević V. A., Vasić M., Minić D. M., Minić D. M., Kinetics and thermodynamics of thermally induced structural transformations of amorphous $Fe_{75}Ni_2Si_8B_{13}C_2$ alloy, *Thermochim. Acta*, 549, 35 (2012)
1880. Pavićević A., Glumac S., Sopta J., Popović-Bijelić A., Mojović M., Bačić G., Raman microspectroscopy as a biomarking tool for in vitro diagnosis of cancer: a feasibility study, *Croat. Med. J.*, 53, 551 (2012)
1881. Marković Z., Milenković D., Dorović J., Marković J. M. D., Stepanić V., Lucić B., Amiđ D., Free radical scavenging activity of morin 2'-O-phenoxide anion, *Food Chem.*, 135, 2070 (2012)
1882. Lazarević-Pašti T. D., Bondžić A. M., Pašti I. A., Vasić V. M., Indirect electrochemical oxidation of organophosphorous pesticides for efficient detection via acetylcholinesterase test, *Pestic. Biochem. Phys.*, 104, 236 (2012)
1883. Pašti I. A., Gavrilov N. M., Mentus S. V., Potentiodynamic Investigation of Oxygen Reduction Reaction on Polycrystalline Platinum Surface in Acidic Solutions: the Effect of the Polarization Rate on the Kinetic Parameters, *Int. J. Electrochem. Sc.*, 7, 11076 (2012)
1884. Janković B., Stopić S., Guven A., Friedrich B., The application of the formalism of dispersive kinetics for investigation of the isothermal decomposition of zinc leach residue in an inert atmosphere, *Thermochim. Acta*, 546, 102 (2012)
1885. Marković Z., Milenković D., Dorović J., Marković J. M. D., Stepanić V., Lučić B., Amiđ D., PM6 and DFT study of free radical scavenging activity of morin, *Food Chem.*, 134, 1754 (2012)
1886. Potkonjak N. I., Veselinović D. S., Novaković M. M., Gorjanović S. Z., Pezo L. L., Suznjević D. Z., Antioxidant activity of propolis extracts from Serbia: A polarographic approach, *Food Chem. Toxicol.*, 50, 3614 (2012)

1887. Marković Z., Kepić D., Holclajtner-Antunović I., Nikolić M., Dramičanin M., Cincović M. M., Marković B. T., Raman study of single wall carbon nanotube thin films treated by laser irradiation and dynamic and isothermal oxidation, *J. Raman Spectrosc.*, 43, 1413 (2012)
1888. Brdarić T. P., Marković Z. S., Milenković D., Marković J. M. D., A joint application of vibrational spectroscopic and quantum mechanical methods in quantitative analysis of baicalein structure, *Monath Chem.*, 143, 1369 (2012)
1889. Kleut D., Jovanović S., Marković Z., Kepić D., Tošić D., Romčević N., Marinović-Cincović M., Dramičanin M., Holclajtner-Antunović I., Pavlović V., Dražić G., Milosavljević M., Marković B. T., Comparison of structural properties of pristine and gamma irradiated single-wall carbon nanotubes: Effects of medium and irradiation dose, *Mater. Charact.*, 72, 37 (2012)
1890. Kovač J. D., Daković M., Stanisavljević D., Alempijević T., Ješić R., Seferović P., Maksimović R., Diffusion-weighted MRI versus transient elastography in quantification of liver fibrosis in patients with chronic cholestatic liver diseases, *Eur. J. Radiol.*, 81, 2500 (2012)
1891. Stojadinović S., Vasilić R., Petković M., Belča I., Kasalica B., Perić M., Zeković L. Luminescence during the anodization of zirconium, *Electrochim. Acta*, 79, 133 (2012)
1892. Ristić M. M., Vojnović M., Poparić G. B., Belić D. S., Rate coefficients for electron impact excitation of the $a(3)\Pi$ state of CO, *Chem. Phys.*, 405, 16 (2012)
1893. Janković B., Marinović-Cincović M., Jovanović V., Samarzija-Jovanović S., Marković G., The comparative kinetic analysis of non-isothermal degradation process of acrylonitrile-butadiene and ethylene-propylene-diene rubber compounds. Part I, *Thermochim. Acta*, 543, 295 (2012)
1894. Janković B., Marinović-Cincović M., Jovanović V., Samarzija-Jovanović S., Marković G., The comparative kinetic analysis of non-isothermal degradation process of acrylonitrile-butadiene/ethylene-propylene-diene rubber blends reinforced with carbon black/silica fillers. Part II, *Thermochim. Acta*, 543, 304 (2012)
1895. Macesić S., Čupić Z., Kolar-Anić L., Model of a nonlinear reaction system with autocatalysis and autoinhibition: Stability of dynamic states, *Hem. Ind.*, 66, 637 (2012)
1896. Čučulović A. A., Veselinović D. S., Miljanić Š. S., Influence of acid rain components on radiocesium-137 desorption from *Cetraria islandica* (L.) Ach. Lichen, *Hem. Ind.*, 66, 701 (2012)
1897. Minić D. M., Blagojević V. A., Minić D. M., Influence of thermal treatment on structure and properties of $\text{Fe}_{75}\text{Ni}_2\text{Si}_8\text{B}_{13}\text{C}_2$ amorphous alloy, *Hem. Ind.*, 66, 769 (2012)
1898. Cekić-Lasković I., Marković R., Minić D. M., Volanschi E., Redox behaviour of (Z)-2-(5-ethoxycarbonylmethyl-N-methyl-4-oxothiazolidin-2-ylidene)-1-phenylethanone in aprotic medium: Spectroelectrochemical study and theoretical modeling, *Electrochim. Acta*, 78, 251 (2012)

1899. Radoičić M., Šaponjić Z., Ćirić-Marjanović G., Konstantinović Z., Mitrić M., Nedeljković J., Ferromagnetic polyaniline/TiO₂ nanocomposites, *Polym. Compos.*, 33, 1482 (2012)
1900. Minić D. M., Blagojević V. A., Minić D. M., David B., Pizurova N., Zak T., Nanocrystal Growth in Thermally Treated Fe₇₅Ni₂Si₈B₁₃C₂ Amorphous Alloy, *Metell. Mater. Trans. A*, 43A, 3062 (2012)
1901. Stojanović Lj. Theoretical Study of Hyperfine Interactions in Small Arsenic-Containing Radicals, *J. Phys. Chem. A*, 116, 8624 (2012)
1902. Tomić-Tucaković B., Majstorović D., Jelić D., Mentus S., Thermogravimetric study of the kinetics of Co₃O₄ reduction by hydrogen, *Thermochim. Acta*, 541, 15 (2012)
1903. Pejić N. D., Maksimović J. P., Blagojević S. M., Anić S. R., Čupić Z. D., Kolar-Anić L. Z., Kinetic Analytical Method for Determination of Uric Acid in Human Urine using Analyte Pulse Perturbation Technique, *J. Brazil. Chem. Soc.*, 23, 1450 (2012)
1904. Gavrilov N. M., Pašti I. A., Ćirić-Marjanović G., Nikolić V. M., Kaninski M. P. M., Miljanić S. S., Mentus S. V., Nanodispersed Platinum on Chemically Treated Nanostructured Carbonized Polyaniline as a New PEMFC Catalysts, *Int. J. Electrochem. Sc.*, 7, 6666 (2012)
1905. Holclajtner-Antunović I., Bajuk-Bogdanović D., Bikić V., Marić-Stojanović M., Micro-Raman and infrared analysis of medieval pottery findings from Branicevo, Serbia, *J. Raman Spectrosc.*, 43, 1101 (2012)
1906. Ristović M. S., Pavlović M. G., Zlatar M., Blagojević V., Anđelković K., Poleti D., Minić D. M., Kinetics, mechanism, and DFT calculations of thermal degradation of a Zn(II) complex with N-benzoyloxycarbonylglycinato ligands, *Monatsh. Chem.*, 143, 1133 (2012)
1907. Gavrilov N., Pašti I. A., Vujković M., Travas-Sejdić J., Ćirić-Marjanović G., Mentus S. V., High-performance charge storage by N-containing nanostructured carbon derived from polyaniline, *Carbon*, 50, 3915 (2012)
1908. Tošić D., Marković Z., Dрамиšanić M., Holclajtner-Antunović I., Jovanović S., Milosavljević M., Pantić J., Marković B. T., Gamma ray assisted fabrication of fluorescent oligographene nanoribbons, *Mater. Res. Bull.*, 47, 1996 (2012)
1909. Đurasković P., Tošić I., Unkasević M., Ignjatović L., Đorđević D., The dominant contribution on wet deposition of water-soluble main ions in the South-Eastern Adriatic region, *Cent. Eur. J. Chem.*, 10, 1301 (2012)
1910. Malisic M., Janošević A., Paunković B. S., Stojković I., Ćirić-Marjanović G., Exploration of MnO₂/carbon composites and their application to simultaneous electroanalytical determination of Pb(II) and Cd(II), *Electrochim. Acta*, 74, 158 (2012)
1911. Stević M. C., Ignjatović L. M., Ćirić-Marjanović G., Marjanović B., Barek J., Zima J., Electrochemical oxidation of 6-hydroxyquinoline on a glassy carbon paste electrode: Voltammetric and computational study, *J. Electroanal. Chem.*, 677, 69 (2012)

1912. Savović J., Pavlović M. S., Stojković M., Kuzmanović M., Momčilović M., Vasić V., Modelling the position of analyte emission maxima in low temperature direct current arc plasma using statistical procedures, *Spectrochim. Acta B*, 73, 62 (2012)
1913. Janković B., Marinović-Cincović M., Jovanović V., Samaržija-Jovanović S., Marković G., Kinetic analysis of nonisothermal degradation of acrylonitrile-butadiene/ethylene-propylene-diene rubber blends reinforced with carbon black filler, *Polym. Composite.*, 33, 1233 (2012)
1914. Nastasijević B., Lazarević-Pašti T., Dimitrijević-Branković S., Pašti I., Vujačić A., Joksić G., Vasić V., Inhibition of myeloperoxidase and antioxidative activity of *Gentiana lutea* extracts, *J. Pharmaceut. Biomed.*, 66, 191 (2012)
1915. Popa A., Sasca V., Holclajtner-Antunović I., The influence of surface coverage on textural, structural and catalytic properties of cesium salts of 12-molybdophosphoric acid supported on SBA-15 mesoporous silica, *Micropor. Mesopor. Mat.*, 156, 127 (2012)
1916. Milenković M. C., Stanisavljev D. R., Role of Free Radicals in Modeling the Iodide Peroxide Reaction Mechanism, *J. Phys. Chem. A*, 116, 5541 (2012)
1917. Marković Z. M., Babić B. M., Dramičanin M. D., Holclajtner-Antunović I. D., Pavlović V. B., Perusko D. B., Marković B. M. T., Preparation of highly conductive carbon cryogel based on pristine grapheme, *Synthetic Met.*, 162, 743 (2012)
1918. Janošević A., Ćirić-Marjanović G., Šljukić-Paunković B., Pašti I., Trifunović S., Marjanović B., Stejskal J., Simultaneous oxidation of aniline and tannic acid with peroxydisulfate: Self-assembly of oxidation products from nanorods to microspheres, *Synth. Met.*, 162, 843 (2012)
1919. Ignjatović A., Stević Z., Lavrnić D., Nikolić-Kokić A., Blagojević D., Spasić M., Spasojević I., Inappropriately chelated iron in the cerebrospinal fluid of amyotrophic lateral sclerosis patients, *Int. Congr. Ser.*, 13, 357 (2012)
1920. Minić D. M., Blagojević V. A., David B., Pizurova N., Zak T., Minić D. M., Influence of thermal treatment on microstructure of $\text{Fe}_{75}\text{Ni}_{2}\text{Si}_8\text{B}_{13}\text{C}_2$ amorphous alloy, *Intermetallics*, 25, 75 (2012)
1921. Đikanović D., Simonović J., Savić A., Ristić I., Bajuk-Bogdanović D., Kalauzi A., Cakić S., Budinski-Simendić J., Jeremić M., Radotić K., Structural Differences Between Lignin Model Polymers Synthesized from Various Monomers, *J. Polym. Environ.*, 20, 607 (2012)
1922. Minić D. M., Blagojević V. A., Maričić A. M., Zak T., Minić D. M., Influence of structural transformations on functional properties of $\text{Fe}_{75}\text{Ni}_{2}\text{Si}_8\text{B}_{13}\text{C}_2$ amorphous alloy, *Mater. Chem. Phys.*, 134, 111 (2012)
1923. Mentus S., Abu Rabi A., Jasin D., Oxygen reduction on potentiodynamically formed Pd/TiO_2 composite electrodes, *Electrochem. Acta*, 69, 174 (2012)
1924. Hercigonja R., Rac V., Rakić V., Auroux A., Enthalpy-entropy compensation for n-hexane adsorption on HZSM-5 containing transition metal ions, *J. Chem. Thermodyn.*, 48, 112 (2012)

1925. Marković Z. S., Marković S., Dimitrić Marković J. M. D., Milenković D., Structure and reactivity of baicalein radical cation, *Int. J. Quantum. Chem.*, 112, 2009 (2012)
1926. Savić A. G., Mojović M., Free Radicals Identification from the Complex EPR Signals by Applying Higher Order Statistics, *Anal. Chem.*, 84, 3398 (2012)
1927. Maksimović J. D., Mojović M., Maksimović V., Romheld V., Nikolić M., Silicon ameliorates manganese toxicity in cucumber by decreasing hydroxyl radical accumulation in the leaf apoplast, *J. Exp. Bot.*, 63, 2411 (2012)
1928. Banković P., Milutinović-Nikolić A., Mojović Z., Jović-Jovičić N., Zunić M., Dondur V., Jovanović D., Al,Fe-pillared clays in catalytic decolorization of aqueous tartrazine solutions, *Appl. Clay Sci.*, 58, 73 (2012)
1929. Janković M. M., Janković B. Z., Todorović D. J., Ignjatović L. M., Tritium concentration analysis in atmospheric precipitation in Serbia, *J. Environ. Sci. Heal. A*, 47, 669 (2012)
1930. Adnađević B. K., Jovanović J. D., Kinetics of Isothermal Ethanol Adsorption onto a Carbon Molecular Sieve under Conventional and Microwave Heating, *Chem. Eng. Technol.*, 35, 761 (2012)
1931. Milošević S., Stojković I., Kurko S., Novaković J. G., Cvjetičanin N., The simple one-step solvothermal synthesis of nanostructured VO₂(B), *Ceram Int.*, 38, 2313 (2012)
1932. Adnađević B. K., Jovanović J. D., A comparative kinetics study on the isothermal heterogeneous acid-catalyzed hydrolysis of sucrose under conventional and microwave heating, *J. Mol. Catal. A – Chem.*, 356, 70 (2012)
1933. Janošević A., Pašti I., Gavrilov N., Mentus S., Krstić J., Mitrić M., Travas-Sejdić J., Ćirić-Marjanović G., Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties, *Micropor. Mesopor. Mat.*, 152, 50 (2012)
1934. Maksin D. D., Nastasović A. B., Milutinović-Nikolić A. D., Surucić L. T., Sandić Z. P., Hercigonja R. V., Onjia A. E., Equilibrium and kinetics study on hexavalent chromium adsorption onto diethylene triamine grafted glycidyl methacrylate based copolymers, *J. Hazard. Mater.*, 209, 99 (2012)
1935. Holclajtner-Antunović I., Bajuk-Bogdanović D., Popa A., Uskoković-Marković S., Spectroscopic identification of molecular species of 12-tungstophosphoric acid in methanol/water solutions, *Inorg. Chim. Acta*, 383, 26 (2012)
1936. Etinski M. R., Investigation of the spin-forbidden process in thymine, *Hem. Ind.*, 66, 165 (2012)
1937. Minić D. M., Šumar-Ristović M. T., Miodragović D. U., Anđelković K. K., Poleti D., Kinetics and mechanism of degradation of Co(II)-N-benzyloxycarbonylglycinato complex, *Therm. Anal. Calorim.*, 107, 1167 (2012)

1938. Jugović D., Mitrić M., Kuzmanović M., Cvjetičanin N., Marković S., Skapin S., Uskoković D., Rapid crystallization of LiFePO_4 particles by facile emulsion-mediated solvothermal synthesis, *Powder Technol.*, 219, 128 (2012)
1939. Stojadinović S., Perić M., Radić-Perić J., Vasilić R., Petković M., Zeković L., Luminescence of the $\text{B}^{-1}\Sigma^+ - \text{X}^{-1}\Sigma^+$, band system of MgO during plasma electrolytic oxidation of magnesium alloy, *Surf. Coat. Tech.*, 206, 2905 (2012)
1940. Gizdavić-Nikolaidis M. R., Jevremović M., Stanisavljev D. R., Zujović Z. D., Enhanced Microwave Synthesis: Fine-Tuning of Polyaniline Polymerization, *J. Phys. Chem. C*, 116, 3235 (2012)
1941. Petrović S., Rozić L., Vuković Z., Novaković T., Stanisavljev D., Response surface optimization for activation of bentonite using microwave irradiation, *Clay Clay Miner.*, 60, 32 (2012)
1942. Maričić A. M., Minić D. M., Blagojević V. A., Kalezić-Glišović A., Minić D. M., Effect of structural transformations preceding crystallization on functional properties of $\text{Fe}_{73.5}\text{Cu}_1\text{Nb}_3\text{Si}_{15.5}\text{B}_7$ amorphous alloy, *Intermetallics*, 21, 45 (2012)
1943. Pašti I. A., Lazarević-Pašti T., Mentus S. V., Switching between voltammetry and potentiometry in order to determine H^+ or OH^- ion concentration over the entire pH scale by means of tungsten disk electrode, *J. Electroanal. Chem.*, 665, 83 (2012)
1944. Hercigonja R. V., Maksin D. D., Nastasović A. B., Trifunović S. S., Glodić P. B., Onjia A. E., Adsorptive Removal of Technetium-99 Using Macroporous Poly(GMA-co-EGDMA) Modified with Diethylene Triamine, *J. Appl. Polym. Sci.*, 123, 1273 (2012)
1945. Petković M., O-H Stretch in Phenol and Its Hydrogen-Bonded Complexes: Band Position and Relaxation Pathways, *J. Phys. Chem. A*, 116, 364 (2012)
1946. Prokić B. B., Bačić G., Prokić B., Kalijadis A., Todorović V., Puskas N., Vidojević D., Lausević M., Lausević Z., In vivo MRI biocompatibility evaluation of functionalized carbon fibers in reaction with soft tissues, *Acta Vet. – Beograd*, 62, 683 (2012)
1947. Ranković R., Stojadinović S., Sarvan M., Kasalica B., Krmar M., Radić-Perić J., Perić M., A multidisciplinary study on magnesium, *J. Serb. Chem. Soc.*, 77, 1483 (2012)
1948. Pavun L. A., Marković J. M. D., Đurđević P. T., Jelikić-Stankov M. D., Đikanović D. B., Ćirić A. R., Malešev D. L., Development and validation of a fluorometric method for the determination of hesperidin in human plasma and pharmaceutical forms, *J. Serb. Chem. Soc.*, 77, 1625 (2012)
1949. Pohler L., Kleinschmidt M., Etinski M., Marian C. M., In search of the dark state of 5-methyl-2-hydroxypyrimidine using a numerical DFT/MRCI gradient, *Mol. Phys.*, 110, 2429 (2012)
1950. Stanišić S. M., Ignjatović L. M., Anđelković I., Stević M. C., Tasić A. M., Biserčić M. S., Ultrasound-assisted extraction of matrix elements and heavy metal fractions associated with Fe, Al and Mn oxyhydroxides from soil, *J. Serb. Chem. Soc.*, 77, 1287 (2012)

1951. Stević M. C., Ćirić-Marjanović G., Marjanović B., Ignjatović L. M., Manojlović D., The Electrochemical Oxidation of 6-Aminoquinoline: Computational and Voltammetric Study, *J. Electrochem. Soc.*, 159, G151 (2012)
1952. Ristić M. M., Petković M., Etinski M., Quantum-chemical investigation of the photoproduct of the reaction of two 1-methylthymine molecules: the pyrimidine(6-4)pyrimidone adduct, *J. Serb. Chem. Soc.*, 77, 1037 (2012)
1953. Čučulović A., Čučulović R., Sabovljević M., Veselinović D., Activity concentrations of (Cs)-C-137 and K-40 in mosses from spas in eastern Serbia, *Arch. Biol. Sci.*, 64, 917 (2012)
1954. Ristić G. S., Trtica M. S., Miljanić S. S., Diamond synthesis by lasers: recent progress, *Quim. Nova*, 35, 1417 (2012)
1955. Vasić M., Šljukić B., Wildgoose G. G., Compton R. G., Adsorption of bismuth ions on graphite chemically modified with gallic acid, *Phys. Chem. Chem. Phys.*, 14, 10027 (2012)
1956. Adnađević B. K., New technologies in the production of motor fuels from renewable materials, *Thermal Sci.*, 16, S87 (2012)
1957. Marković J. M. D., Marković Z. S., Pašti I. A., Brdarić T. P., Popović-Bijelić A., Mojović M., A joint application of spectroscopic, electrochemical and theoretical approaches in evaluation of the radical scavenging activity of 3-OH flavones and their iron complexes towards different radical species, *Dalton Trans.*, 41, 7295 (2012)
1958. Kepić D., Marković Z., Holclajtner-Antunović I., Nikolić M., Dramićanin M., Cincović M. M., Marković B. T., OPO laser light absorption and evolutionary behaviour of SWCNT thin films, *J. Optoelectron. Adv. M.*, 14, 95 (2012)
1959. Stojadinović S., Vasilić R., Petković M., Belča I., Kasalica B., Perić M., Zeković L. J., Luminescence during anodization of magnesium alloy AZ31, *Electrochim. Acta*, 59, 354 (2012)
1960. Marjanović B., Juranić I., Ćirić-Marjanović G., Mojović M., Pašti I., Janošević A., Trchova M., Holler P., Horsky J., Chemical oxidative polymerization of ethacridine, *React. Funct. Polym.*, 72, 25 (2012)
1961. Đorđević D., Mihajlidi-Zelić A., Relić D., Ignjatović L., Huremović J., Stortini A. M., Gambaro A., Size-segregated mass concentration and water soluble inorganic ions in an urban aerosol of the Central Balkans (Belgrade), *Atmos. Environ.*, 46, 309 (2012)
1962. Maksin D. D., Hercigonja R. V., Lazarević M. Z., Žunić M. J., Nastasović A. B., Modeling of kinetics of pertechnetate removal by amino-functionalized glycidyl methacrylate copolymer, *Polym. Bull.*, 68, 507 (2012)
1963. Leidel N., Popović-Bijelić A., Havelius K. G., Chernev P., Voevodskaya N., Gräslund A., Haumann M., High-valent [MnFe] and [FeFe] cofactors in ribonucleotide reductases, *Biochim. Biophys. Acta. – Bioenergetics*, 1817, 430 (2012)

1964. Banković P., Milutinović-Nikolić A. Mojović Z., Jovanović D., Dondur., V., Al, Fe-pillared clays in catalytic decoloriyation of aqueous tartrayine solutions, *Appl. Clay Scie.*, 58, 73 (2012)
1965. Andersson C.S., Öhrström M., Popović-Bijelić A., Gräslund A., Stenmark P., Högbom M., The manganese ion of the heterodinuclear Mn/Fe cofactor in *Chlamydia trachomatis* ribonucleotide reductase R2c is located at metal position 1, *J. Am. Chem. Soc.*, 134, 123 (2012)
1966. Pavun L., Jelikić Stankov M., Malešev D., Uskoković-Marković S., Dimitrić Marković J., Đurđević P., Đikanović D., Fluorometric determination of hesperidin in orange juices available on Serbian market, *Acta Agriculturae Serbica*, 17, 93 (2012)
1967. Pejić N. D., Anić S. R., Kolar-Anić Lj. Z., Analytical Applications of Oscillatory Chemical Reactions: Determination of Some Pharmaceutically and Biologically Important Compounds, *Hem. Ind.*, 66, 153 (2012)
1968. Maćešić. S., Čupić Ž., Kolar-Anić Lj., Model of the nonlinear reaction system with autocatalysis and autoinhibition: Stability of dynamic states, *Hem. Ind.*, 66, 637 (2012)

KNJIGE NASTAVNIKA I SARADNIKA



1. Stojiljković M.M, Fizička Hemija (skripta), Litografisana predavanja prof. Dr M. Stojiljkovića (preštampana u tri izdanja) (str. 566, format vel. Tabak), Litografija K. Bojkovića (1924)
2. Savić P., Fizički praktikum za medicinare, Litografija Đurđević, Beograd (1936)
3. Stojiljković M.M., Koloidi i njihova primena, „Tehnička knjiga“, Beograd, (1958)
4. Šušić M. V., Uvod u elektrohemiju, Beograd (1963)
5. Egert J., Hok L., Švab G. M., Udžbenik fizičke hemije, 2. izd., Prevod: Ristić, S., Naučna knjiga, Beograd (1964)
6. Gleston S., Udžbenik fizičke hemije, Prevod Šušić M. V., Savić A., Naučna knjiga, Beograd (1967)
7. Veljković S., Hemijska kinetika, Građevinska knjiga, Beograd, 1969
8. Ribnikar S. V., Molekularni aspect fizičke hemije, BIGZ, Beograd, (1970)
9. Savić P., Od atoma do nebeskih tela, Kulturni centar, Novi Sad, (1970)
10. Šušić M. V., Elektrohemija, Beograd (1970)
11. Perić M., Radić-Perić J., Praktikum i zadaci iz atomistike, ICS Beograd (1976).
12. Vukanović V., Atomistika, Naučna knjiga, Beograd (1977)
13. Savić P., Od atoma do nebeskih tela. Poreklo rotacije nebeskih tela, II izdanje, Radn. Univ. „Radivoj Čirpanov“, Novi Sad (1978)
14. Mioč U., Tehnika fizičkohemijskog eksperimenta, za III razred usmerenog obrazovanja, Naučna knjiga, Beograd (1979)
15. Konjević R., Holclajtner-Antunović I., Hercigonja R., Kovačić N., Materijal za kolokvijume iz fizičke hemije za studente hemije, Stručni klub Sima Lozanić, Beograd (1979)
16. Antić-Jovanović A., Jeremić M., Spektrohemija za III razred srednjeg usmerenog obrazovanja Naučna knjiga, Beograd (1979)
17. Šušić M., Osnovi elektrohemije i elektrohemijske analize, Naučna knjiga, Beograd, (1980)
18. Mioč U., Tehnika fizičkohemijskog eksperimenta, za IV razred usmerenog obrazovanja, Naučna knjiga, Beograd 1980
19. Marković M., Perić M., Metode fizičkohemijske analize za IV razred usmerenog obrazovanja Prirodno-tehničke struke, hemijsko-tehničkog smera za zanimanje tehničar za fizičku hemiju, II deo, Naučna knjiga, Beograd (1980).
20. Jacimirskij K. B., Uvod u bioneorgansku hemiju, Prevod s ruskog: Vučetić J., Antić-Jovanović A., Vrvic M., Privredni pregled, Beograd (1980)

22. Ribnikar S., Baranac J., Antić-Jovanović A., Spektrohemijska za IV razred srednjeg usmerenog obrazovanja, Naučna knjiga, Beograd (1981)
23. Ribnikar S., Antić-Jovanović A., Jeremić M., Mentus S., Fizička hemija za IV razred srednjeg usmerenog obrazovanja, Naučna knjiga, Beograd (1981)
24. Herzberg G., Spektri i structure prostih slobodnih radikala, Prevod: Antić-Jovanović A., Pešić D. S., Gradjevinska knjiga, Beograd (1982)
25. Konjević R., Antunović-Holclajtner I., Kovačević N., Praktikum fizičke hemije za studente hemije, Univerzitet u Beogradu, PMF, Beograd (1985)
26. Minić D., Šušić M., Correlation between structure and mechanism of electric conductivity of solid $\text{MgHPO}_4 \cdot 3\text{H}_2\text{O}$, Transport structure relations in fast ion and mixed conductors p. 371 (1985)
27. Antić-Jovanović A., Jeremić M., Hemijsko tehnološki priručnik, 3.knjiga: fizičko-hemijske metode analize (poglavlja VIII, IX i X) IRO- Rad, Beograd (1985)
28. Savić P., Trefilov B. I., Timofeeva I. I., K voprosu o skačkoobraznom izmenenii svoistv pod davleniem. Deistvie vsokih davlenii na materaly, Naukova dumka, Kiev, 3 (1986)
29. Jeremić M., Macura S., Vuković J., Metode Molekularn Biofizike u seriji 'Savremena biofizika' Naučna knjiga, Beograd, 1987
30. Mioč U., Zbirka zadataka iz opšteg kursa fizičke hemije, Prirodno-matematički fakultet, Univerzitet u Beogradu, Beograd (1988)
31. Minić D., Dimitrijević R., Šušić M., Changes of Electrical and Structural Characteristics of Cold Sintered Potassium Dihydrogen Arsenate with Temperature, in "Science of Sintering, New Directions for Materials Processing and Microstructural Control", ed. D. Uskoković and H. Palmour III, R.Springs, Plenum Press, 555 (1990)
32. Antić-Jovanović A., Mentus S., Jeremić M., Odabrana poglavlja hemije sa praktikumom za III razred srednjeg usmerenog obrazovanja, Naučna knjiga, Beograd i Zavod za izdavanje udžbenika, Novi Sad (1991)
33. Arnika H. J., Osnovi nuklearne hemije, Prevod: Bačić G., Čeranić T., Dimitrijević N., Ribnikar S., Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1992)
34. Petranović N., Hemijska termodinamika, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1992)
35. Radak V. M., Opšti kurs fizičke hemije za biologe, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1992)
36. Bariol Ž., Rivaj Ž. L., Spektroskopija molekula, Prevod: Ristić S., Baranac J., Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1992)
37. Šušić M. V., Osnovi elektrohemije i elektrohemijske analize

38. Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1992)
39. Dondur V., Hemijska kinetika, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1992)
40. Mentus S., Mioč U., Odabrane metode fizičko-hemijske analize, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1993)
41. Mioč U., Zbirka zadataka iz opšteg kursa fizičke hemije, II izdanje, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1994)
42. Macura S., Radić-Perić J., Atomistika i atomistički pogled na strukturu materije, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1994)
43. Veselinović D., Đarmati Š., Gržetić I., Marković D., Fizičko-hemijske osnove zaštite životne sredine. I Izvori zagađivanja, posledice i zaštita, Univerzitet u Beogradu (1995)
44. Kolar-Anić Lj., Osnove statističke termodinamike, Prvo izdanje, Izdavač: Fakultet za fizičku hemiju, DP "Studentski trg" Beograd (1995)
45. Radenović Č., Anić S. (Eds.), Samoorganizacija neravnotežnih procesa 95, DFHS, Beograd (1995)
46. Minić D., Primenjena elektrohemija, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1996)
47. Demšar F., Jevtić V., Bačić G., Slikanje z magnetno rezonanco, Littera picta, Ljubljana (1996)
48. Miljanić Š. S., Izotopski efekti kod vodonika - teška voda, INN Vinča, Beograd (1996)
49. Mioč U., Hercigonja R., Zbirka zadataka iz opšteg kursa fizičke hemije, III dopunjeno izdanje
50. Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1996)
51. Perić M., Elektroni u molekulima, Elektron - sto godina od otkrića, sveska prva, Elektron i svet oko nas, M. Kurepa (Ed.), Zavod za udžbenike i nastavna sredstva, Beograd 311 (1997)
52. Mioč U., Hercigonja R., Zbirka zadataka iz Opšteg kursa fizičke hemije, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1997)
53. Minić D., Šušić M., Tešić Ž., Dimitrijević R., Investigation of the Thermal Behaviour of Ag-Pd Intermetallic Compounds in Hydrogen Atmosphere, Spillover and migration on Surface Species on Catalysts, Editor Can Li, 447 (1997) Elsevier
54. Minić D., Šušić M. Hidridi kao akumulatori vodonika, Srpska akademija nauka i umetnosti, Beograd (1999)
55. Mentus S., Elektrohemija, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1999)
56. Antić-Jovanović A., Atomska spektroskopija: spektrohemijski aspekt, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (1999)
57. Holdajtner-Antunović I., Induktivno spregnuta plazma - karakteristike i primena, Univerzitet u Beogradu (2000)
58. Holdajtner-Antunović I., Opšti kurs fizičke hemije, Zavod za udžbenike i nastavna sredstva, Beograd (2000)

59. Kolar-Anić Lj., Osnove statističke termodinamike, Drugo dopunjeno izdanje, Univerzitet u Beogradu, Beograd (2000)
60. Minić D., Maričić A., Amorfn materijali, Tehnički fakultet Čačak, Univerzitet u Kragujevcu (2001)
61. Minić D. M., Milošević S. Đ., Kinetika i termodinamika reakcija u čvrstom stanju
62. ITNMS, Beograd (2001)
63. Anić S., Marković D. (Eds.), Profesoru Draganu Veselinoviću, DFHS i FFH, Beograd, 175 (2001)
64. Antić-Jovanović A., Molekulska spektrohemijska: spektrohemijski aspekt, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2002)
65. Minić D., Stanisavljev D., Cvjetićanin N., Ignjatović Lj., Ćirić-Marjanović G., Uvod u laboratorijski rad, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2003)
66. Kolar-Anić Lj., Anić S., Vukojević V., Dinamika nelinearnih procesa - od monotone do oscilatorne evolucije, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2004)
67. Veselinović D., Pavlović B., Pešić D., Radak B., Veličine, jedinice i oznake međunarodnog sistema – SI u fizičkoj hemiji i srodnim oblastima (petojezički nazivi veličina), Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd i IP „Velarta“, Beograd (2004)
68. Antić-Jovanović A., Anić S. (Eds.), Physical Chemistry 2004, SPCS, Belgrade (2004)
69. Anić S., Čupić Ž., Kolar-Anić Lj. (Eds.), Selforganization in Nonequilibrium Systems
70. SPCS, Belgrade (2004)
71. Kolar-Anić Lj., Anić S., Čupić Ž. Characterization of the catalysts by means of an oscillatory reaction In "Finely Dispersed Particles: Micro-, Nano-, and Atto-Engineering", A. Spasić and Jyh-Ping Hsu (Eds.), CRC -Taylor&Francis, Surface Science Series, 130, 191 (2005)
72. Minić D., Antić-Jovanović A., Fička hemija, Univerzitet u Beogradu, Biološki fakultet i Fakultet za fizičku hemiju, Beograd (2005)
73. Minić D., Stanisavljev D., Cvjetićanin N., Ignjatović Lj., Ćirić-Marjanović G., Uvod u laboratorijski rad (drugo izdanje), Univerzitet u Beogradu, Fakultet za fizičku hemiju (2005)
74. Holclajtner-Antunović I., Minić D., Anić S., Ignjatović Lj., Hercigonja R., Stanisavljev D., Ćirić-Marjanović G., Ristić M., Čekić I., Daković M., Radna sveska iz fizičke hemije, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2006)
75. Antić-Jovanović A., Atomska spektroskopija: spektrohemijski aspekt, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2006)
76. Antić-Jovanović A., Molekulska spektroskopija: spektrohemijski aspekt, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2006)
77. Anić S., Stanisavljev D., Vukelić N., Izabrana poglavlja fizičke hemije (za studente hemije Hemijskog fakulteta u Beogradu), Univerzitet u Beogradu, Fakultet za fizičku hemiju (2007)

78. Minić D., Stanisavljev D., Cvjetićanin N., Ignjatović Lj., Ćirić-Marjanović G., Uvod u laboratorijski rad (treće izdanje), Univerzitet u Beogradu, Fakultet za fizičku hemiju (2007)
79. Dimitrić Marković J. Praktični aspekti odabranih poglavlja molekulske spektrohemijske, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (2008)
80. Perić M., Struktura i spektri molekula, Beograd SANU (2009)
81. Adnadjević B., Praktikum iz fizičke hemije čvrstog stanja, Univerzitet u Beogradu, Fakultet za fizicku hemiju (2009)
82. Kolar-Anić Lj., Osnove statističke termodinamike, Treće dopunjeno izdanje, Fakultet za fizičku hemiju, Beograd (2009)
83. Eds. Mioč U. B., Davidović M., Fast Proton-Ion Transport Compounds, Transworld Research Network, Kerala India (2010)
84. Ristić M., Pašti I., Cekić-Lasković I., Praktikum iz Opšteg kursa fizičke hemije, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (2010)
85. Ranković R., Atomistika – zadaci i vežbe, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (2010)
86. Minić D., Primenjena elektrohemija, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (2010)
87. Minić D., Stanisavljev D., Cvjetićanin N., Ignjatović Lj., Ćirić-Marjanović G., Uvod u laboratorijski rad, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (2010).
88. Minić D. M., Rafailović L. D., Wosik J., Nauer G. E., The structure and morphology of electrodeposited niki-cobalt alloy powders, Handbook of Materials Science Research, Editors: Charles René and Eugene Turcotte, Nova Science Publishers, Inc. 395 (2010)
89. Anić S., Čupić Ž. (Eds.), Physical Chemistry 2010, SPCS, Belgrade, (2010)
90. Cvjetićanin N., Odabrana poglavlja hemijske termodinamike – teorija, zadaci i vežbe, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2011)
91. Kolar-Anić Lj., Čupić Ž., Vukojević V., Anić S., Dinamika nelinearnih procesa, Fakultet za fizičku hemiju, Univerzitet u Beogradu, (2011)
92. Perić M., Milenko Šušić Život i delo srpskih naučnika, Srpska akademija nauka i umetnosti, Biografije i bibliografije Knjiga XIII, Urednik: Đorđević V. D. 285 (2012)
93. Stojković Simatović I., Elektrohemija-zadaci i vezbe, Univerzitet u Beogradu, Fakultet za fizičku hemiju, Beograd (2012)
94. Holdajtner-Antunović I., Opšti kurs fizičke hemije, Zavod za udžbenike, Beograd (2012)
95. Blagojević V. A., Minić D. G., Grbović Novaković J., Minić D. M., Hydrogen Energy-Storage Material: Challenges and Perspectives, Hydrogen Economy: modern Concepts, Challenges and Perspectives, InTech, 3 (2012) editor D. M. Minić

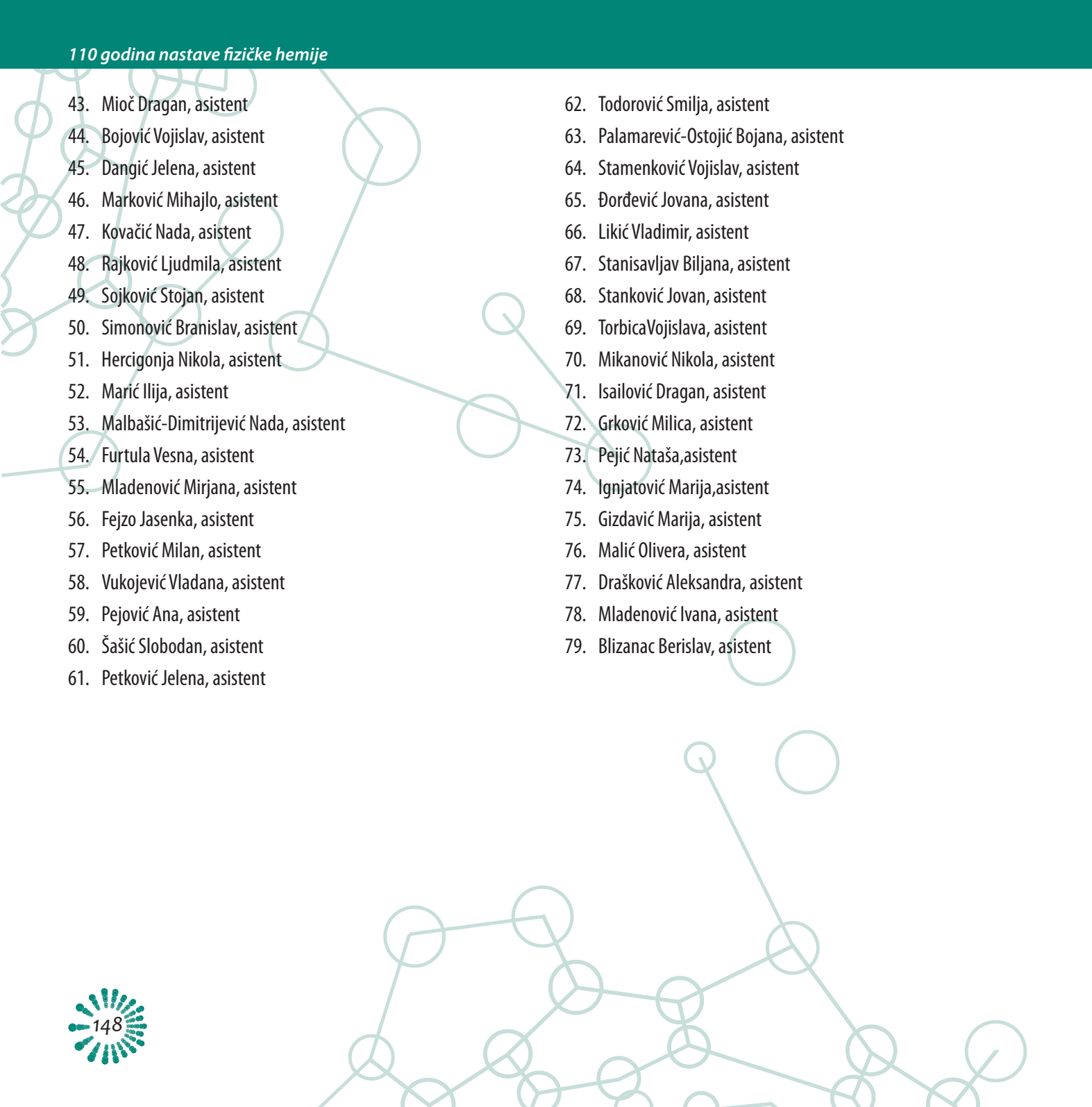
96. Dragica M. Minić, Vladimir Blagojević, Dušan M. Minić, Fe-Based Nanocomposite Formed by Heating Amorphous $\text{Fe}_{81}\text{B}_{13}\text{Si}_4\text{C}_2$ Alloy, in "Crystallization – Science and Technology, Chapter 9, InTech, (2012) pp 243-270, Editor Marcello Rubens Barsi Andreeta InTech (2012)
97. Antić-Jovanović A., Molekulska spektroskopija: spektrohemijski aspekt, Univerzitet u Beogradu, Fakultet za fizičku hemiju (2012)
98. Anić S., Čupić Ž. (Eds.), Physical Chemistry 2012, SPCS, Belgrade (2012)

NASTAVNICI I SARADNICI FAKULTETA 1903–2013. GODINE



A. NASTAVNICI I SARADNICI KOJI SU RADILI NA FAKULTETU

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3. Tutundžić Panta, redovni profesor
4. Radak Vukosava, redovni profesor
5. Veselinović Dragan, redovni profesor
6. Vukanović Vladimir, redovni profesor
7. Šušić Milenko, akademik, redovni profesor
8. Veljković Slobodanka, redovni profesor
9. Ribnikar Slobodan, akademik, redovni profesor
10. Mioč Ubavka, redovni profesor
11. Jeremić Milorad, redovni profesor
12. Vučelić Dušan, redovni profesor
13. Baranac Jelisaveta, redovni profesor
14. Petranović Nadežda, redovni profesor
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17. Mentus Slavko, redovni profesor
18. Stamatović Aleksandar, redovni profesor
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21. Macura Slobodan, vanredni profesor
22. Konjević Ružica, vanredni profesor
23. Anić Slobodan, vanredni profesor
24. Čeranić Tatjana, docent
25. Georgijević Vidosava, docent
26. Gal Ivan, docent
27. Sužnjević Desanka, docent
28. Dimitrijević Nada, docent
29. Cvijović Đurđe, docent
30. Živanović Dušan, asistent
31. Kukavica Dušan, asistent
32. Šugović Mateja, asistent
33. Milićević Branimir, asistent
34. Veljković Radomir, asistent
35. Đermanović Miloš, asistent
36. Runac Ratomir, asistent
37. Pavlović Boško, asistent
38. Draganić Ivan, asistent
39. Pešić Dimitrije, asistent
40. Cvjetičanin Dane, asistent
41. Lipovac Stanislava, asistent
42. Ajdačić Nadežda, asistent

- 
43. Mioč Dragan, asistent
 44. Bojović Vojislav, asistent
 45. Dangić Jelena, asistent
 46. Marković Mihajlo, asistent
 47. Kovačić Nada, asistent
 48. Rajković Ljudmila, asistent
 49. Sojković Stojan, asistent
 50. Simonović Branislav, asistent
 51. Hercigonja Nikola, asistent
 52. Marić Ilija, asistent
 53. Malbašić-Dimitrijević Nada, asistent
 54. Furtula Vesna, asistent
 55. Mladenović Mirjana, asistent
 56. Fejzo Jasenka, asistent
 57. Petković Milan, asistent
 58. Vukojević Vladana, asistent
 59. Pejović Ana, asistent
 60. Šašić Slobodan, asistent
 61. Petković Jelena, asistent
 62. Todorović Smilja, asistent
 63. Palamarević-Ostojić Bojana, asistent
 64. Stamenković Vojislav, asistent
 65. Đorđević Jovana, asistent
 66. Likić Vladimir, asistent
 67. Stanisavlja Biljana, asistent
 68. Stanković Jovan, asistent
 69. Torbica Vojislava, asistent
 70. Mikanović Nikola, asistent
 71. Isailović Dragan, asistent
 72. Grković Milica, asistent
 73. Pejić Nataša, asistent
 74. Ignjatović Marija, asistent
 75. Gizdavić Marija, asistent
 76. Malić Olivera, asistent
 77. Drašković Aleksandra, asistent
 78. Mladenović Ivana, asistent
 79. Bliznac Berislav, asistent

B. NASTAVNICI I SARADNICI KOJI SU ZAPOSLENI I RADE NA FAKULTETU 2013. GODINA

1. Dondur Vera, redovni profesor
2. Holclajtner-Antunović Ivanka, redovni profesor
3. Miljanić Šćepan, redovni profesor
4. Bačić Goran, redovni profesor
5. Kolar-Anić Ljiljana, redovni profesor
6. Minić Dragica, redovni profesor
7. Perić Miljenko, akademik, redovni profesor
8. Radić Perić Jelena, redovni profesor
9. Adnađević Borivoje, redovni profesor
10. Vukelić Nikola, vanredni profesor
11. Hercigonja Radmila, vanredni profesor
12. Cvjetićanin Nikola, vanredni profesor
13. Stanisavljev Dragomir, vanredni profesor
14. Ignjatović Ljubiša, vanredni profesor
15. Damjanović Ljiljana, vanredni profesor
16. Ćirić-Marjanović Gordana, vanredni profesor
17. Dimitrić-Marković Jasmina, vanredni profesor
18. Kuzmanović Miroslav, vanredni profesor
19. Šljukić Biljana, docent
20. Petković Milena, docent
21. Mojović Miloš, docent
22. Jerosimić Stanka, docent
23. Etinski Mihajlo, docent
24. Stojković Ivana, docent
25. Pašti Igor, docent
26. Daković Marko, asistent
27. Janković Bojan, asistent
28. Bošnjaković Nada, asistent
29. Đerić Aleksandra, asistent
30. Popović-Bijelić Ana, asistent
31. Ignjatović Aleksandar, asistent
32. Čekić Isidora, asistent
33. Ranković Radomir, asistent
34. Ranković Dragan, asistent
35. Rakić Aleksandra, asistent
36. Ristić Miroslav, asistent
37. Milojević Maja, asistent
38. Nedić Bojana, asistent
39. Gavrilov Nemanja, asistent
40. Stević Milica, asistent
41. Jović Aleksandar, asistent
42. Marković Vladimir, asistent

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1958

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Zoran Šaponjić
Vesna Kuntić

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Sonja Jovičević
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2006

Vesna Pavelkić
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Miloš Mojović
Nenad Radić

2007

Stanka Jerosimić
Magdalena Stevanović
Nina Obradović
Ana Čučulović

2008

Mirjana Radenković
Dušan Golobočanin
Milovan Stojiljković

Smilja Marković
Vesna Vodnik
Dragana Jugović
Branka Murić
Tamara Ivetić
Suzana Petrović
Suzana Veličković

2009

Zorica Mojović
Dragoljub Lukić
Jelena Savović
Tatjana Novaković
Nadica Abazović
Srđan Petrović
Suzana Bogojević
Aleksandra Krklješ
Marko Daković
Slavica Blagojević
Milica M. Kaninski
Jasminka D. Joksić
Igor A. Pašti
Aleksandra Žujić

Aleksandar Devečerski
Anđela Abu Rabi-Stanković

2010

Zoran Miladinović
Radomir Ranković
Zorica Vuković
Ana Ivanović
Ivana Stojković
Ljiljana Matović
Dragana Jovanović
Ana Popović-Bijelić
Rada Đurović
Predrag Banković
Ksenija Kumrić

2011

Marija Mihajlović
Marija Vukomanović
Miroslav Ristić
Milan Markićević
Ljiljana Janković-Mandić
Svetlana Jovanović
Danijela Jašin

Isidora Cekić-Lasković
Ana Kalijadis
Bojana Nedić Vasiljević
Svetlana Stanišić
Nebojša Labus
Katarina Rajković
Milan Senčanski

2012

Zoran Jovanović
Bojan Janković
Ljiljana Stojanović
Dijana Jelić
Aleksandra Janošević
Smiljana Jelić
Nataša Lazarvić
Jasmina Čustebek
Milica Stević
Maja Popović
Mirjana Novaković

2013

Milica Petrović Damjanović

FIZIKOHEMIČARI KOJI SU DOKTORIRALI VAN MATIČNOG FAKULTETA



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Ajdačić Vladimir
Anđelović Ivana
Arsić Jelena
Atanasijević Tatjana
Atanasova Elena
Bauer-Tripković Gordana
Berić Nikola
Bogdanović Radovan
Borčić Ivica
Bošnjaković-Pavlović Nada
Božović (rođ. Dašić) Andrea
Brašnjević Ivona
Cvijović Đurđe
Ćosović Rade
Damjanović Tanja
Davidović Milorad
Dimitrijević Borjana
Dokić Jadranka
Došen-Mićović Ljiljana
Draganić Ivan
Drašković Rade
Dražić Verica

Dražić Vitosija
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Đurić Nada
Etinski Mihajlo
Fekete Andrijana
Francuski Đorđe
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Gvozdić Jelenko
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Hadžišehović Munevara
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Ivošev Tatjana
Izvonar Dušan
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Janićijević Predrag
Jeremić Dragoslav
Jeremić Milorad
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Jokanović Vukoman
Josimović Mirjana

Josimović Ljubica
Jovanić Branislav
Jovanović Đura
Jovanović Žarko
Jovanović-Kurepa Jelena
Jovanović-Radak Zorana
Jovanović-Talisman Tijana
Jovanovski Irina
Jovićić-Vukićević Jelica
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Juranji Marija
Kačanik Jasminka
Kidrič Jurka
Kobilarov Nestor
Kolarić Branko
Konstantinović Stanimir
Konjajev-Mihailidi Tatjana
Konjević Nikola
Konjević Ružica
Kosanić Miroslav
Krainčević Milorad
Kremenović Aleksandar
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Krstić Vesna
 Krstić-Bogdanović Emilija
 Kruta Božana
 Kurepa Milan
 Lampa Sanela
 Likić Vladimir
 Maričić Zoran
 Marić Ilija
 Marković Vitomir
 Mendaš Istok
 Mičić Olga
 Mihajlović Dragana
 Mikanović Nikola
 Mikijelj Biljana
 Mikša Aurelija
 Milićević Branko
 Milojević Dušan
 Minčev Biljana
 Minevski Zoran
 Mladenović Ivana
 Mladenović Milena
 Mladenović Radojko
 Mojsova Svetlana
 Nenadović Tomislav
 Nešić Goran
 Nikolić Dragica
 Nikolić Milan
 Nikolić Vladimir

Novogradska P. Milena
 Parac Maja
 Pastrik Igor
 Paušak Stevan
 Pavićević Miodrag
 Pavlović Dušica
 Pejović-Milić Ana
 Pekas Nikola
 Perić Miljenko
 Perišić Nebojša
 Petković Milan
 Petković Milena
 Petrović Dragana
 Petrović Kosta
 Petrović Miodrag
 Petrović Slobodan
 Petrović Vladimir
 Plesničar Marijana
 Pobor Ljiljana
 Pophristić Milan
 Premović Pavle
 Pužić Rajko
 Radenović Neda
 Radić-Perić Jelena
 Radosavljević Evans Ivana
 Radu Aleksandar
 Rajković Ljudmila
 Raković Dušan

Raković-Hajduković Gordana
 Rašković Marija
 Ratković Barbara
 Rekalić Momčilo
 Ristić Slobodan
 Ristović Blagoje
 Savić Ana
 Savić Danko
 Sekulović Miroslava
 Simić Miomir
 Simić Vojislav
 Solomun Tihomir
 Spasojević Tomislav
 Srdanov Vojislav
 Stamatović Aleksandar
 Stanisavljević-Ševaljević Mirjana
 Stevanović Ana
 Stevović Jelica
 Stojanović Ana
 Stojić Miodrag
 Stojiljković Miloje
 Stošić Dušan
 Strundžalić Nevena
 Šljukić Paunković Biljana
 Šolajić Zoran
 Šoten Ivana
 Terlecki-Baričević Ana
 Tešić Milena

Tomazović Brankica

Tomić Katarina

Tonić-Nenadović Milica

Torbica Vojislava

Troj-Čuperlović Miroslava

Turubatović Lazar

Urošević Vladeta

Uskoković Vuk

Vasić Milena

Vlajić Miloš

Vretenar Petar

Vujasinović Dragan

Vukanović Vladimir

Vukanović-Ružić Damjana (Simić)

Vukov Aleksandar

Vuković Živorad

Vušковић Leposava

Zarić Aleksandar

Zavišić Branislav

Zloh Mire

Žeželj Ana

Živković Olivera

MAGISTRIRALI FIZIČKU HEMIJU

1963

Dragica Paligorić

1964

Ankica Antić-Jovanović

Božana Janković

Aleksa Šćepanović

Živorad Vuković

Dragan Mioč

Miljan Pješčić

Aleksa Šćepanović

1965

Ladislav J. Horvat

Olga I. Mičić

Aurora A. Muk

Ružica M. Nikolić

Zorka Matić

1966

Zdravko Vučković

Olga Mičić

Filip Uvodić

Franjo S. Ebel

Slavoljub B. Terzić

Nadežda S. Vukićević

Milorad Jeremić

Slavoljub B. Terzić

Nadežda S. Vukićević

1967

Gordana T. Hajduković

Emilija Bogdanović

Živka B. Marinković

Nikola B. Milić

Čedomir N. Radenović

Milan Vlajić

Ilija Dimitrijević

Franjo Ebel

Nadežda Petranović

Dragoljub Ristić

1968

Radovan Atanasijević

Ubavka B. Mioč

Slobodanka Stanković

Ana V. Terlacki-Baričević

Ružica Konjević

Predrag Janićijević

Marijana Plesničar

Stevan Paušak

Mirjana Tripković

1969

Borjana Jovanović

Dragana V. Petrović

Slobodan Kapor

1970

Magdalena Tomašević

1971

Slobodan Ratković

Dragoljub P. Uskoković

Aleksandar Đ. Aleksić

Žarko D. Jovanović

Marija Juranji

Slavko Mentus

1972

Novica Rakićević

Tatjana S. Čeranić

Đura Jovanović

Aleksandra Tuković

1973

Ljubinka Stojanović

Miljenko Perić

Jelica Jovičić-Vukićević

Nada R. Miljević

Slobodan K. Milonjić

Vesna G. Marković

Marko J. Lalić

Miodrag Huter

Miroslav Orlov

1974

Biljana Minčeva

Dragica Nikolić

Miroslava Dojčinović

Ljiljana M. Jelić

Nenad Juranić

Ljiljana Kolar-Anić

Aurelija Mikša-Spirić

Branislav R. Simonović

Dragica Minić

Nenad Juranić

Jelena Radić-Perić

Miroslava Dojčinović

1975

Jelena V. Dangić

Ljiljana A. Melovski

Šćepan S. Miljanić

Miša B. Todorović

Vera Vučelić

Dušan Malešev

Vesna Šoškić-Ilić

Miroslav Kopečni

Nedeljko Gvozdić

Slobodan Anić

Dragica Antić

Vesna Šoškić

1976

Ivanka D. Holclajtner

Milan I. Trtanj

Nada Kovačić

Persida Babović

1977

Fatima Barjaktari

Nataša M. Bibić

Vera Dondur

Predrag Đurđević

Senka R. Grujić

Vesna Krsnik-Furtula

Božidar Perović

Nacko M. Tončev

Svetlana Radovanov

1978

Luci Mihovilović

Dušan M. Marković

Borivoj Adnađević

1979

Slobodan V. Jovanović

Mirjana Tomić

Milan S. Trtica

Vojislav Srdanov

1980

Slobodan Grujić

Goran Bačić

Zoran Šolajić

Olivera Nešković

Branislav Jovanić

1981

Stevan Dimitrijević

Miloš I. Đuran

Zoran V. Laušević

Nada Malbašić-Dimitrijević

Bratoljub M. Milosavljević

Nebojša Z. Pavlović

Vesna M. Samac

Dragan Lj. Vučković

Radmila Radulović-Hercigonja

1982

Marija Krmar

1983

Biserka Minčeva

Mirjana Mladenović

Nebojša Radić

Slavica Rajšić

Agneza Šafranjić

1984

Bojan B. Radak

Milenko Erceg

Zoja Iđaković-Ilić
Nada Kraljević-Popović
Miodrag B. Pavlović
Tijana Rajh
Aleksandar Vukov

1985

Dragan M. Marković
Ivana A. Čudina
Jasminka Kačanić
Dušica Vučinić

1986

Slobodan Jerković
Divna Đ. Konstantinović-Đekić
Dragan Amić
Dejan Marković
Dušan S. Rajić
Miomir V. Veljković

1987

Jasenska Fejzo
Tatjana N. Maksin
Gordana Ristić
Gordana Vuksan-Ljuština
Mirjana Polovina
Slobodan Jerković

1988

Jovan Nedeljković
Jovan B. Stanković

1989

Jožef J. Čomor
Milorad D. Milić
Mirjana M. Marković
Milanka Perišić-Vučić

1990

Zorana Radak-Jovanović
Slavica S. Bogdanov
Danica V. Đarmati
Bojana Šečerov
Mirjana Vučemilović
Zoran B. Maričić
Radivoje Srejić
Radoman Benderać
Spasenka P. Gajinov
Sonja Jovičević
Vojislava Šipka

1991

Dragan Malović
Jelena Tripković
Borisav Bešić
Dragomir Stanisavljev
Ivanka Ruvarac
Brankica Tomazović
Tomislav Šumar
Jovan Jovanović
Vesna Rakić

1992

Mire Zloh
Boško Grbić
Nikola Cvjetičanin
Suzana Kudra
Hurem Zihnija

1993

Gordana Malović
Milan Petković
Vesna Pavelkić
Dragutin Fortuna
Željko Čupić
Ana Pejović
Vladana Vukojević
Gordana Andrić

1994

Ana Stanković
Dušan Golobočanin
Irena Knežević
Zoran Šaponjić
Vesna Kuntić
Gordana Ćirić-Marjanović
Vladimir Tanasković

1995

Srđan Petrović
Milovan Vuković
Zoran Nedić

Snežana Đorđević
Srđan Petrović
Bojana Ostojić
Aleksandra Lađević
Zoran Žujović
Slobodan Šasić
Ljubiša Ignjatović
Milovan Stoiljković

1996

Nenad Radić
Nadežda Vukićević-Nikolić
Dragana Đorđević
Smilja Todorović
Slavica Ivanović
Nadežda Vukićević
Jasmina Vidić
Stevan Blagojević
Dejana Vuković
Mirjana Radenković

1997

Miroslav Kuzmanović
Jasmina Dimitrić-Marković
Nataša Miladinović
Dragica Kovačević

1998

Aleksandra Daković
Snežana Stanković

Irena Petrović
Mara Kosanić Aleksić
Miroljub Vilotijević
Leposava Pavun

1999

Nenad Božanović
Miodrag Mičić
Veselinka Vojinović
Ivana V. Drašković

2000

Jasna Ćirić
Jadranka Kuljanin
Slavica Blagojević
Jelena Petković
Aleksandra Đerić
Nataša Pejić

2001

Ljiljana Damjanović
Katarina Nikolić
Vojislav Stamenković
Jovana Đorđević
Branka Murić
Nada Bošnjaković
Đorđe Kosanović
Aleksandra Žujić

2002

Milan Vučković
Tatjana Novaković
Nataša N. Stjepanović
Nebojša Cvetković
Marko Daković
Snežana Dragović
Ljiljana N. Jelisavac
Jasmina Grbović
Berislav B. Blizanac

2003

Smilja B. Marković
Milan A. Markićević
Stanka V. Jerosimić
Biljana R. Šljukić

2004

Ana Radosavljević-Mihajlović
Miloš Mojović
Smiljana Marković
Marija Rašković
Ankica Savin
Suzana Veličković
Suzana Petrović
Zorica Mojović
Dragana Jugović
Jasmina Savić
Aleksandar Devečerski

2005

Nina Obradović
 Nebojša Begović
 Žaklina Todorović
 Jasminka Joksić
 Nebojša Potkonjak
 Dragoljub Lukić
 Bojan Janković
 Ana Popović-Bijelić
 Smiljana Jelić
 Milica M. Kaninski

2006

Ksenija Kumrić
 Danijela Đikanović
 Srđan Matijašević
 Tamara Ivetić
 Sanja Trajković
 Mihajlo Etinski
 Ljiljana Janković
 Magdalena Stevanović
 Dubravka Maravić
 Aleksandar Ignjatović
 Rada Đurović
 Goran Bijelić
 Isidora Cekić

2007

Marija Janković
 Miroslav Ristić
 Zorica Vuković
 Sanja Terzić
 Valentina Batas
 Dijana Jelić
 Jugoslav Krstić
 Ana Ivanović
 Ivana Stojković
 Ljiljana Stamenković
 Dragan Ranković
 Aleksandra Janošević
 Jelena Cvetičanin
 Divna Majstorović

2008

Biljana Tomić-Tucaković
 Mirjana Novaković
 Maja Popović
 Vladislav Rac
 Marija Jevtić
 Tanja Stanić
 Aleksandra Rakić
 Saeed Masaud Alshikh

2009

Milica Pošarac
 Adela Egelja
 Negovan Ivanković
 Ivana Novović
 Ana Stanković
 Milutin M. Jevremović

2010

Aleksandra Šućurović

2011

Mirjana Anić

STEKLI ZVANJE MASTER FIZIČKE HEMIJE



2007

Jelena Hadži-Đorđević
Silvija Babarci
Danijela Dinulović
Jelena Stanojević
Aleksandra Samolov
Nebojša Časić
Maja Stojković
Olgica Zarić
Jelena Tripković
Jelena Cvijović
Marija Mihajlović
Biljana Ristić
Marija Puševac
Ana Stojanović
Nebojša Perišić
Sibela Jurić-Dimitrijević
Suzana Stevanović
Nada Marstijepović
Maja Jović
Marina Dašić
Dragan Milošević
Nataša Radosavljević
Vesna Bažalac
Nataša Radojević

Violeta Živković

Vesna Ćorović

Aleksandra Mihajlović

Srđan Radaković

Marina Arsić

Olgica Marjanović

2008

Andrijana Stanković

Biljana Živković

Selena Manojlović

Dušan Stošić

Milica Petrović

Marjetka Savić-Viserčić

Ljiljana Dragičević

Miloš Đorđević

Dušica Gojačanin

Una Bogdanović

Andrej Šošarić

Sandra Kumrić

Milan Kragović

Aleksandra Tasić

Vesna Mitrović

2009

Tanja Brdarić

Ivana Kalas

Jana Radaković

Đorđe Trpkov

Desanka Bošković

Ljiljana Mihajlović

Katarina Rajković

Danica Milosavljević

Ivana Anđelović

Jasna Simonović

Igor Savanović

Ivana Božić

Slobodanka Simić

Jelena Bojović

Tamara Grdanović

Arman Avrina

Melisa Nurković

Radojka Vujasin

Dragana Kusić

Pavle Glodić

Dejan Maletić

Tanja Potkonjak

Biljana Beljić

Magdalena Lazarević

2010

Jelena Potočnik
 Bojana Damjanović
 Mila Vranješ
 Ljubica Petrović
 Uroš Jovanović
 Sanja Božović
 Jelena Senčanski
 Tatjana Savić
 Sanja Pršić
 Milan Tančić
 Bojan Šešlak
 Mariana Seke
 Jelena Lukić
 Jelena Mihailović
 Željka Rašković
 Snežana Miulović
 Jelena Krstić
 Tamara Tuvić
 Mirjana Ćujić
 Sanja Milošević
 Maria Čebela
 Mia Omerašević

2011

Mirjana Mališić
 Dragana Arsevska
 Nataša Ivanković
 Vesna Petković-Borovnica
 Zorica Rotić

Saša Popov
 Mirjana Ilić
 Ivana Perović
 Violeta Nikolić
 Milan Milovanović
 Aleksandar Antanasijević
 Dragana Vasić
 Nenad Filipović
 Klaudija Baloš
 Milica Vasić
 Aleksandra Pavićević
 Miloš Milović
 Darko Micić
 Ana Cicvarić
 Ana Grković
 Bojana Milićević
 Bojana Kuzmanović
 Ivan Panić
 Nenad Nikolić
 Jelena Petrović
 Anđelka Đukić
 Viktor Čolić
 Igor Milanović
 Jelena Đurđević
 Jelena Petrović
 Vojkan Radonjić
 Tatjana Đajić
 Mirjana Medić
 Sanja Čulibrk

2012

Nataša Sarap
 Slađana Meseldžija
 Snežana Čugalj
 Nikola Jovančić
 Ana Pantelić
 Sandra Petković
 Milena Rašljić
 Danilo Kisić
 Aleksandra Dimitrijević
 Bogdan Tešović
 Milijana Savić
 Jadranka Milikić
 Itana Nuša Bujanja
 Ivana Šutonja
 Predrag Conić
 Valentina Janošević
 Danka Divović
 Ivan Stoševski
 Vladimir Jovanović
 Ivana Ivošević
 Dragana Grandić-Aleksić

2013

Milena Dimitrijević
 Dragana Mićović
 Petar Stupar
 Jelena Andrić

SPECIJALIZIRALI FIZIČKU HEMIJU



1974

Marković Dušan

1975

Barjaktari Fatmir

1976

Milosavljević Bratoljub

Jović Branislav

Kokera Speranca

1977

Tomić Mirjana

1978

Grujić Slobodan

1980

Bojović Snežana

Stefanović Aleksandar

Krmar Marija

Vuksan Gordana

1981

Rančić Ljiljana

Đorđević Nebojša

Jerković Slobodan

Šafranč Agneza

Tošić Anastasija

1982

Benderać Radoman

Ivković Slavica

Kosanić Marina

Veljković Momir

Marković Dragan

1983

Milisavljević Biserka

Subota Ksenija

1984

Bešić Borislav

1985

Brašnjević Ljiljana

1987

Grbić Boško

Pavlović Vesna

1988

Lukić Tihomila

Kitanović Branislav

Šumar Tomislav

Hurem Zihnija

Bogdanov Žarko

1989

Hadžipavlović Andrija

1990

Nedić Zoran

Tanasković Vladimir

Kudra Suzana

1991

Novaković Tatjana

1992

Vučetić Slobodanka

1993

Kovačević Ljiljana

Vučković Dubravka

1994

Radanović Dušanka

Kovačević Dragica

Petrović Irena

1995

Knežević Irena

1996

Radić Dragana

Radovanović Milica

Ignjatović Marija

1997

Vuković Zorica

1998

Vučina Ana

1999

Kostić Tanja

Stjepanović-Petrović Suzana

Marković Smilja

Janković Ljiljana

2000

Anić Mirjana

Đorđević Goran

Savin Ankica

Veličković Suzana

Tašić Žaklina

2002

Pongrac Irena

2004

Jovičić Dragana

Jovanović Dragana

Jovanović Vesna

2005

Mićić Svetlana

Rajković Katarina

Mitorvić Vesna

Dragutinović Vida

Starčević Biljana

Radivojev Biljana

Gigov Mihajlo

2006

Ratković Slađana

Popov Saša

Jurić-Dimitrijević Sibela

2007

Živanović Aleksandar

2008

Branković Dragana

2009

Baloš Klaudija

SPECIJALIZIRALI NA STRUKOVNIM STUDIJAMA FORENZIKE



2011

Velimir Belčić

2012

Vesna Janjić

Nataša Veličković

DIPLOMIRALI FIZIČKU HEMIJU



1948

Milosavljević A. Radmila
Džunić M. Olga
Kritić P. Katarina
Krunić S. Smiljana

1949

Stevanović M. Ikonija
Milićević T. Branimir
Lazić B. Nada

1950

Kostić K. Stanoje
Šipka V. Nada
Stanković Bosanka
Draganić G. Ivan
Rekalić J. Momčilo

1951

Vukanović M. Vladimir
Pavlović V. Boško
Popović B. Petar
Tanković H. Seid
Belegišanin M. Natalija
Dogramadžić N. Natalija
Simić M. Vojislav

Novakov D. Smiljka
Milutinović M. Vukosava
Živanović K. Mirjana
Škrbljak P. Milena
Boljac V. Mirjana
Burić Đ. Ilija
Georgijević M. Vidosava

1952

Sebelji B. Franjo
Jeremić S. Dragoslav
Mitrović R. Miloš
Mitrović P. Marija
Ribar J. Tibor
Rančić M. Divna
Brajković Ž. Toplica
Ribnikar V. Slobodan
Salemović T. Radojica
Cvjetičanin N. Dane
Horvat J. Vladislav

1953

Pantelić V. Miodrag
Nikolić M. Milan
Pešić S. Dimitrije

Maksimović Zoran
Subotić Sonja
Kojić Vera
Stanisavljev Mirjana
Runac M. Ratimir
Todorović Emilija

1954

Gvozdenović D. Dragutin
Radak B. Branislav
Skenderović G. Bartul
Veselinović S. Dragan

1955

Živadinović S. Milutin
Drašković J. Rade
Marinković N. Slobodan
Radojčić Ž. Dušan
Zmbov F. Kiro
Pletl J. Josip
Manojlović M. Ljubica
Marinković D. Momir
Živanov S. Živojin
Jakabfali L. Lujza
Matijašević R. Andreja

Brajović M. Veljko
Pupezin D. Jovan
Dražić G. Verica

1956

Karakašević T. Miodrag
Janković M. Olga
Muk A. Aurora
Knežević Živojin
Čobić Branka
Simić Momir
Jelić Nikola
Rajić Srbobran
Vujnić Veselin

1957

Kobilarov Nestor
Dragović Stanislava
Sarajić B. Vladan
Popović B. Živanka
Selenić S. Tatjana
Živanović D. Miodrag
Vukanović-Ružić Damjana
Pravica B. Maja
Ćirić M. Milan
Petrović V. Dragana
Vasiljević M. Olivera
Ožegović S. Ljubica
Urošević V. Vladeta

Zbućnović J. Jelena
Repić R. Slobodan
Ruvarac Lj. Aleksandar
Marković D. Gordana
Ajdačić S. Vladimir
Aleksić R. Bogdan
Obrenović D. Ivanka
Jovanović M. Zorka

1958

Milenković M. Slavko
Stevović Jelica
Aleksić D. Bojana
Kurepa V. Milan
Marković J. Mihailo
Đurđević Ž. Desanka
Bulović K. Vlastimir
Petrović S. Danica
Ajdačić B. Nadežda
Radulović M. Branislava
Popović R. Dragica
Kostić M. Darinka

1959

Milojević J. Radojica
Matić B. Zorka
Stojanović D. Nadežda
Uvodić S. Filip
Mimović M. Marko
Mičić I. Olga

Jačimović M. Ljubodrag
Madić B. Radmila
Korkodelović B. Dragoslav
Jovanović D. Žarko
Nikolić S. Žarko
Milić D. Ljubodrag
Todorović V. Milorad
Ilić M. Jelisaveta
Antić M. Ankica
Mioč A. Dragan
Perović M. Božidar
Đinić A. Milica
Perić A. Nadežda
Simić T. Miloš
Srećković M. Miroslava
Venečanin D. Emilijan
Vlajić D. Milan
Petrović G. Kosta

1960

Marković M. Vitomir
Jakovljević P. Zagorka
Jovanović S. Đura
Vlajić D. Milan
Petrović G. Kosta
Stojić Đ. Miodrag
Konstantinović K. Stanimir
Marčetić M. Jovanka
Hadžišehović Č. Munevera

Milić B. Nikola
 Jovanović R. Grujica
 Riff S. Josip
 Antić V. Ljiljana
 Isailović M. Vladislav
 Slavić A. Ilfan
 Kosanić M. Miroslav
 Ervaćinović M. Ruža
 Pješčić G. Miljan
 Pavlović R. Aleksandar
 Todorović B. Živomir
 Spasojević R. Savka
 Šćepanović B. Aleksa
 Ebel S. Franjo
 Ajdonik A. Vera
 Josimović R. Ljubica
 Kliska S. Mara
 Dragutinović D. Miroslav
 Lukić Ž. Ljubiša
 Vuković D. Živorad
 Rakić L. Anton
 Bešlin S. Borivoj
 Bojović D. Vojislav
 Kruta R. Božana
 Vučković J. Zdravko
 Plesničar I. Marijana
 Ristić S. Dragoljub
 Pavićević K. Miodrag
 Milić R. Milosija

Dekanj A. Antal
 Dimitrijević D. Ilija
 Kovačević I. Zorka
 Tomašević R. Magdalena
 Ratković D. Ljiljana
 Vidaković M. Slavoljupka
 Šovljanski Đ. Milena
 Berović R. Nikola
 Crnobori I. Ratko
 Nenadović M. Tomislav
 Filipović M. Radoslav
 Bojović D. Tomislav
 Janičijević M. Predrag
 Tripković R. Mirjana
 Ćuk-Ćopić S. Zdravko
 Živković M. Katarina
 Tošić Ž. Božidar

1961

Savić M. Borka
 Savić P. Ana
 Sužnjević M. Čedomir
 Stevanović M. Miodrag
 Nikolić Đ. Momčilo
 Nikolić M. Ružica
 Nenadović M. Radmila
 Teofanović D. Miroslava
 Zotović R. Miroslava
 Bogdanović M. Radovan

Beljajev N. Irina
 Varga M. Đorđe
 Javoršek A. Zora
 Milutinović A. Ljubinka
 Radojević P. Mileva
 Obradović S. Aleksandar
 Krstić M. Emilija
 Matekalo P. Jelka
 Radenović M. Čedomir
 Bučić M. Radojka
 Zajcev P. Boris
 Popović D. Veselin
 Jovanović D. Danica
 Božović S. Ružica
 Cekić B. Tomislav
 Cikota B. Ubavka
 Arandjelović A. Vlada
 Vakić F. Branimira
 Terlecki V. Ana
 Kos S. Nenad
 Jovanović T. Milija
 Savić D. Persida
 Maluckov Ć. Božana
 Tonić T. Milica
 Troj F. Margita
 Skitšak S. Silard
 Manić P. Gordana
 Savić B. Jovan
 Unković M. Krsto

Raković T. Gordana
Luc K. Agneš
Pavlović V. Živorad
Stamenković M. Radomir
Karaulić B. Dragomir
Jeremić G. Milorad
Ristić D. Marina
Kostić N. Milan
Golumbovski D. Bogomir
Mladenović T. Dušanka
Pavićević M. Stana
Milovanović K. Branko
Stepanović V. Borivoje

1962

Dojčinović M. Miroslava
Milovanović M. Milica
Dražić Vitosija
Čupić B. Živko
Boruhović M. Rašela
Stanković Lj. Eleonora
Petrović Lj. Katarina
Đaja V. Nikola
Abramović B. Bogdan
Ristović M. Blagoje
Martić A. Petar
Matić M. Veroslava
Kilijan V. Mirjana
Božić M. Milena

Jovanović M. Jelena
Ninković R. Živan
Stojanov I. Stevan
Stevčić R. Aleksandar
Moračić D. Ljiljana
Pavlović D. Ljiljana
Šimurina J. Marko
Đelić Ž. Hristivoje
Ignjatović L. Milena
Petrović S. Gordana
Novičević V. Veselin
Girić G. Ljiljana
Begović R. Jevrosima

1963

Knežević V. Vasilije
Kovačević Č. Verica
Juranji Lj. Marija
Jankovski N. Irina
Jovanović S. Gordana
Ratković S. Slobodan
Aleksić B. Mila
Glišović M. Dragan
Đurđević M. Radovan
Antanasijević D. Radovan
Budišin B. Aleksandar
Dražković R. Zorka
Konjević M. Nikola
Orlov M. Miroslav

Marčetić M. Dragan
Radulović B. Milorad
Tadić Ž. Milena
Cvetković T. Ljiljana
Čarnojević V. Vojislava
Živanović R. Živorad
Marković D. Zlatibor
Jagić N. Božidar
Nikolić B. Aleksandra
Vuksanović V. Siniša
Popović D. Predrag
Stamatović S. Aleksandar
Isakov D. Milena
Dimitrijević G. Hristina
Šovjanski Đ. Borislav
Marković M. Dušan
Vučetić D. Vidosava
Gatoni R. Vitorio
Godigna F. Mario
Majdanac-Dovijanić M. Gordana
Jovanović Đ. Leposava
Todorović M. Zlata
Klečić Ž. Vera
Mimica S. Ante
Miočinović P. Dušan
Jelić V. Vladimir
Radnović Ž. Nedeljko
Ćosović M. Rade
Bulatović B. Radmila

Sekulić M. Miroslava
Timotijević M. Đorđe

1964

Dimitrijević V. Borjana
Vučinić V. Milenko
Vojinović M. Dragomir
Vojvodić V. Ilija
Dangić V. Jelena
Popović D. Branka
Nikolić M. Ljiljana
Strundžalić A. Nevena
Šutaković C. Čedomir
Simonović D. Bojko
Đukić Đ. Vera
Dobričić S. Vladimir
Pongrac P. Stefan
Markovinović I. Ivan
Černi J. Ingrid
Persi V. Tulio
Bjegović M. Grozdana
Kažić M. Nebojša
Đurković S. Gordana
Veljković D. Jelka
Mesar F. Božidar
Barišnikov A. Dimitrije
Stojanović R. Vera
Antonijević V. Milka
Pavlović B. Vojislav

Krainčanić Ž. Miodrag
Kidrič B. Jurkica
Mladenović V. Tomislav
Miletić B. Miodrag
Stanulov S. Veselin
Gregorić M. Ružica
Veselinović S. Ljiljana
Vanević K. Nada
Petrović M. Dragoslav
Prelić M. Lenka
Tripković M. Dragan
Samardžija S. Milka
Paušak V. Stevan
Vučelić R. Dušan
Kapor M. Slobodan

1965

Stanković-Luković R. Slobodanka
Bešić B. Gordana
Jericijo K. Marija
Stojanović T. Dragoljub
Radosavljević V. Ljubinko
Ignjatović R. Jelena
Miličić M. Grozdana
Konjajev A. Tatjana
Bešić R. Borislav
Todorović R. Predrag
Vučković A. Hristoljub
Bokanić Đ. Smilja

Mihajlović B. Gordana
Nikolić J. Marija
Jauković J. Radmila
Rundić B. Zorica
Stojilković R. Ljiljana
Vračar M. Marinko
Tubić V. Olga
Kulenović F. Emina

1966

Vujović M. Zoran
Jovanović B. Aleksandra
Bižić N. Dušan
Davidović P. Milorad
Kunjić V. Radosav
Milosavljević Lj. Branislav
Batina S. Milka
Romanović U. Leposava
Đuričić V. Radmilo
Čolić Z. Ahmo
Aleksić Đ. Aleksandar
Nenadović M. Natalija
Ziramov S. Ljubomir
Janković R. Slobodan
Rodić D. Milutin
Dragić S. Smiljka
Đorđević J. Miodrag

1967

Vasiljević B. Radivoje
Stošić Lj. Pavle
Maletić S. Svetlana
Stefanović R. Ljiljana
Ristić M. Petar
Tankosić B. Slobodan
Deletić V. Branislav
Popović Đ. Petar
Grujičić M. Predrag
Milosavljević D. Biljana
Trifković S. Ljubica
Tuković V. Aleksandra
Malešev L. Dušan
Ristić A. Janko
Urošević M. Snežana
Kodžić D. Aleksandar
Lalić J. Marko
Keleva J. Jozo
Kezela A. Boško

1968

Gligorić M. Dušan
Marković A. Dragan
Mladenović V. Radojko
Ignjatović M. Jelena
Kalezić M. Marta
Puzić G. Rajko
Otašević R. Vukomir

Bauer F. Jadranka
Tišma-Balagač M. Ljiljana
Marković I. Marija
Mandić R. Radmila
Minić C. Natalija
Lalić M. Đura
Ćirić P. Miroslava
Trifunović N. Nadežda
Lilčić V. Svetomir
Pavić J. Živorad
Živanović E. Aleksandar
Kordić R. Boško
Jovanović B. Pavle
Spasojević Lj. Spomenka
Trajković P. Ivan
Kopečni M. Miroslav
Ranisavljević R. Bisenija
Petronijević M. Slavoljub
Rokvić I. Milka
Mojsoovski I. Biljana
Miletić V. Slavoljub
Dobrović J. Mirka
Zarić R. Ljubisav

1969

Busarčević S. Miroslav
Bulić B. Miodrag
Cicmil P. Špiro
Kalezić M. Vojislav

Stanković N. Milenko
Marković T. Miodrag
Premović I. Pavle
Popović B. Slobodanka
Radojković Ljubiša
Perić D. Slobodan
Bešević R. Velibor
Bjelogrlić R. Danilo
Lončarević P. Snežana
Trtanj I. Milan
Đedović P. Miroslav
Saravolac G. Biserka
Kosovac M. Mihailo
Rajković B. Ljudmila
Sokol G. Vesna
Stanisavljević M. Mirjana
Stojković R. Stojan
Mentus V. Slavko
Bajić U. Svetlana
Gaković M. Branka
Rašković I. Vladimir
Zirojević D. Nadežda
Vučetić M. Milivoje
Todorović B. Miša
Struček A. Adela
Adamov B. Milorad
Radojković M. Radoje
Žeželj D. Ana
Koranikić P. Klara

Popadić S. Olga
 Jovanović D. Olivera
 Perović R. Nada
 Milanović S. Ljiljana
 Anić R. Slobodan
 Popović S. Slobodanka
 Mišurović A. Zoran
 Todorović M. Uglješa
 Marković J. Mitar

1970

Stojković L. Milan
 Marković B. Dragoslav
 Jovanović D. Radmila
 Pavićević Lj. Mirko
 Knežević C. Milorad
 Piletić R. Radmila
 Kolar Z. Ljiljana
 Jovičić P. Jelica
 Nikolić D. Vesna
 Radić B. Jelena
 Minić M. Dragica
 Vulević M. Mihailo
 Perić N. Miljenko
 Buljan I. Jasmina
 Mikša T. Aurelija
 Miljević R. Nada
 Krstić M. Natalija
 Glišić M. Svetlana

Galebović J. Tomislav
 Galantić M. Nadežda
 Mraković B. Radmila
 Kasagić B. Slobodan
 Heski E. Nenad
 Orlović D. Marija

1971

Petrović P. Miomir
 Primožić I. Mirjana
 Hercigonja N. Nikola
 Vretenar F. Petar
 Minčeva N. Biljana
 Aćić T. Nikola
 Bulajić M. Ljiljana
 Nikolić Dragica
 Đorđević D. Ljubiša
 Đurić Lj. Nada
 Mojsova L. Svetlana
 Srećković Đ. Milorad
 Stojković S. Dušanka
 Milaković J. Vera
 Ratković B. Milena
 Brkić S. Nedeljka
 Došen I. Ljiljana
 Juranić O. Nenad
 Simonović R. Branislav
 Uzunovski C. Iskra
 Stojanović V. Ljubinka

Gvozdić V. Nedeljko
 Pavković Ž. Miroslav
 Nikolić M. Vladimir
 Latinović N. Nada
 Marković D. Milena
 Todorović D. Zorica
 Vidak A. Dragan

1972

Solomun P. Miroslav
 Dondur T. Vera
 Bibić M. Nataša
 Macura I. Slobodan
 Galonja D. Mirjana
 Miličević Z. Negosava
 Stanisavljević M. Nada
 Miljanić S. Šćepan
 Milišić-Đorđević R. Dragana
 Perišić Z. Milanka
 Izvonar B. Dušan
 Lazarević A. Ljubinka
 Protić J. Miroslav
 Janković M. Nadežda
 Jovanović N. Lazar
 Jovanović B. Svetlana
 Jokanović R. Vukoman
 Nešković B. Aleksa
 Koželj M. Darinka
 Šarunac S. Lovorka

Turubatović R. Lazar
Munjas D. Sofija
Kobaš V. Anita
Brkić M. Zorica
Milosavljević A. Dragoljub
Voko I. Branislava
Pejčić R. Jelica
Perišić P. Zoran
Zdravković N. Ljubica
Ivanović Mileta
Josimović M. Mirjana
Kiso P. Vladimir
Tošić V. Anastasija
Todorović M. Radovan
Sotirović R. Dragana
Mataković Z. Ivan
Spiridonović Č. Dragiša
Milovanović V. Miodrag
Kostić N. Ljubica
Dubljević Božidar
Vukotić V. Milisav
Nikitović S. Radomir

1973

Lazić V. Ljubica
Gajić V. Snežana
Antić Lj. Dragica
Torbica B. Ostoja
Holclajtner D. Ivanka

Nikolić M. Stanka
Vulević J. Sonja
Grujičić J. Dragan
Kovačić Đ. Nada
Kraljević V. Nada
Mendaš P. Istok
Vuletić B. Milka
Mihajlović M. Ljiljana
Bajraktari Dž. Fatima
Katić V. Milinka
Pavlović Z. Nebojša
Jakovljevska J. Olga
Mičić J. Miroljub
Sjekloća R. Milutin
Stefanović A. Vojislava
Kićanović A. Miodrag
Renovčević M. Milanka
Mijalković B. Gordana
Nedeljković D. Slobodanka
Mandić I. Miodrag
Atanasova A. Elena
Očić M. Milenko
Evangelos V. Teodota
Frank Đ. Dragoslav
Saramandić P. Ljubica
Nastasić S. Gordana
Srdanov I. Vojislav
Tolić S. Mirjana

1974

Tančić B. Nadežda
Radulović N. Vera
Erceg R. Milenko
Jeremić D. Biserka
Popović T. Branislava
Stokić Ž. Zoran
Đurić Đ. Milka
Trtica S. Milan
Rašović M. Ljiljana
Trifunović M. Dobrila
Bosiljčić M. Zoran
Stevanović M. Miodrag
Sinđelić B. Anđela
Đurđević T. Predrag
Tešić Z. Gordana
Stifanić N. Nataša
Rističević A. Savo
Stojadinović S. Miodrag
Tomić K. Radomir
Prvulov Z. Nada
Kunjadić I. Milan
Marković J. Ljubica
Dobrešković Ž. Zoran
Krsnik N. Vesna
Mrdović M. Budimir
Čobić B. Dragana
Vukčević V. Branislav
Ostojić M. Đurđica

Arnerić S. Predrag
 Petrović S. Marjan
 Pešić K. Svetlana
 Milenković S. Slavenka
 Mijomanović Lj. Vladimir
 Lozanovski A. Ljiljana
 Gologlavić T. Mirjana
 Gacić B. Radmila
 Ivanović B. Miroslav
 Solomun M. Tihomir

1975

Kovačević P. Dragica
 Nikolić B. Ljiljana
 Miličević D. Gordana
 Hadžić Amra
 Milivojević M. Miodrag
 Ilić Ž. Predrag
 Šolajić D. Zoran
 Kuprešanin J. Zorka
 Dimitrijević T. Stevan
 Došen S. Amra
 Tomić V. Mirjana
 Opačić J. Mirjana
 Korenj E. Eduard
 Matić I. Veljko
 Dedić I. Danilo
 Ilišević M. Dragica
 Momirović B. Mirjana

Salaji J. Josip
 Jović M. Milosava
 Jergović I. Ilija
 Đorić M. Radica
 Nikolić M. Predrag
 Olujić B. Nikola
 Vuličević U. Dragana
 Milošević M. Dragan
 Kokora J. Speranca
 Mihovilović A. Luci
 Janošev N. Biljana
 Čubrović Z. Julijana
 Adamović S. Ružica
 Golobočanin D. Dušan
 Marković M. Tanja
 Jovanić R. Branislav
 Mirkić M. Biljana
 Adnađević K. Borivoje
 Radulović V. Radmila
 Majstorović M. Dragomir
 Jovičević M. Sonja
 Lončar M. Desanka
 Seidel M. Burđica
 Milosavljević H. Bratoljub
 Živković R. Dragana
 Feger A. Petar
 Prica N. Tatjana

1976

Marković S. Darinka
 Bijelović M. Dragoljub
 Nikolić M. Milenko
 Jovanović V. Slobodan
 Mukaetovski J. Jelena
 Živanović A. Žarko
 Malbašić M. Nada
 Benderač V. Radoman
 Vlainić S. Olivera
 Đorđić G. Angelina
 Gajić M. Vera
 Jovanović M. Dušan
 Perišić Slobodanka
 Potkonjak N. Branka
 Raičević Slavica
 Nešković M. Olivera
 Đorđević M. Nebojša
 Radonjić B. Jela
 Vušurović M. Đorđije
 Laušević V. Zoran
 Milinković P. Gordana
 Šuhartović N. Branislav
 Maljević Ć. Emira
 Došen J. Mirko
 Bjelanović M. Jovanka
 Đešnić I. Ljiljana
 Pavlović M. Velimir
 Jovanović M. Spomenka

Marković Č. Aleksandar
Stojanović M. Slobodan
Dragović J. Petar
Bačić G. Goran
Đerki A. Ružica
Aćimović-Korunović S. Mirjana
Vučković J. Dragan
Bojović D. Snežana
Rahić I. Kasim
Petrović V. Miodrag
Žunić M. Danica

1977

Jović M. Nebojša
Kolonić V. Slobodan
Tanasijević J. Vaso
Marić J. Ilija
Vukov J. Aleksandar
Božović M. Biljana
Marinković J. Mirjana
Živadinović M. Ivanka
Vlahović V. Ljiljana
Rančić M. Ljiljana
Miletić R. Milena
Blažon B. Olga
Marjanović D. Milka
Blagojević R. Mirjana
Nasigoska Mirjana
Borna Č. Milan

Vučičević (Šibalić) R. Radmila
Gvoić V. Mirjana
Dokić B. Radomir
Ignjatović V. Ljubiša
Matić M. Mira
Lončarević J. Nada
Milosavljević M. Vojislav
Marković Ž. Branislav
Srdanović S. Milisav
Samac M. Vesna
Šešić B. Marija
Joksimović J. Danica
Vukelić S. Nikola
Kovačević D. Snežana
Virijević B. Milanka
Karaklajić U. Predrag
Popović V. Mirjana
Ilić J. Zvonko
Babić M. Milena
Marinković S. Milorad
Živić M. Radoslav
Vukov V. Mira
Beronja M. Ljiljana
Bodlović M. Dragica
Karimanović D. Milan
Filipović I. Zdenka
Ereš J. Đula
Lađinović S. Gordana

1978

Šević Č. Ljiljana
Vurević Gorica
Stojić V. Mirjana
Filipović V. Vera
Vujović B. Mirjana
Marinić V. Marina
Debijađi R. Vesna
Vukanović R. Beta
Obradović Z. Biljana
Pavićević S. Katica
Milićević Stana
Aleksić D. Đorđe
Milić M. Ljuba
Milović R. Milorad
Čorkadi Š. Skender
Nikolić M. Dušan
Stanimirović M. Biljana
Nešić D. Goran
Šafranjić Š. Agneza
Janković Z. Vesna
Potkonjak M. Branislav
Palikuća P. Mirjana
Ninković P. Mirjana
Tomazović B. Brankica
Vizi P. Zdenka
Ristić S. Gordana

1979

Zlatković Đ. Dobrila
 Ilčeva D. Tatjana
 Zabel A. Darinka
 Mandrino S. Nadežda
 Živanović P. Stanka
 Mirkov I. Smiljka
 Petrović J. Slobodan
 Marković M. Dragan
 Vučković B. Miodrag
 Bojković Jasmina
 Đurašković N. Pavle
 Bona M. Rodolfo
 Spasojević V. Vojislav
 Vukoje M. Radoslava
 Dostanić S. Branka
 Radić G. Nebojša
 Pavlović R. Dušica
 Debeljaković B. Mirjana
 Vuksan Đ. Gordana
 Radivojević A. Spomenka
 Kopanja D. Predrag
 Velimirović M. Dragan
 Krmar D. Marija
 Mitrović Č. Milena
 Papić B. Predrag
 Tatomirović Đ. Živomir
 Mandić R. Dragana
 Vujasinović Ž. Dragan

Korićanac R. Ružica

Bošan A. Srđa

1980

Lakčević M. Zagorka
 Ivković S. Slavica
 Gavrilović M. Milkica
 Lakota H. Selmo
 Svrzić N. Ksenija
 Gajinov P. Spasenka
 Martinović V. Suzana
 Filipović Ž. Dragana
 Stevović Ž. Novica
 Mladenović M. Mirjana
 Subota G. Ksenija
 Bogdanov D. Žarko
 Bulatović V. Ana
 Milić D. Milorad
 Solujić B. Nada
 Zarić J. Aleksandar
 Marinković S. Ksenija
 Rudović M. Anđelka
 Krstić M. Dragan
 Hadži-Pavlović B. Andreja
 Dramićanin N. Ninoslav
 Milić T. Gordana
 Koljević B. Miodrag
 Obradović D. Vesna
 Vuksanović S. Ljiljana
 Đorđević M. Vojislavka

1981

Ilić P. Dejan
 Milošević M. Miodrag
 Grbić B. Boško
 Vukotić D. Zorica
 Đorđević M. Nadežda
 Kuzmanović Ž. Radoslav
 Kosanić N. Verica
 Antonijević R. Nenad
 Cvijović U. Đurđe
 Milisavljević B. Biserka
 Stanković N. Milan
 Timotijević V. Dragan
 Bajović J. Vera
 Pijanović E. Žarko
 Nikolić M. Milka
 Pavlović D. Ljiljana
 Rakić M. Vesna
 Almažan C. Ankica
 Radak B. Bojan
 Kovačević P. Branimir
 Čudina A. Ivana
 Nejakov D. Dragana
 Minevski S. Zoran
 Pobor V. Ljiljana
 Savić D. Danka
 Marković Z. Dejan

1982

Rajh Z. Tijana
Cvijović J. Dušan
Mikijelj V. Biljana
Pešić V. Lidija
Ignjatović Ž. Verica
Marinković S. Nebojša
Fejzo Dž. Jasenka
Kačanik V. Jasminka
Spajić G. Jovanka
Vučićević R. Vesna
Štrbac B. Svetlana
Dedović M. Ljiljana
Čomor J. Jožef

1983

Stanković B. Jovan
Mitrović J. Ljiljana
Pajić R. Leposava
Cvjetičanin D. Nikola
Todorović G. Zorica
Gajić P. Zorica
Jovanović M. Zorana
1984.
Nedeljković M. Jovan
Maričić B. Zoran
Ostojić S. Jelica
Brnabić A. Olgica
Stanisavljev R. Dragomir

Marković M. Mirjana
Giba S. Stanimir

1985

Tripković J. Jelena
Živković M. Vera
Ugrinović T. Mijat
Šećerov Lj. Bojana
Manić A. Suzana
Mitić S. Spomenka
Pavlović M. Vesna
Hurem I. Zihnija

1986

Tešić S. Milena
Tanasković E. Vladimir
Vučemilović I. Mirjana
Malović D. Dragan
Šalipurović D. Snežana
Stamovska J. Vesna

1987

Milosavljević M. Ljiljana
Jovović K. Irena
Mitrović Ž. Eleonora
Stajić N. Dušica
Antović S. Rajka
Zloh F. Mire
Nedić P. Zoran
Čalić P. Marina
Daljević S. Radoslav

Tošić R. Dragomir
Hadžifeizović Š. Emina
Vilotijević N. Miroljub
Andrić N. Gordana
Ruvarac A. Ivanka
Lukin B. Tatjana
Stanisavljev R. Biljana
Sretenović Željko

1988

Grbić Ljiljana
Petković Milan
Stanković Nevena
Dejana Vuković

1989

Stanković Jovan
Stanković A. Ana
Ilić Marija
Knežević Irena
Ignjatović Ljubiša
Vukojević B. Vladana
Dimitrić M. Jasminka
Ćirić N. Gordana
Marinković V. Sibinka
Čupić Željko

1990

Zavišić V. Branislav
Stoiljković M. Milovan
Radić D. Nenad

Ilić Olivera
 Pejović S. Ana
 Vojinović Višnja
 Čarapić Anđelka
 Radenković Mirjana
 Šaponjić Zoran
 Pavun Leposava
 Begović N. Nebojša
 Gavrilov Lj. Zorica
 Đorđević Dragana
 Žujević Zoran
 Petrović Srđan

1991

Likić A. Vladimir
 Kostić Ivana
 Stojaković Olivera
 Miladinović P. Zoran
 Savić Zorica

1992

Karamalis Janis
 Šašić Slobodan
 Galović Nenad
 Palamarević Bojana
 Belić Biljana
 Perović Božo
 Novaković Jovica
 Rišković Milan
 Raičić Biljana

Miljuš Vesna
 Agatonović Verica
 Čuperlović Miroslava
 Todorović M. Smilja
 Momirović Mirjana
 Kosanić M. Mara
 Papić Anela
 Daković S. Aleksandra
 Kuzmanović M. Miroslav
 Savin Ankica
 Milojević M. Dušan
 Matić Darija
 Vidić Jasmina
 Radosavljević Ivana
 Vukašinović Snežana

1993

Giljen Nebojša
 Gobor Ladislav
 Kapor Marija
 Galić D. Suzana
 Torbica Vojislava
 Pophristić Milan
 Radić M. Dragana
 Cvetković Nebojša
 Kosanović N. Đorđe
 Blagojević Stevan
 Veličković Blagoje
 Andrejić Nenad

Čirić Jasna
 Andrić Milinka
 Kostić Tanja
 Stanojević Ž. Suzana
 Tošić Radomir
 Đorđević Goran
 Đorđević Zoran

1994

Stamenković R. Vojislav
 Živanov Snežana
 Radovanović Milica
 Laban Aleksandra
 Stamenković Srđan
 Ignjatović Marija
 Selaković M. Radojka
 Pavičević Danijela
 Radulović Predrag
 Čotra Milka
 Kolarić M. Branko

1995

Šoten V. Ivana
 Vučković M. Milan
 Petković S. Jelena
 Bojović M. Slavica
 Jorga J. Klaudija
 Pastirk Igor
 Ratković S. Barbara
 Gizdavić R. Marija

Daničić M. Tatjana

Pejić D. Nataša

Malić Đ. Olivera

Simić M. Slaviša

Ilić D. Zvonko

Aleksić Jasmina

Devečerski B. Aleksandar

Janković J. Ljiljana

Dolinga F. Lidija

Jakšić M. Jelena

1996

Đorđević V. Jovana

Damjanović S. Ljiljana

Anić R. Mirjana

Žižović Milena

Đuknić Dragica

Murić D. Branka

Milosavljević D. Jasmina

Žujić M. Aleksandra

Cvijović R. Mirjana

Đerić J. Aleksandra

Vasić Lidija

Vučina J. Ana

Mitić R. Svetlana

Drašković Aleksandra

Ivanović T. Slobodan

Pavlović Svetlana

Kartarević B. Stevan

Borčić D. Ivica

Šuberg Sandra

Urošević M. Nebojša

Premović Lj. Suzana

Laković J. Ivan

1997

Stepanović M. Suzana

Marković B. Smilja

Radulović V. Snežana

Plazinić D. Snežana

Bošnjaković S. Nada

Živković D. Olivera

Stjepanović N. Nataša

Mikanović S. Nikola

Arsić M. Jelena

Krstić R. Vesna

Radu G. Aleksandar

Markićević A. Milan

1998

Jovanović Z. Bobana

Rafailović D. Lidija

Mihajlović Lj. Dragana

Radenović Č. Neda

Kelman S. Sonja

Šajinović V. Dragana

Popovac N. Rada

Radovanović R. Jelena

Mutavdžić D. Jasminka

Daković Ž. Marko

Vujošević D. Analija

Rajković M. Katarina

Streoski R. Jasmina

Damjanović P. Tanja

Radulović V. Jasmina

Ješić R. Danica

Isailović N. Dragan

Pavlović D. Aleksandar

Ivošev M. Tatjana

Grković V. Milica

Starčević V. Goran

Tašić N. Žaklina

Petković B. Vesna

1999

Dumančević Ž. Gordana

Mladenović Lj. Ivana

Starčević A. Biljana

Živanović Ž. Aleksandar

Raonić V. Tanja

Adamović S. Ivana

Labus J. Nebojša

Parac N. Maja

Batas M. Valentina

Savić Z. Jasmina

Krstić B. Jugoslav

Vučković N. Sandra

Blizanac B. Berislav

Matijašević D. Srđan
 Grbović D. Jasmina
 Pongrac S. Irena
 Radivojević J. Biljana
 Andrić Đ. Velibor
 Gajić Ž. Saša
 Jahibegović Š. Elra
 Gavrilović S. Svetlana
 Dragutinović Đ. Vida
 Simić S. Slobodanka
 Šljukić R. Biljana
 Lampa S. Sanela

2000

Stanković M. Srboľjub
 Petrišor S. Ana
 Petković M. Milena
 Mojović D. Miloš
 Matić G. Mirjana
 Pavlović Lj. Marija
 Šavija R. Dijana
 Filipović T. Mirjana
 Mladenović V. Valentina
 Jovanović M. Tijana
 Francuski D. Đorđe
 Mojović D. Zorica
 Đikanović B. Danijela
 Rašković R. Marija
 Jovičić B. Dragana

Pekas S. Nikola
 Lazić M. Marina
 Popov Z. Saša
 Zenović Milan
 Jerosimić V. Stanka
 Janković B. Gordana
 Janković S. Bojan
 Spasić Lj. Aleksandar
 Trajković S. Sanja
 Jelić Lj. Sandra

2001

Stavrić V. Željka
 Radojković M. Maja
 Leovac D. Marija
 Popović D. Ana
 Stanić T. Tanja
 Vuletić M. Vedrana
 Dostanić P. Slavica
 Kumrić R. Ksenija
 Tešić D. Milica
 Stanaćev N. Aleksandra
 Tvica R. Amra
 Uskoković D. Vuk
 Potkonjak I. Nebojša
 Danilović P. Zorana
 Sarić M. Snežana
 Obradović S. Saša
 Marjanović Ž. Danijela

Ivanović M. Slađana
 Ignjatović Lj. Aleksandar
 Dabić I. Nada
 Bijelić S. Goran
 Atanasijević D. Tatjana
 Mandić N. Nina
 Subašić K. Danijela

2002

Nikčević R. Irena
 Stamenković Lj. Ljiljana
 Vujošević Lj. Danilo
 Đurović D. Rada
 Jugović M. Dragana
 Banković T. Predrag
 Radić M. Magdalena
 Pavićević D. Bojana
 Terzić I. Sanja
 Marčeta P. Milica
 Jovanović M. Vesna
 Petronijević R. Bojan
 Pantelić B. Nebojša
 Gigov Mihajlo
 Perić V. Vesna
 Janković Zorica
 Ivetić B. Tamara
 Cekić B. Isidora
 Kuprešak D. Siniša
 Blagojević A. Vladimir

Milenković A. Svetozar
Raičević M. Dragana
Mitrović T. Vesna
Slavković J. Latinka
Filipović R. Jelisaveta
Petrović S. Vladimir
Zafirović S. Svetlana
Petrović Z. Ljubica
Cvjetić R. Branka
Živanović A. Momir
Odović B. Maja
Lukić M. Dragoljub
Sofrenić S. Miroslav
Perović D. Snežana
Jordanov Ž. Gabrijela
Radulović M. Aleksandra
Jovanović S. Maja
Savić M. Slavica
Nikolić S. Nataša
Knežević D. Dragoljub
Opačić M. Milena
Majstorović M. Divna
Tomić S. Biljana
Rac A. Vladislav

2003

Maravić S. Dubravka
Damjanac M. Tatjana
Mijatović D. Miroslav

Abazović D. Nadica
Krklješ N. Aleksandra
Dašić L. Andrea
Ranković P. Dragan
Dimitrijević S. Jasminka
Vučićević D. Snežana
Nikolić B. Vesna
Radišić Aleksandra
Fekete K. Marijana
Pešić V. Jelena
Mitrović S. Aleksandar
Dinulović Ž. Daniela
Ranković M. Radomir
Simić D. Nataša
Mladenović D. Milena
Tomić M. Katarina
Dragičević Jelena
Vučković P. Veselin
Novović R. Ivana
Udovičić M. Ana
Jončić R. Vladana
Drobnjak R. Vesna
Stokasimov M. Ema
Brašnjević Lj. Ivona
Rakić A. Aleksandra
Goljović M. Mirjana
Matijašević S. Jasmina
Abu Rabi S. Anđela
Bajuk V. Danica

Maksić D. Aleksandar
Stojković B. Ivana
Cvjetičanin M. Jelena
Dragana J. Jovanović
Vojislavljević M. Katarina
Silvio M. Kečkeš
Ćirić D. Ivana
Grgić P. Danijel
Perišić J. Biljana
Ristić P. Dejan
Kostić M. Miljana
Edelja D. Adela
Gligorijević R. Andrijana

2004

Mičić M. Maja
Vasić N. Milena
Al Vazan N. Sanja
Popović Č. Maja
Blagajić D. Dunja
Ostojić M. Anka
Petrović L. Jelena
Milovanović S. Snežana
Anđelković M. Dragana
Maksimović D. Žaklina
Grandić-Aleksić S. Dragana
Racković M. Marko
Jović D. Maja
Novaković M. Mirjana

Milošević M. Marija
 Inić D. Slobodanka
 Ivanović Z. Ana
 Vukelić N. Jana
 Dobrijević M. Danijela
 Obradović S. Zorica
 Kremenović S. Aleksandar
 Etinski R. Mihajlo
 Ristić M. Miroslav
 Brdarić P. Tanja
 Tomić T. Dragana
 Radojević R. Nataša
 Pošarac B. Milica
 Manojlović M. Selenia
 Ninić N. Marina

2005

Stojanović D. Miloš
 Đustebek B. Jasmina
 Marstjepović Đ. Nada
 Ratković R. Slađana
 Ivanović Ž. Aleksandra
 Momčilović D. Miloš
 Čeliković V. Ana
 Dežarov-Stamenković I. Ivana
 Ćorović M. Vesna
 Dokić V. Jadranka
 Miletić N. Tatjana
 Radovanović Đ. Milana

Dragoljević M. Jelena
 Nurković M. Melisa
 Nikolić M. Vladimir
 Nedić M. Bojana
 Gavrilov M. Nemanja
 Krkljuš B. Ivana
 Drvendžija M. Milica
 Mraković Đ. Ana
 Đapić J. Nadežda
 Milojević Z. Maja
 Musić D. Dragana
 Dašić L. Marina
 Janošević S. Aleksandra
 Zarić R. Olgica
 Kuga Tanja
 Andrić M. Nenad
 Alimpić R. Slavica
 Kunarac S. Ognjen
 Jevtić S. Marija

2006

Živanović G. Violeta
 Ristić V. Biljana
 Milenković R. Milan
 Jovanović M. Zoran
 Stokić N. Dragana
 Mihajlović P. Aleksandra
 Bažalac R. Vesna
 Radaković N. Srđan

Šaronjić T. Ivana
 Rančić R. Mirjana
 Samolov D. Aleksandra
 Radovanović M. Ivana
 Popčević R. Ivana
 Stević C. Milica
 Perić R. Dragica
 Cvijović E. Jelena
 Momčilović Z. Milan
 Sindić V. Milena
 Stevanović Ž. Suzana
 Časić B. Nebojša
 Milosavljević S. Olivera
 Radosavljević S. Nataša
 Stojanović I. Ana
 Vezmar M. Olgica
 Babarci L. Silvia
 Milošević T. Dragan
 Hadži-Đorđević I. Jelena
 Petković M. Marija
 Perišić N. Nebojša
 Stanojević S. Jelena
 Vujković J. Milica
 Stojković N. Maja

2007

Tasić S. Gvozden
 Krunić D. Nenad
 Pavlović M. Katarina

Puševac D. Marija
Arsić V. Marina
Ivezić R. Marko
Tripković D. Jelena
Jovanović M. Zoran
Marjanović I. Olgica
Živković M. Biljana
Stanković M. Andrijana
Milanović Ž. Dragana
Pašti A. Igor
Stošić K. Dušan
Petrović S. Milica
Bogdanović M. Una
Savić M. Marjetka
Banković J. Daliborka
Rapajić D. Maja
Mustafa E. Mevza
Dragičević R. Ljiljana
Brankov S. Jelena
Jokić S. Nadežda
Stevanović M. Saša
Zindović D. Nataša
Čugalj S. Snežana
Milenović R. Vladimir
Trpkov B. Đorđe

2008

Ridić D. Danijela
Đorđević R. Miloš

Kovačević M. Maja
Beljić B. Biljana
Savić B. Ana
Gojačanin R. Dušica
Kragović M. Milan
Marković D. Vesna
Nešković D. Jelena
Živković D. Dragana
Vukomanović M. Snežana
Jelić Z. Ana
Lazarević Ž. Magdalena
Čirković V. Milica
Šoštaric I. Andrej
Mihajlović N. Ljiljana
Gilić D. Martina
Maksin D. Danijela
Vićentijević D. Dragana
Jović S. Aleksandar
Bošković M. Desanka
Radaković S. Jana
Kusić S. Dragana
Kumrić V. Sandra
Grdanović K. Tamara
Anđelović J. Ivana
Stević M. Nenad
Nikolić Ž. Jasmina
Obradović G. Lanka
Bojović M. Jelena
Đorđević M. Mladen

Ždrakanović N. Aleksandra
Gajin D. Ljiljana
Glodić B. Pavle
Stevanović I. Ana
Maletić S. Dejan
Ćirić D. Katarina
Simonović Lj. Jasna
Milosavljević M. Danica
Milić B. Ivana
Savanović D. Igor
Jovanović D. Uroš
Maksimović D. Sanja
Sarić M. Marica
Veselinović M. Mirjana
Pršić Z. Sanja
Milenković C. Maja

2009

Stanković M. Dušica
Ješić D. Dragana
Vujsin T. Radojka
Lukić J. Miodrag
Damnjanović N. Bojana
Venjac S. Biljana
Antić M. Marijana
Perović S. Milanka
Plamenac M. Jelena
Rotić Z. Zorana
Panić M. Ivan

Vranješ R. Mila
 Mitić D. Bojana
 Kosanović A. Darko
 Vranješ M. Zdravko
 Popović M. Ivana
 Nikolašević M. Ana
 Stojanović M. Ljiljana
 Marković M. Vladimir
 Šešlak Ž. Bojan
 Ćirković M. Jovana
 Potočnik M. Jelena
 Čebela Ž. Maria
 Lazarević D. Sandra
 Kulić S. Anita
 Senčanski V. Jelena
 Milić S. Tanja
 Kamčeva T. Tina
 Buzadžić M. Tanja
 Savić D. Tatjana
 Bubonja J. Jelena
 Mudrinić M. Tihana
 Vučinić Ž. Iva
 Čičarević B. Koča
 Novković S. Iva
 Krstić I. Jelena
 Rašković Ž. Željka
 Ristanović M. Zoran
 Omerašević O. Mia

2010

Čujić R. Mirjana
 Mihajlović V. Ivana
 Stajković P. Ana
 Mihailović M. Jelena
 Ilić S. Mirijana
 Makević M. Sonja
 Kotur M. Mladen
 Miulović M. Snežana
 Tuvić D. Tamara
 Meseldžija S. Slađana
 Stanković M. Ivana
 Sarap B. Nataša
 Nikolić N. Violeta
 Milenković S. Aleksandra
 Ignjatović M. Marija
 Popović N. Dušan
 Jovančić S. Nikola
 Pavićević A. Aleksandra
 Pulja M. Dragica
 Vasić D. Dragana
 Arseviski S. Dragana
 Ivanković D. Nataša
 Milovanović Z. Milan
 Antanasijević M. Aleksandar
 Ivanović Milutin
 Milošević S. Sanja
 Milović D. Miloš
 Vasić M. Milica

Mićić M. Darko
 Čolić P. Viktor
 Đukić B. Anđelka
 Cicvarić Z. Ana
 Milanović V. Igor
 Živanović Z. Miloš
 Tešović M. Bogdan
 Radonjić D. Vojkan
 Maćešić R. Stevan
 Petrović M. Jelena
 Georgijević D. Radovan
 Cicmil D. Dimitrije
 Đurđević O. Jelena
 Ilić D. Sara
 Stojiljković S. Aleksandra

2011

Grković A. Ana
 Vujin G. Jasna
 Tomić M. Nataša
 Ivošević V. Ivana
 Filipović R. Nenad
 Veličković J. Jovana
 Milićević R. Bojana
 Ćulubrk B. Sanja
 Savić R. Milijana
 Mandić M. Slavica
 Kuzmanović R. Bojana
 Ilić J. Jovana

Ignjatović B. Nevena
Jovanović Lj. Dalibor
Trajković Đ. Jasmina
Bokan S. Jelena
Tomašević D. Tijana
Medić M. Mirjana
Stefanović D. Ljiljana
Koprivica M. Slavica
Kostić B. Nataša
Đajić V. Tatjana
Krsmanović I. Marijana
Dimitrijević N. Aleksandra
Živojinović A. Jelena
Ilić Z. Jelena
Milikić N. Jadranka
Karajović M. Konstantin
Anđelić J. Uroš
Stupar N. Petar
Janošević J. Valentina
Bubanja M. Itana Nuša
Petković D. Sandra
Vujašević J. Divna
Marković A. Marija

Stoševski D. Ivan
Jovanović V. Jasna
Beloš V. Milica
Travica V. Tatjana
Simić Dragana
Korićanac B. Vladimir
Mićović D. Dragana
Kisić D. Danilo
Pavlović M. Milanka

2012

Todorović N. Marija
Rašljić B. Milena
Andrić R. Jelena
Mičić Đ. Olivera
Miljković N. Ana
Jovanović Z. Vladimir
Kozić M. Valerija
Mujačić A. Lidija
Žarković Ž. Ivan
Baljuzović R. Miloš
Kovrlja M. Ružica
Janković Ž. Aleksandra
Savić Lj. Tanja

Stanković S. Branislav
Vinić L. Milica
Đurišić Z. Tijana
Janjić M. Vladimir
Ristić S. Suzana
Cvijetić B. Borjana
Dimitrijević S. Milena
Lilić N. Aleksandra
Conić Ž. Dragan
Radojičić M. Ana
Meandžija Danijela
Stupar P. Ana
Đuranović D. Danijel
Vokić Č. Nikola
Petković M. Anđela
Barlov V. Milena
Bunđa M. Viktorija
Rajić B. Vladimir
Kostić A. Tijana
Pavlović S. Marko
Stojanović R. Sunčica

LIČNA KARTA FAKULTETA



Broj zaposlenih sa punim radnim vremenom	70
Broj nastavnika na fakultetu	23
Broj doktora nauka na fakultetu	33
Broj nastavnika sa drugih fakulteta	9
Broj naučnih radova 1093-2013.	1968
Broj objavljenih knjiga i udžbenika	98
Broj studenata koji su završili osnovne studije	1588
Broj studenata koji su završili specijalističke studije	75
Broj studenata koji su diplomirali na studijskom programu <i>Specijalističke strukovne studije Forenzika</i>	3
Broj studenata koji su završili master studije po studijskom programu iz 2007.	150
Broj studenata koji su završili magistarske studije	323
Broj studenata koji su doktorirali na fakultetu	243
Broj studenata koji su doktorirali na nekom drugom domaćem ili inostranom univerzitetu	175

