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2006-2012.

Ime kandidata	Ime mentora	Naziv disertacije	Godina	Publikovani rezultati	*M
Milica Petrovi Damjanovi	Jelena Radi -Peri	Ispitivanje uticaja mangana na optičke osobine uskoznih poluprovodnika tipa $Hg_{1-x}Mn_xTe_{1-y}Se_y$ i $Cd_{1-x}Mn_xS$	2013	R. Kosti , M. Petrovi Damjanovi , N. Rom evi , M. Rom evi , D. Stojanovi , M. Rom evi , Far – infrared spectroscopy of $Cd_{1-x}Mn_xS$ quantum dots, Journal of Alloys and Compounds, <b>521</b> , 134 – 140 (2012)	M21
				M. Petrovi , N. Rom evi , M. Rom evi , G. Staniši , D. Vasiljevi -Radovi , J. Traji , Z. Lazarevi , S. Kosti , Spectroscopy characterization of MnSe nanoclusters randomly distributed in HgMnTe single crystal, Journal of Crystal Growth, <b>338</b> , 75-79 (2012)	M22
Nataša Lazarevi	Borivoj Adn evi	Izotermna kinetika desorpcije i otpuštanja nikotina sa različitih adsorbenata i hidrogela	2012	N. Lazarevic, B. Adnadjevic, J. Jovanovic, Adsorption of nicotine from aqueous solution onto hydrophobic zeolite type USY, Appl. Surf. Sci. 2011, 257 (18) 8017-8023.	M21
				N. Lazarevic, J. Jovanovic, M. Jevremovic, M. Nikolic, B. Adnadjevic, Kinetics of Isothermal Nicotine Adsorption from the Aqueous Solution onto the USY Zeolite, Ind. Eng. Chem. Res. 49 (14), 2010, 6302–6308.	
				B. Adnadjevic, N. Lazarevic, J. Jovanovic, A study of the kinetics of isothermal nicotine desorption from silicon dioxide, Appl. Surf. Sci. 2010, 257 (5) 1425-1430.	M22
Milica Stevi	Ljubiša Ignjatovi	Voltometrijsko i hromatografsko ponašanje i određivanje 6- i 8-supstituisanih hinolina	2012	M.C. Stevi , G. Iri -Marjanovi , B. Marjanovi , Lj.M. Ignjatovi , D. Manojlovi ; „The electrochemical oxidation of 6-aminoquinoline: Computational and voltammetric study; Journal of The Electrochemical Society”, 159 (2012) 151–159.	M21
				M.C. Stevi , Lj.M. Ignjatovi , G. Iri -Marjanovi , B. Marjanovi , J. Barek, J. Zima; „Electrochemical oxidation of 6-hydroxyquinoline on a glassy carbon paste electrode: Voltammetric and computational study”; Journal of Electroanalytical Chemistry, 677–680 (2012) 69–77.	
				M.C. Stevi , Lj.M. Ignjatovi , G. Iri -Marjanovi , S.M. Staniši , D.M. Stankovi , J. Zima; „Voltammetric Behaviour and Determination of 8-Hydroxyquinoline Using a Glassy Carbon Paste Electrode and the Theoretical Study of its Electrochemical Oxidation Mechanism”; International Journal of Electrochemical Science, 6 (2011) 2509–2525.	M22
Jasmina Ustebek	Jelena Radi -Peri	Dobijanje litijum halogenidnih klastera tipa $Li_nX$ ( $X=F, I, n=2-6$ ) pomoću Knudsenove ćelije postavljene u jonizacionu komoru masenog spektrometra i određivanje njihovih svojstava	2012	J. Ustebek, S. Veli kovi , S. Jerosimi , M. Veljkovi , Mass spectrometric study of the structures and ionization potential of $Li_nI$ ( $n=2, 4, 6$ ) clusters, J. Anal. At. Spectrom. <b>26</b> (2011) 1641-1647.	M21
				J. Ustebek, S. Veli kovi , F. Veljkovi , M. Veljkovi , Production of heterogeneous super alkali clusters $Li_nF$ ( $n=2-6$ ) by Knudsen cell Mass Spectrometry, Digest Journal of Nanomaterials and Biostructures, 7 (2012) 1365-1372	

<b>Maja Popovi</b>	Š epan Miljani	<b>Modifikacija svojstava tankoslojnih TiN struktura na silicijumskoj podlozi bombardovanjem jonima</b>	2012	Popovi , M. Novakovi , N. Bibi , „Structural characterization of TiN coatings on Si substrates irradiated with Ar ions”, <i>Materials characterization</i> <b>60</b> (2009) 1463-1470	M21
				M. Popovi , M. Novakovi , M. Šiljegovi , N. Bibi , „Effects of 200 keV argon ions irradiation on microstructural properties of titanium nitride films”, <i>Nuclear Instruments and Methods B</i> , <b>279</b> (2012) 144-146.	
<b>Mirjana Novakovi</b>	Š epan Miljani	<b>Nanostrukturna karakterizacija tankih slojeva CrN i Co na podlozi od silicijuma, modifikovanih bombardovanjem jonima</b>	2012	M. Novakovi , K. Zhang, M. Popovi , N. Bibi , H. Hofsäss, K.P. Lieb "Xenon-ion-induced and thermal mixing of Co/Si bilayers and their interplay" <i>Nuclear Instruments and Methods B</i> 269 (2011) 881-885	M21
				M. Novakovi , A. Traverse, M. Popovi , K.P. Lieb, K. Zhang, N. Bibi "Microstructural and opto-electrical properties of chromium nitride films implanted with vanadium ions" <i>Radiation Effects and Defects in Solids</i> , 167 (2012) 496-505	M23
<b>Smiljana Jeli</b>	Ljiljana Kolar-Ani	<b>Modelovanje uticaja stresa na dinamiku hipotalamo-hipofizno-adrenalnog sistema</b>	2012	Jeli S, upi Ž, Kolar-Ani Lj, Vukojevi V. Predictive modeling of the hypothalamic-pituitary-adrenal (HPA) function. Dynamic systems theory approach by stoichiometric network analysis and quenching small amplitude oscillations. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> 10(10), (2009) 1505-1526	M2
				Jeli S, upi Ž, Kolar-Ani Lj. Mathematical modelling of the hypothalamic-pituitary-adrenal system activity. <i>Mathematical Biosciences</i> 197 (2005) 173-187	
<b>Dijana Jeli</b>	Slavko Mentus	<b>Termogravimetrijsko ispitivanje redukcije volframata i molibdata bakra i srebra u atmosferi vodonika</b>	2012	D. Jeli , B. Tomi -Tucakovi and S. Mentus, "A kinetic study of copper(II) oxide powder reduction with hydrogen, based on thermogravimetry", <i>Thermochemica Acta</i> 521 (2011) 211-217	M22
				D. Jeli , J. Penavin-Škundri , D. Majstorovi and S. Mentus, "The thermogravimetric study of silver(I) oxide reduction by hydrogen", <i>Thermochemica Acta</i> 526 (2011) 252-256	
<b>Aleksandra Janoševi</b>	Gordana iri - Marjanovi	<b>Sinteza i karakterizacija nanostrukturiranih polianilina: oksidativna polimerizacija anilina u prisustvu fenolnih kiselina</b>	2012	Janoševi A., iri -Marjanovi G., Marjanovi B., Holler P., Trchová M., Stejskal J., Synthesis and characterization of self-assembled conducting polyaniline 5-sulfosalicylate nanotubes and nanorods, <i>Nanotechnology</i> 19 (2008) 135606 (8pp).	M21
				Janoševi A., iri -Marjanovi G., Marjanovi B., Trchová M., Stejskal J., 3,5-Dinitrosalicylic acid-assisted synthesis of self-assembled polyaniline nanorods, <i>Materials Letters</i> 64 (2010) 2337-2340.	
				Janoševi A., Pašti I., Gavrilov N., Mentus S., iri -Marjanovi G., Krsti J., Stejskal J., Micro/mesoporous conducting carbonized polyaniline 5-sulfosalicylate nanorods/nanotubes: Synthesis, characterization and electrocatalysis, <i>Synthetic Metals</i> 161 (2011) 2179-2184.	
				Janoševi A., Krsti J., Pašti I., Gavrilov N., Mentus S., iri -Marjanovi G., Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties, <i>Microporous &amp; Mesoporous Materials</i> 152 (2012) 50-57.	
				Janoševi A., G. iri -Marjanovi G., B. Šljuki -Paunkovi B.,	

				Pašti I., Trifunovi S., Marjanovi B., Stejskal J., <i>Synthetic Metals</i> , u štampi, korigovani proof, doi: 10.1016/j.synthmet.2012.03.009.	
<b>Bojan Jankovi</b>	Borivoj Adna evi	<b>Primena Weibull-ove statistike za odre ivanje raspodele prividne energije aktivacije termi ki aktiviranih heterogenih procesa</b>	2012	B. Adna evi , B. Jankovi , Lj. Kolar-Ani , D. Mini , Normalized Weibull distribution function for modelling the kinetics of non-isothermal dehydration of equilibrium swollen poly (acrylic acid) hydrogel, <i>Chemical Engineering Journal</i> , 130, 2007, 11-17.	M21
				B. Jankovi , B. Adna evi , S. Mentus, The kinetic study of temperature-programmed reduction of nickel oxide in hydrogen atmosphere, <i>Chemical Engineering Science</i> , 63, 2008, 567-575.	
				B. Adna evi , B. Jankovi , A new method for evaluation of the isothermal conversion curves from the nonisothermal measurements. Application in nickel oxide reduction kinetics, <i>Industrial and Engineering Chemistry Research</i> , 48, 2009, 1420-1427.	
				B. Adna evi , B. Jankovi , Lj. Kolar-Ani , J. Jovanovi , Application of the Weibull distribution function for modeling the kinetics of isothermal dehydration of equilibrium swollen poly (acrylic acid) hydrogel, <i>Reactive and Functional Polymers</i> , 69, 2009, 151-158.	
<b>Zoran Jovanovi</b>	Nikola Cvjeti anin	<b>Uticaj implantacije jona vodonika na svojstva staklastog ugljenika</b>	2012	<b>Jovanovi , Zoran</b> ; Kalijadis, Ana; Vasiljevi -Radovi , Dana; Eri , Marko; Lauševi , Mila; Mentus, Slavko; Lauševi , Zoran <i>Modification of glassy carbon properties under low energy proton irradiation Carbon</i> <b>49</b> (2011) 3737-3746.	M21
				<b>Jovanovi , Zoran</b> ; Pasti, Igor.; Kalijadis, Ana.; Lauševi , Mila; Mentus, Slavko; Lauševi , Zoran; <i>Platinum deposition from hydrogen-ion beam irradiated solid precursor Materials Letters</i> <b>65</b> (2011) 2655-2657.	
				<b>Jovanovic, Zoran</b> ; Kalijadis, Ana.; Lauševi , Mila; Lauševi , Zoran, The evolution of hydrogen from proton irradiated glassy carbon <i>Nuclear Instruments &amp; Methods B</i> 269 (2011) 2578-2583	
<b>Ljiljana Stojanovi</b>	Miljenko Peri	<b>Ab initio prou avanje vibronske i spin-orbitne strukture spektra arsen-dikarbida</b>		I. S. Jerosimi , Lj. Stojanovi , M. Peri , „ <i>Ab initio</i> study of the $1^2 - X^2$ electronic transition of $C_2As$ ”, <i>J. Chem. Phys.</i> 133 (2010) 024307 1–10.	M21
				Lj. Stojanovi , S. Jerosimi , M. Peri . „ <i>Ab initio</i> study on the ground and low-lying doublet electronic states of linear $C_2As$ ”, <i>Chem. Phys.</i> 379 (2011) 57–65	M22
				M. V. Sen anski, Lj. Stojanovi , S. Jerosimi , J. Radi -Peri , M. Peri , „On the relationship between molecular spectroscopy and statistical mechanics: calculation of vibrational-rotational energy levels and partition functions in the ground electronic state of $BC_2$ “ <i>J. Serb. Chem. Soc.</i> 76 (2011) 557–573	M23
<b>Katarina Rajkovi</b>	Goran Ba i	<b>Klasifikacija neurona i matemati ki model njihovog prenatalnog razvoja -</b>	2011	N.T. Miloševi , D. Ristanovi , H.F. Jelinek, K. Rajkovi , Quantitative analysis of dendritic morphology of the alpha and delta retinal ganglion cells in the rat: a cell classification study. <i>J. Theor. Biol.</i> 259 (2009) 142-150	M21

		<b>primena fraktalne, modifikovane Šolove i geometrijske analize na dvodimenzionalne mikroskopske slike neurona <i>in vitro</i></b>		N.T. Milošević, D. Ristanović, D. Mari, K. Rajković, Morphology and cell classification of large neurons in the adult human dentate nucleus: A quantitative study, <i>Neurosci Lett</i> 468 (2010) 59–63. D. Ristanović, N.T. Milošević, B. Stefanović, D. Mari, K. Rajković, Morphology and classification of large neurons in the adult human dentate nucleus: A qualitative and quantitative analysis of 2D images, <i>Neurosci Res.</i> 67 (2010) 1–7.	M23
Milan Senanski	Miljenko Peri	<b>Ab initio ra unanje vibraciono-rotacionih nivoa i particionih funkcija osnovnog elektronskog stanja BC<sub>2</sub></b>	2011	R. Vujasin, M. Senanski, J. Radi -Peri, M. Peri : A comparison of various variational approaches for solving the one-dimensional vibrational Schrödinger Equation, <i>MATCH</i> , 63(2) (2010) 363–378	M21
				S.V. Jerosimi, M.V. Senanski, J. Radi -Peri : Ab initio investigation of the ground X <sup>2</sup> A' [X <sup>2</sup> A <sub>1</sub> ] and low-lying excited electronic states of C <sub>2</sub> B, <i>THEOCHEM</i> , 944(1–3) (2010) 53–60.	M23
				M.V. Senanski, J. Radi -Peri, M. Peri : On the relationship between molecular spectroscopy and statistical mechanics: Calculation of partition functions for triatomic molecules undergoing large-amplitude vibrations, <i>J. Serb. Chem. Soc.</i> , 76 (4) (2011) 539–555.	
Bojana Nedi Vasiljevi	Vera Dondur	<b>Sinteza i strukturna karakterizacija barijum- i stroncijum-alumosilikata dopiranih jonima Yb<sup>3+</sup>, Er<sup>3+</sup> i Ce<sup>3+</sup></b>	2011	Nedi, B.; Kremenović, A.; Dondur, V.; Dimitrijevi, R., Crystal structures of Sr-diphyloaluminosilicates synthesized from LTA and FAU zeolites. <i>Solid State Sciences</i> (2008), 10(2), p. 154-159	M21
				Nedi, B.; Kremenović, A.; Dondur, V.; Dimitrijevi, R., Strontium deficient feldspar - structure and X - ray powder diffraction line broadening analysis, <i>Crystal Research and Technology</i> (2008), 43(3), p. 266-272.	M23
				Nedi, B.; Dondur, V.; Kremenović, A.; Dimitrijevi, R.; Anti B.; Blanuša, J.; Vasiljevi -Radović, D.; Stoilković, M. Yb <sup>3+</sup> doped diphylosilicates prepared by thermally induced phase transformation of zeolites, <i>Russian Journal of Physical Chemistry A</i> (2007), 81(9), p. 1413-1417.	
Svetlana Staniši	Ljubiša Ignjatović	<b>Pore enje tehnika ekstrakcije za odre ivanje sadržaja konstituentnih i zaga iva kih jona u zemljištu</b>	2011	Svetlana M. Staniši, Ljubiša M. Ignjatović, Dragan D. Manojlović, Biljana P. Doj inović, „The comparison of sample extraction procedures for the determination of cations in soil by IC and ICP-AES“, <i>Cent. Eur. J. Chem.</i> 9 (2011), 481	M23
				Svetlana M. Staniši, Ljubiša M. Ignjatović, Aleksandar R. or evi, Milica C. Stević, „The influence of the soil sample	

				preparation on the results of multiple anion determination by ion chromatography", J. Serb. Chem. Soc. 76 (2011) 769 Svetlana M. Staniši , Ljubiša M. Ignjatovi , Ivan An elkovi , Milica C. Stevi , Aleksandra Tasi , „The ultrasound assisted extraction of matrix and heavy metal fractions associated with Fe, Al and Mn oxyhydroxides from soil“, J. Serb. Chem. Soc., prihva en za štampu, (2011)	
Nebojša Labus	Dragica Mini	Sinterovanje i svojstva sinterovanog ZnTiO <sub>3</sub>	2011	Labus N., Stevanovi S., Risti M.M., «Sintering of mechanically activated ZnO –TiO <sub>2</sub> », Powder Metallurgy and Metal Ceramics, Vol.47, No. 1-2 (459), 2008, 55-62 M.V.Nikolic, N.Labus, M.M.Ristic, »Densification rate and phase structure changes during sintering of zinc titanate ceramics«, Ceramics International, 35 (2009) 3217-3220	M22
Ana Kalijadis	Slavko Mentus	Uticaj ugradnje bora na strukturne i površinske osobine staklastog ugljenika	2011	Ana Kalijadis, Zoran Jovanovi , Mila Lauševi , Zoran Lauševi , <i>The effect of boron incorporation on the structure and properties of glassy carbon</i> Carbon 49 (2011) 2671 –2678 Imp. Faktor: 4.893	M21
				M. Vuk evi , A. Kalijadis, S. Dimitrijevi -Brankovi , Z. Lauševi and M. Lauševi <i>Surface characteristics and antibacterial activity of a silver-doped carbon monolith</i> Science and Technology of Advanced Materials 9 (2008) 015006 Imp. Faktor: 1.267	M22
				M. Ba i -Vuk evi , A. Udovi i , Z. Lauševi , A. Peri -Gruji , M. Lauševi <i>Surface Characteristics and Modification of Different Carbon Materials</i> , Materials Science Forum 518 (2006) 217-222 Imp. Faktor: 0.399	M23
				Ana M. Kalijadis, Marija M. Vuk evi , Zoran M Jovanovi , Zoran V. Lauševi and Mila D. Lauševi , <i>Characterisation of Surface Oxygen Groups on Different Carbon Materials by Boehm's Method and TPD</i> Journal of the Serbian Chemical Society 76 (2011) 757-768 Imp. Faktor: 0.725	
Isidora Ceki - Laskovi	Dragica Mini	Elektrospektrohemijsko prou avanje 5-supstituisanih 2-alkilden 4-oksotioazolidina	2011	Cekic-Laskovic Isidora B Markovic Rade R Minic Dragica M Volanschi Elena, Reactivity of substituted 4-oxothiazolidine derivatives in electron transfer reactions: A spectroelectrochemical study and mechanistic aspects, ELECTROCHIMICA ACTA, (2011), vol. 56 br. 14, str. 5257-5265	M21
				Cekic-Laskovic Isidora B Markovic Rade R Minic Dragica M Volanschi Elena, Electrochemical reduction of 5-etoxy carbonylmethylidene-4-oxothiazolidine-2-ylidene)-N-phenylethanone in aprotic medium: A spectroelectrochemical approach, JOURNAL OF ELECTROANALYTICAL CHEMISTRY, (2011), vol. 651 br. 1, str. 50-60	M22
Danijela Jašin	Slavko Mentus	Elektrohemijsko formiranje kompozitnih slojeva Au/TiO <sub>2</sub> i Au-Ta <sub>2</sub> O <sub>5</sub> i njihove elektrokataliti ke osobine	2011	Mentus Slavko V Abu Rabi Andjela Jasin Danijela, Oxygen reduction on potentiodynamically formed Pd/TiO <sub>2</sub> composite electrodes, ELECTROCHIMICA ACTA, (2012), vol. 69 br. , str. 174-180 Jasin Danijela Abu Rabi Andjela Mentus Slavko V Jovanovic Dusan S, Oxygen reduction reaction on spontaneously and potentiodynamically formed Au/TiO <sub>2</sub> composite surfaces,	M21

				ELECTROCHIMICA ACTA, (2007), vol. 52 br. 13, str. 4581-4588	
<b>Svetlana Jovanovi</b>	Ivanka Holclajtner-Antunovi	<b>Strukturna modifikacija jednoslojnih ugljeni nih nanotuba pod uticajem gama zra enja i funkcionalizacije</b>	2011	Zoran Markovi , <b>Svetlana Jovanovi</b> , Duška Kleut, Nebojša Rom evi , Vukoman Jokanovi , Vladimir Trajkovi , Biljana Todorovi -Markovi , Comparative study on modification of single wall carbon nanotubes by sodium dodecylbenzene sulfonate and melamine sulfonate superplasticiser, Applied Surface Science 255 (2009) 6359–6366 (IF= 1,616).	M21
				<b>Svetlana Jovanovi</b> , Zoran Markovi , Duška Kleut, Nebojša Rom evi , Vladimir Trajkovi , Miroslav Drami anin, Biljana Todorovi Markovi , A novel method for the functionalization of -irradiated single wall carbon nanotubes with DNA, Nanotechnology 20 (2009) 445602 (7pp) (IF= 3,446).	
				<b>Svetlana Jovanovi</b> , Zoran Markovi , Duška Kleut, Nebojša Rom evi , Milena Marinovi Cincovi , Miroslav Drami anin and Biljana Todorovi Markovi , Functionalization of Single Wall Carbon Nanotubes by Hydroxyethyl Cellulose, Acta Chimica Slovenica 56 (2009) 892–899 (IF=1,066).	M22
<b>Ljiljana Jankovi - Mandi</b>	Goran Ba i	<b>Radioaktivnost zemljišta Beograda: distribucija prirodnih i vešta kih radionuklida i procena radijacionog izlaganja stanovništva</b>	2011	Lj. Jankovi Mandi , S. Dragovi , Assessment of terrestrial gamma exposure to the population of Belgrade (Serbia), Radiat. Prot. Dosim. 140 (2010) 369-370.	M22
				Lj. Jankovi Mandi , R. Dragovi , S. Dragovi , Distribution of lithogenic radionuclides in soils of the Belgrade region (Serbia), J. Geochem. Explor. 105 (2010) 43-49.	
<b>Milan Marki evi</b>	Goran Ba i	<b>Zna aj ekspresije, regulisane estrogenom, proteina pS2 i katepsina D u primarnom operabilnom karcinomu dojke</b>	2011	Nikoli -Vukosavljevi D, Marki evi M, Gruji -Adanja G, Petrovi A, Kanjer K, Neškovi - Konstantinovi Z. Cathepsin D-related disease-free interval in pT1 primary breast carcinomas: a pilot study. Clinical & Experimental Metastasis 2005;22:363-8	M22
				Marki evi M, Petrovi A, Kanjer K, Neskovi - Konstantinovi Z, Nikoli -Vukosavujevi D. Estrogen-regulated cut-off values of pS2 and cathepsin D expression in breast carcinomas. Adv Exp Med Biol 2008;617:341-8.	M23
<b>Miroslav Risti</b>	Ivanka Holclajtner Antunovi	<b>Pobu ivanje molekula H<sub>2</sub>, N<sub>2</sub> i CO elektronima niskih energija</b>	2011	G. B. Popari , <u>M. Risti</u> and D. S. Beli , Resonant vibrational excitation and de-excitation of N <sub>2</sub> (v) by low-energy electrons, J. Phys. Chem. A, 112 (17) (2008) 3816–3822	M21
				G. B. Popari , <u>M. Risti</u> and D. S. Beli , Resonant vibrational excitation and de-excitation of CO(v) by low-energy electrons, J. Phys. Chem. A, 112 (48) (2008) 12296–12302	
				G. B. Popari , <u>M. Risti</u> and D. S. Beli , Electron energy transfer rate coefficients of carbon dioxide, J. Phys. Chem. A, 114 (4) (2010) 1610–1615	
				G. B. Popari , <u>M. Risti</u> and D. S. Beli , Resonant vibrational excitation of H <sub>2</sub> by electron impact: Full-range differential cross sections, Phys. Rev. A, 82 (2010) 012706	
<b>Marija Vukomanovi</b>	Gordana iri - Marjanovi	<b>Kontrolisano osloba anje antibiotika iz nanosfera poli(d,l-laktid-</b>	2011	M. Vukomanovi , S. D. Škapin, T. Maksin, N. Ignjatovi , V. Uskokovi , D. Uskokovi , "Poly(D,L-lactide-co-lycolide)/hydroxyapatite core-shell nanosphere. Part 1: Multifunctional system for controlled drug delivery", Colloids	M22

		<b>koglikolid)/hidroksiapatita sintetisanih u ultrazvu nom polju</b>		Surf. B Biointerfaces, 82 (2011) 404-413. M. Vukomanovi , S. D. Škapin, I. Poljanšek, E. Žagar, B. Kralj, N. Ignjatovi , D. Uskokovi , "Poly(D,L-lactide-co-glycolide)/hydroxyapatite core-shell nanosphere. Part 2: Simultaneous release of a drug and a prodrug (clindamycin and clindamycin phosphate)", Colloids Surf. B Biointerfaces, 82 (2011) 414-421.	
<b>Marija Mihajlovi</b>	Goran Ba i	<b>Strukturno modeliranje inhibitora glikoproteinskih neuraminidaza virusa gripa H5N1</b>	2011	Mihajlovic Marija L. Mitrasinovic Petar 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, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, (2009), vol. 74 br. 1, str. 1-13 Mihajlovic Marija L. Mitrasinovic Petar M, Applications of the ArgusLab4/AScore protocol in the structure-based binding affinity prediction of various inhibitors of group-1 and group-2 influenza virus neuraminidases (NAs), MOLECULAR SIMULATION, (2009), vol. 35 br. 4, str. 311-324 Mihajlovic Marija L. Mitrasinovic Petar M, Another look at the molecular mechanism of the resistance of H5N1 influenza A virus neuraminidase (NA) to oseltamivir (OTV), BIOPHYSICAL CHEMISTRY, (2008), vol. 136 br. 2-3, str. 152-158	M23
<b>Ksenija Kumri</b>	Š epan Miljani	<b>Membranska ekstrakcija Lu(III) u kontektoru sa jednom mikroporoznom kapilarom i primena za razdvajanje nevezanog <sup>177</sup>Lu(III) i radiofarmaceutika obeleženog <sup>177</sup>Lu(III)</b>	2010	Djordjevic Jelena S Trtic-Petrovic Tatjana M Kumric Ksenija R Purenovic Milovan M, Application of ACD/LABS 12 Program for Determination of Conditions for Experimental Membrane Extraction of Pesticides, HEMISKA INDUSTRIJA, (2010), vol. 64 br. 3, str. 221-225 Trtic-Petrovic Tatjana M Kumric Ksenija R Djordjevic Jelena S Vladislavljevic Goran T, Extraction of lutetium(III) from aqueous solutions by employing a single fibre-supported liquid membrane, JOURNAL OF SEPARATION SCIENCE, (2010), vol. 33 br. 13, str. 2002-2009 Kumric Ksenija R Trtic-Petrovic Tatjana M Koumariou Eftichia Archimandritis Spyridon C Comor Jozef J, Supported liquid membrane extraction of Lu-177(III) with DEHPA and its application for purification of Lu-177-DOTA-lanreotide, SEPARATION AND PURIFICATION TECHNOLOGY, (2006), vol. 51 br. 3, str. 310-317	M23 M22 M21
<b>Rada urovi</b>	Ljubiša Ignjatovi	<b>Razvoj i primena metoda mikroekstrakcije u vrstoj fazi za odre ivanje pesticida u razli itim tipovima zemljišta</b>	2010	<b>R. Durovic, J. Gajic Umiljendic, S. Cupac, Lj. Ignjatovic Solid Phase Microextraction as an Efficient Method for Characterization of the Interaction of Pesticides with Different Soil Types.</b> Journal of the Brazilian Chemical Society, <b>21(6)</b> (2010) 985-994. M. Markovic, S. Cupac, <b>R. Durovic, J. Milinovic, P. Kljajic Assessment of Heavy Metal and Pesticide Levels in Soil and Plant Products from Agricultural Area of Belgrade, Serbia.</b> Archives of Environmental Contamination and Toxicology, <b>58(2)</b> (2010) 341-351.	M22

				<b>Headspace solid phase microextraction in pesticide residues analysis - kinetics and quantification before reaching partition equilibrium</b> Journal of the Serbian Chemical Society, <b>72(8-9)</b> (2007) 879-887.	M23
<b>Predrag Bankovi</b>	Vera Dondur	<b>Kataliti ka oksidacija vodonik peroksidom na vrstnim katalizatorima sa nanetim ili ugra enim prelaznim metalima</b>	2010	Bankovic Predrag T Mojovic Zorica D Milutinovic-Nikolic Aleksandra D Jovic-Jovicic Natasa P Marinovic Sanja R Jovanovic Dusan M, Mixed pillared bentonite for electrooxidation of phenol, APPLIED CLAY SCIENCE, (2010), vol. 49 br. 1-2, str. 84-89 Mojovic Zorica D Milutinovic-Nikolic Aleksandra D Bankovic Predrag T Mentus Slavko V Jovanovic Dusan M, Electrochemical behavior of silver-impregnated Al-pillared smectite in alkaline solution, JOURNAL OF SOLID STATE ELECTROCHEMISTRY, (2010), vol. 14 br. 9, str. 1621-1627 Mojovic Milos D Dakovic Marko Z Bankovic Predrag T Mojovic Zorica D, Paramagnetic pillared bentonites - The new digestive tract MRI contrast agents, APPLIED CLAY SCIENCE, (2010), vol. 48 br. 1-2, str. 191-194	M21
<b>Ana Popovi -Bijeli</b>	Goran Ba i	<b>Primena EPR spektroskopije u prou avanju enzima ribonukleotid-reduktaze: uslovi za formiranje metalnog kofaktora, specifi na aktivnost i inhibicija</b>	2010	Stanisavljev Dragomir R Milenkovic Maja C Mojovic Milos D Popovic-Bijelic Ana D, A Potential Source of Free Radicals in Iodine-Based Chemical Oscillators, JOURNAL OF PHYSICAL CHEMISTRY A, (2011), vol. 115 br. 11, str. 2247-2249 Popovic-Bijelic Ana D Bijelic Goran Kolar-Anic Ljiljana Z Vukojevic Vladana B, Temperature dependence of oxygen evolution through catalase-like activity of horseradish peroxidase, RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, (2007), vol. 81 br. 9, str. 1371-1373	M22 M23
<b>Dragana Jovanovi</b>	Slavko Mentus	<b>Ispitivanje oblika i veli ine sulfidnih i oksidnih nano estica dobijenih metodama inverzionih micela i sprej pirolize</b>	2010	Abazovic Nadica D Comor Mirjana I Dramicanin Miroslav D Jovanovic Dragana J Ahrenkiel Phillip S Nedeljkovic Jovan M, Photoluminescence of anatase and rutile TiO <sub>2</sub> particles, JOURNAL OF PHYSICAL CHEMISTRY B, (2006), vol. 110 br. 50, str. 25366-25370 Jovanovic Dragana J Validzic Ivana Lj Jankovic Ivana A Bibic Natasa M Nedeljkovic Jovan M, Synthesis and characterization of shaped ZnS nanocrystals in water in oil microemulsions, MATERIALS LETTERS, (2007), vol. 61 br. 22, str. 4396-4399 Jovanovic Dragana J Validzic Ivana Lj Jankovic Ivana A Andric Zeljka M Mitric Miodrag N Nedeljkovic Jovan M, Novel low-temperature synthesis of disodium dimolybdate by ultrasonic spray pyrolysis, JOURNAL OF THE AMERICAN CERAMIC SOCIETY, (2007), vol. 90 br. 12, str. 4030-4032 Jovanovic Dragana J Validzic Ivana Lj Jankovic Ivana A Nedeljkovic Jovan M, Low temperature quaternary microemulsion synthesis of Bi <sub>2</sub> S <sub>3</sub> nanospheres and nanorods, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, (2011), vol. 13 br. 9-10, str. 1294-1297	M21 M23



<b>Ljiljana Matovi</b>	Slavko Mentus	<b>Primena termijskih osobina MgH<sub>2</sub> usled destabilizacije strukture visokoenergetskih jona Mg</b>	2010	Novakovic Nikola B Grbovic-Novakovic Jasmina D Matovic Ljiljana Lj Manasijevic Miodrag Dj Radisavljevic Ivana M Paskas-Mamula Bojana Ivanovic Nenad B, Ab initio calculations of MgH <sub>2</sub> , MgH <sub>2</sub> :Ti and MgH <sub>2</sub> :Co compounds, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, (2010), vol. 35 br. 2, str. 598-608	M21
				Matovic Ljiljana Lj Novakovic Nikola B Kurko Sandra V Siljegovic Milorad Matovic Branko Z Kacarevic-Popovic Zorica M Romcevic Nebojsa Z Ivanovic Nenad B Grbovic-Novakovic Jasmina D, Structural destabilisation of MgH <sub>2</sub> obtained by heavy ion irradiation, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, (2009), vol. 34 br. 17, str. 7275-7282	
<b>Ana Ivanovi</b>	Ljiljana Kolar-Ani	<b>Razvoj metoda za kvantifikaciju haosa u nelinearnim reakcionim sistemima</b>	2010	Cupic Zeljko D Loncarevic Davor R Ivanovic Ana Z Bankovic Predrag T Petrovic Srdjan, Experimentally observable transitions between dynamical states in complex reaction systems, COMPUTERS & CHEMICAL ENGINEERING, (2008), vol. 32 br. 6, str. 1293-1304	M21
				Ivanovic Ana Z Cupic Zeljko D Jankovic MM Kolar-Anic Ljiljana Z Anic Slobodan R, The chaotic sequences in the Bray-Liebhafsky reaction in an open reactor, PHYSICAL CHEMISTRY CHEMICAL PHYSICS, (2008), vol. 10 br. 38, str. 5848-5858	
<b>Ivana Stojkovi</b>	Slavko Mentus	<b>Elektrohemijska interkalacija jona litijuma iz vodenih rastvora u elektrodne materijale na bazi oksida vanadijuma i mangana</b>	2010	Stojkovic Ivana B Cvjeticanin Nikola D Mentus Slavko V, The improvement of the Li-ion insertion behaviour of Li <sub>1.05</sub> Cr <sub>0.10</sub> Mn <sub>1.85</sub> O <sub>4</sub> in an aqueous medium upon addition of vinylene carbonate, ELECTROCHEMISTRY COMMUNICATIONS, (2010), vol. 12 br. 3, str. 371-373	M21
				Cvjeticanin Nikola D Stojkovic Ivana B Mitric Miodrag N Mentus Slavko V, Cyclic voltammetry of LiCr <sub>0.15</sub> Mn <sub>1.85</sub> O <sub>4</sub> in an aqueous LiNO <sub>3</sub> solution, JOURNAL OF POWER SOURCES, (2007), vol. 174 br. 2, str. 1117-1120	M22
				Cvjeticanin Nikola D Stojkovic Ivana B Mitric Miodrag N Mentus Slavko V, Cyclic voltammetry of LiCr <sub>0.15</sub> Mn <sub>1.85</sub> O <sub>4</sub> in an aqueous LiNO <sub>3</sub> solution, JOURNAL OF POWER SOURCES, (2007), vol. 174 br. 2, str. 1117-1120	
<b>Radomir Rankovi</b>	Miljenko Peri	<b>Teorijsko proučavanje vibracione i spin-orbitne sprege u linearnim šestoatomskim molekulima</b>	2010	Peric Miljenko N Rankovic Radomir Jerosimic Stanka V, Renner-Teller effect in six-atomic molecules: Ab initio investigation of the vibronic spectrum of C-6(-), CHEMICAL PHYSICS, (2008), vol. 344 br. 1-2, str. 35-51	M22
				Rankovic Radomir Jerosimic Stanka V Peric Miljenko N, Theoretical investigation of the vibronic spectrum in the X-2 Π <sub>u</sub> electronic state of C-6(+), JOURNAL OF CHEMICAL PHYSICS, (2008), vol. 128 br. 15	M21
				Peric Miljenko N Jerosimic Stanka V Rankovic Radomir Krmar Marija D Radic-Peric Jelena B, An ab initio model for handling the Renner-Teller effect in tetra-atomic molecules. I. Introduction of coordinates and the Hamiltonian, CHEMICAL PHYSICS, (2006), vol. 330 br. 1-2, str. 60-72	M22

<b>Zorica Vukovi</b>	Vera Dondur	<b>Modifikacija porozne strukture Ca-smektita kopolimera na bazi glicidilmetakrilata i njihovih kompozita</b>	2010	Z. Vukovi , A. Milutinovi -Nikoli , J. Krsti , A. Abu-Rabi, T. Novakovi , D. Jovanovi , „The Influence of acid Treatment on the Nanostructure and Textural Properties of Bentonite Clays“, <i>Mater Sci. Forum</i> , 494, (2005), 339-344.	M22
				Z. Vukovi , A. Milutinovi -Nikoli , Lj. Roži , A. Rosi , Z. Nedi , D. Jovanovi , „The influence of acid treatment on composition of bentonite“, <i>Clays Clay Miner.</i> , 54(6) (2006), 697-702	
<b>Zoran Miladinovi</b>	Vera Dondur	<b>Pra enje kristalizacije zeolita A pomo u in situ <sup>27</sup>Al NMR spektroskopije</b>	2010	Miladinovic Zoran P Zakrzewska Joana S Dondur Vera T, Kinetic analysis of experimental intensity curves obtained during zeolite a synthesis using in situ Al-27 NMR spectroscopy, <i>RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A</i> , (2009), vol. 83 br. 9, str. 1478-1484	M23
				Miladinovic Zoran P Zakrzewska Joana S Kovacevic Branimir T Bacic Goran G, Monitoring of crystallization processes during synthesis of zeolite A by in situ (27)Al NMR spectroscopy, <i>MATERIALS CHEMISTRY AND PHYSICS</i> , (2007), vol. 104 br. 2-3 , str. 384 -389	M21
<b>Slavica Blagojevi</b>	Ljiljana Kolar-Ani	<b>Modeliranje uticaja malonske kiseline na evoluciju Belousov-Žabotinski oscilatorne reakcije</b>	2009	Blagojevic Slavica M Anic Slobodan R Cupic Zeljko D Pejic Natasa D Kolar-Anic Ljiljana Z, Malonic acid concentration as a control parameter in the kinetic analysis of the Belousov-Zhabotinsky reaction under batch conditions, <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i> , (2008), vol. 10 br. 44, str. 6658-6664	M21
				Pejic Natasa D Blagojevic Slavica M Anic Slobodan R Vukojevic Vladana B Mijatovic Miroslav D Ciric Jasna S Markovic Zoran S Markovic Svetlana Kolar-Anic Ljiljana Z, Kinetic determination of morphine by means of Bray-Liebhafsky oscillatory reaction system using analyte pulse perturbation technique, <i>ANALYTICA CHIMICA ACTA</i> , (2007), vol. 582 br. 2, str. 367-374	
<b>Milica Mar eta Kaninski</b>	Š epan Miljani	<b>Vodoni ne membranske gorivne elije: energetski, izotopski i elektrohemijski aspekti</b>	2009	Milica P. Marceta Kaninski, Vladimir M. Nikolic, Aleksandar D. Maksic, Gvozden S. Tasic, Scepán S. Miljanic, <a href="#">Electrochemical H/D isotope effects in PEM fuel cell</a> , <i>Electrochemistry Communications</i> 10 (2008) 1463-1466.	21
				Milica P. Marceta Kaninski, Vladimir M. Nikolic, Gvozden S. Tasic, Zlatko Lj. Rakocevic, <a href="#">Electrocatalytic activation of Ni electrode for hydrogen production by electrodeposition of Co and V species</a> , <i>International Journal of Hydrogen Energy</i> 34, (2009)703-709.	
				Gvozden S. Tasic, Scepán S. Miljanic, Milica P. Marceta Kaninski, Djordje P. Saponjic, and Vladimir M. Nikolic, Non-noble metal catalyst for the Pt free PEMFC, <i>Electrochemistry Communications</i> , <a href="http://dx.doi.org/10.1016/j.elecom.2009.09.003">http://dx.doi.org/10.1016/j.elecom.2009.09.003</a> .	
<b>Jasminka Joksi</b>	Ljubiša Ignjatovi	<b>Fizi kohemijska karakterizacija respirabilnih estica razli itog</b>	2009	Joksic Jasminka D Jovasevic-Stojanovic Milena V Bartonova Alena Radenkovic Mirjana B Yttri Karl-Espen Matic-Besarabic Snezana Ignjatovic Ljubisa M, Physical and chemical characterization of the particulate matter suspended in	M23

		<b>porekla suspendovanih u vazduhu urbane sredine</b>		aerosols from the urban area of Belgrade, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, (2009), vol. 74 br. 11, str. 1319-1333	
				Rajsic Slavica F Mijic Zoran R Tasic Mirjana D Radenkovic Mirjana B Joksic Jasminka D, Evaluation of the levels and sources of trace elements in urban particulate matter, ENVIRONMENTAL CHEMISTRY LETTERS, (2008), vol. 6 br. 2, str. 95-100	M22
<b>Igor Pašti</b>	Slavko Mentus	<b>Korelacija elektronskih i elektrokatalitičkih svojstava površina prelaznih metala</b>	2009	Pasti Igor A Mentus Slavko V, Electronic properties of the PtxMe1-x/Pt(111) (Me = Au, Bi, In, Pb, Pd, Sn and Cu) surface alloys: DFT study, MATERIALS CHEMISTRY AND PHYSICS, (2009), vol. 116 br. 1, str. 94-101	M21
			Stojkovic Ivana B Cvjeticanin Nikola D Pasti Igor A Mitric Miodrag N Mentus Slavko V, Electrochemical behaviour of V2O5 xerogel in aqueous LiNO3 solution, ELECTROCHEMISTRY COMMUNICATIONS, (2009), vol. 11 br. 7, str. 1512-1514		
			Pasti Igor A Mentus Slavko V, DFT study of adsorption of hydrogen and carbon monoxide on PtxBi1-x/Pt(111) bimetallic overlayers: correlation to surface electronic properties, PHYSICAL CHEMISTRY CHEMICAL PHYSICS, (2009), vol. 11 br. 29, str. 6225-6233		
<b>Aleksandra Žujić</b>	Ljubiša Ignjatovi	<b>Aerozagaenje područja Beograda: evaluacija merenja, zoniranje i zakonitosti</b>	2009	Zujic Aleksandra M Radak Bojan B Filipovic Anka J Markovic Dragan A, Extending the use of air quality indices to reflect effective population exposure, ENVIRONMENTAL MONITORING AND ASSESSMENT, (2009), vol. 156 br. 1-4, str. 539-549	M23
			Golobocanin Dusan D Zujic Aleksandra M Milenkovic A Miljevic Nada R, Precipitation composition and wet deposition temporal pattern in Central Serbia for the period from 1998 to 2004, ENVIRONMENTAL MONITORING AND ASSESSMENT, (2008), vol. 142 br. 1-3, str. 185-198		
<b>Aleksandar Deverski</b>	Nikola Cvjeticanin	<b>Proučavanje fizičko-hemijskih procesa sinteze SiC iz prirodnih prekursora</b>	2009	Devecerski Aleksandar B Posarac Milica B Egelja Adela D Radosavljevic-Mihajlovic Ana S Boskovic Snezana B Logar Mihovil M Matovic Branko Z, Fabrication of SiC by carbothermal-reduction reactions of mountain leather asbestos, JOURNAL OF ALLOYS AND COMPOUNDS, (2008), vol. 464 br. 1-2, str. 270-276	M22
				Egelja Adela D Gulicovski Jelena J Devecerski Aleksandar B Ninic Marina Radosavljevic-Mihajlovic Ana S Matovic Branko Z, Preparation of biomorphic SiC ceramics, SCIENCE OF SINTERING, (2008), vol. 40 br. 2, str. 141-145	M23
<b>Anela Abu Rabi-Stankovi</b>	Slavko Mentus	<b>Ispitivanje reakcije oksidacije OH-jona i redukcije kiseonika na istoj i nafionom prekrivenoj polikristalnoj zlatnoj elektrodi</b>	2009	Adnadjevic Borivoj K Mojovic Zorica D Abu Rabi Andjela, The kinetics of ethanol adsorption from the aqueous phase onto zeolite NaZSM-5, ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION SOCIETY, (2008), vol. 14 br. 1, str. 123-131	M23
				Abu Rabi Andjela Jasin Danijela Mentus Slavko V, The influence of cathodic pretreatment on the kinetics of hydroxide	M22

				ion oxidation on polycrystalline gold electrode, JOURNAL OF ELECTROANALYTICAL CHEMISTRY, (2007), vol. 600 br. 2, str. 364-368	
<b>Zorica Mojovi</b>	Slavko Mentus	<b>Alumosilikati sa ugra enim klasterima metala prelaznih grupa Ib i Ivb-VIII kao elektrokataliti ki materijali</b>	2009	Mentus Slavko V Mojovic Zorica D Radmilovic Velimir R, The use of NaX zeolite as a template to obtain a mono-atomic Pt dispersion by impregnation with Pt(II) acetylacetonate/acetone solution, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, (2009), vol. 74 br. 10, str. 1113-1123	M23
				Mojovic Zorica D Milutinovic-Nikolic Aleksandra D Mentus Slavko V Jovanovic Dusan S, Electrochemical Oxidation of Phenol on Metal-Impregnated Zeolite Electrodes, CHEMICAL ENGINEERING & TECHNOLOGY, (2009), vol. 32 br. 5, str. 738-744	M22
<b>Dragoljub Lukic</b>	Štepan Miljani	<b>Proizvodnja radionuklida <sup>86</sup>Y i njegova primena u pozitronskoj emisionoj tomografiji</b>	2009	Lukic Dragoljub M Tamburella Claire Buchegger Franz Beyer Gerd-Juergen Comor Jozef J Seimbille Yann, High efficiency production and purification of Y-86 based on electrochemical separation, APPLIED RADIATION AND ISOTOPES, (2009), vol. 67 br. 4, str. 523-529	M22
				Lukic Dragoljub M Vucina Jurij L Milonjic Slobodan K, Separation of tungsten and rhenium on alumina in dynamic conditions, JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, (2007), vol. 273 br. 2, str. 357-362	M23
<b>Marko Dakovi</b>	Goran Batic	<b>Ispitivanje mehanizama uticaja uranijuma na algu <i>Chara fragilis</i> Desv.</b>	2009	M. Dakovi, M. Kovacevic, P. R. Andjus, G. G. Bacic, On the mechanism of uranium binding to cell wall of <i>Chara fragilis</i> , European Biophysics Journal with Biophysics Letters, 37(7) (2008) 1111-1117	M22
				M. Dakovi, M. Mojovi, G. G. Bacic, EPR study of the production of OH radicals in aqueous solutions of uranium irradiated by ultraviolet light, Journal of the Serbian Chemical Society, 74 (6) (2009) 651-661	M23
<b>Srdjan Petrovi</b>	Vera Dondur	<b>La(Ti-Mg-MO<sub>3</sub>, M = (Pd, Fe) perovskit: sinteza, karakterizacija i kataliti ka aktivnost u potpunoj oksidaciji metana</b>	2009	Petrovic Srdjan P Terlecki-Baricevic Ana V Karanovic Ljiljana C Kirilov-Stefanov P Zdujic Miodrag V Dondur Vera T Paneva D Mitov IG Rakic Vesna M, LaMO <sub>3</sub> (M = Mg, Ti, Fe) perovskite type oxides: Preparation, characterization and catalytic properties in methane deep oxidation, APPLIED CATALYSIS B-ENVIRONMENTAL, (2008), vol. 79 br. 2, str. 186-198	M21
				Rozic Ljiljana S Novakovic Tatjana B Petrovic Srdjan P Vukovic Zorica M Cupic Zeljko D, Fractal Analysis Of Physical Adsorption On Surfaces Of Acid Activated Bentonites From Serbia, CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, (2008), vol. 14 br. 4, str. 227-229	M23
<b>Suzana Bogojevi</b>	Goran Batic	<b>Odreivanje sadržaja transuranskih elemenata i njihovih potomaka u uzorcima iz životne sredine merenjem</b>	2009	I. Vukanac, D. Paligori, D. Novkovi, M. Čurašević, Z. Obradovi, Z. Milošević, Suzana Mani: Retrospective estimation of concentration of <sup>241</sup> Pu in air sampled at a Belgrade site following the Chernobyl accident, Applied Radiation and Isotopes 64 (2006) p.689-692.	M21

		<b>alfa, gama i karakteristi nog X zra enja</b>		D.Novkovi , Z.Miloševi , K.Suboti , Suzana Mani -Kudra: Numerical Solutions of Differential Eqations of a Cylindrical Ionization Chamber, "Phys. Medd. Biol." 41 (1996) 725-741	
<b>Nadica Abazovi</b>	Vera Dondur	<b>Sinteza i karakterizacija nanometerijala na bazi titan (IV) oksida</b>	2009	Abazovic Nadica D Mirengi Luciana Jankovic Ivana A Bibic Natasa M Sojic Daniela V Abramovic Biljana F Comor Mirjana I, Synthesis and Characterization of Rutile TiO2 Nanopowders Doped with Iron Ions, NANOSCALE RESEARCH LETTERS, (2009), vol. 4 br. 6, str. 518-525 Abramovic Biljana F Sojic Daniela V Anderluh Vesna B Abazovic Nadica D Comor Mirjana I, Nitrogen-doped TiO2 suspensions in photocatalytic degradation of mecoprop and (4-chloro-2-methylphenoxy)acetic acid herbicides using various light sources, DESALINATION, (2009), vol. 244 br. 1-3, str. 293-302	M21
<b>Aleksandra Krklješ</b>	Vera Dondur	<b>Radioliti ka sinteza i karakterizacija polimernih nanokompozita na bazi poli(vinil alkohola) i nano estica srebra i zlata</b>	2009	A.N. Krklješ, M.T. Marinovi -Cincovi , Z.M. Ka arevi -Popovi , J.M. Nedeljкови , Radiolytic synthesis and characterization of Ag-PVA nanocomposites, European Polymer Journal, 43(6) (2007) 2171-2176 Z. Ka arevi -Popovi , S. Tomi , A. Krklješ, M. Mi i , E. Suljovruji , Radiolytic synthesis of Ag-poly(BIS-co-HEMA-co-IA) nanocomposites, Radiation Physics and Chemistry, 76(8-9) (2007) 1333-1336	M21
<b>Jelena Savovi</b>	Miroslav Kuzmanovi	<b>Prou avanje vremenskih evolucija intenziteta spektralnih linija analita pri brzim promenama struje napajanja u plazmi jednosmernog argonom stabilisanog U-luka</b>	2009	Stoiljkovic Milovan M,Pavlovic Mirjana S,Kuzmanovic Miroslav M,Savovic Jelena J (2009) Monochromatic imaging technique used to study dc arc plasma under the influence of a transverse magnetic field, PLASMA SOURCES SCIENCE & TECHNOLOGY, vol. 18, br. 3, str. - Savovic Jelena J,Kuzmanovic Miroslav M,Pavlovic Mirjana S,Stoiljkovic Milovan M,Rankovic Dragan P,Marinkovic Momir (2008) A spectroscopic investigation of spatial symmetry of radiation in the U-shaped DC argon plasma with aerosol supply, SPECTROSCOPY LETTERS, vol. 41, br. 4, str. 166-173	M21 M23
<b>Tatjana Novakovi</b>	Vera Dondur	<b>Adsorpcione karakteristike aluminijum oksida dobijenog sprej pirolizom</b>	2009	Novakovic Tatjana B,Radic Nenad D,Grbic Bosko V,Dondur Vera T,Mitric Miodrag N,Randjelovic Danijela V,Stoychev Dimitar,Stefanov Plamen (2008) The thermal stability of porous alumina/stainless steel catalyst support obtained by spray pyrolysis, APPLIED SURFACE SCIENCE, vol. 255, br. 5, str. 3049-3055 Rozić Ljiljana S,Novakovic Tatjana B,Petrovic Srdjan P,Cupic Zeljko D,Grbavcic Zeljko B,Rosic Aleksandra A (2006) The sorption and crystallographic characteristics of alumina activated in a reactor for pneumatic transport, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol. 71, br. 11, str. 1237-1246	M22 M23
<b>Suzana Petrovi</b>	Š epan Miljani	<b>Promene hemijskog sastava i strukturnih karakteristika volfram-titanskih tankih slojeva izazvane</b>	2008	Petrovic Suzana M,Gakovic Biljana M,Perusko Davor B,Trtica Milan S,Radak Bojan B,Panjan P,Miljanic Scepán S (2008) Surface modification of a WTi thin film on Si substrate by nanosecond laser pulses, APPLIED SURFACE SCIENCE, vol. 254, br. 13, str. 4013-4017	M22

		<b>termi kim i laserskim delovanjem</b>		Bundaleski Nenad K,Petrovic Suzana M,Perusko Davor B,Kovac Janez,Zalar A (2008) Composition of the sputter deposited W-Ti thin films, APPLIED SURFACE SCIENCE, vol. 254, br. 20, str. 6390-6394	M22
<b>Suzana Veli kovi</b>	Jelena Radi -Peri	<b>Prou avanje uslova nastajanja i odre ivanje energije jonizacije hipervalentnih klastera litijuma sa halogenim elementima metodom masene spektrometrije</b>	2008	Velickovic Suzana R,Djordjevic Vesna R,Cveticanin Jelena M,Djustebek Jasmina B,Veljko Miomir V,Neskovic Olivera M (2008) Ionization energies of the non-stoichiometric LinFn-1 (n=3, 4, 6) clusters. VACUUM, vol. 83, br. 2, str. 378-380	M23
				Velickovic Suzana R,Koteski Vasil J,Belosevic-Cavor Jelena N,Djordjevic Vesna R,Cveticanin Jelena M,Djustebek Jasmina B,Veljko Miomir V,Neskovic Olivera M (2007) Experimental and theoretical investigation of new hypervalent molecules LinF (n=2-4), CHEMICAL PHYSICS LETTERS, vol. 448, br. 4-6, str. 151-155	M22
<b>Branka Muri</b>	Borivoj Adna evi	<b>Generisanje mikroopti kih struktura na biološkim polimerima dopiranim metalnim jonima</b>	2008	Muric Branka D,Pantelic Dejan V,Vasiljevic Darko M,Panic Bratimir M (2008) Microlens fabrication on to'hema sensitized gelatin. OPTICAL MATERIALS, vol. 30, br. 7, str. 1217-1220	M22
				Muric Branka D,Pantelic Dejan V,Vasiljevic Darko M,Panic Bratimir M (2007) Properties of microlenses produced on a layer of to'hema and eosin sensitized gelatin, APPLIED OPTICS, vol. 46, br. 35, str. 8527-8532	M22
<b>Tamara Iveti</b>	Dragica Mini	<b>Utica j Bi<sub>2</sub>O<sub>3</sub> na sinterovanje ZnO-SnO<sub>2</sub> keramike</b>	2008	Nikolic Maria Vesna,Satoh K,Ivetic Tamara B,Paraskevopoulos KM,Zorba TT,Bлагоjevic Vladimir D,Mancic Lidija T,Nikolic Pantelija M (2008) Infrared reflection spectroscopy of Zn <sub>2</sub> SnO <sub>4</sub> thin films deposited on silica substrate by radio frequency magnetron sputtering, THIN SOLID FILMS, vol. 516, br. 18, str. 6293-6299	M21
				Ivetic Tamara B,Nikolic Maria Vesna,Paraskevopoulos KM,Pavlidou E,Zorba TT,Nikolic Pantelija M,Ristic Momcilo M (2008) Combined FTIR and SEM-EDS study of Bi <sub>2</sub> O <sub>3</sub> doped ZnO-SnO <sub>2</sub> ceramics, JOURNAL OF MICROSCOPY-OXFORD, vol. 232, br. 3, str. 498-503	M23
<b>Dragana Jugovi</b>	Slavko Mentus	<b>Sinteza i karakterizacija oksidnih katodnih materijala za litijumske izvore struje</b>	2008	Jugovic Dragana M,Mitric Miodrag N,Cvjeticanin Nikola D,Jancar Bostjan,Mentus Slavko V,Uskokovic Dragan P (2008) Synthesis and characterization of LiFePO <sub>4</sub> /C composite obtained by sonochemical method, SOLID STATE IONICS, vol. 179, br. 11-12, str. 415-419	M22
				Jugovic Dragana M,Cvjeticanin Nikola D,Kusigerski Vladan B,Mitric Miodrag N,Miljkovic Miroslav M,Makovec Darko,Uskokovic Dragan P (2007) Structural and magnetic characterization of LiMn <sub>1.825</sub> Cr <sub>0.175</sub> O <sub>4</sub> spinel obtained by ultrasonic spray pyrolysis, MATERIALS RESEARCH BULLETIN, vol. 42, br. 3, str. 515-522	M21
<b>Dušan Golobo anin</b>	Ljiljana Kolar-Ani	<b>Modelovanje raspodele nutrijenata sliva Velike Morave pra enjem sadržaja stabilnih izotopa vodonika i</b>	2008	Miljevic Nada R,Golobocanin Dusan D,Ogrinc Nives,Bondzic Ana (2008) Distribution of stable isotopes in surface water along the Danube River in Serbia, ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES, vol. 44, br. 2, str. 137-148	M23

		<b>kiseonika u vodi</b>		Miljevic Nada R, Golobocanin Dusan D, Nadezdic Milica L, Ogrinc Nives (2008) Distribution of stable isotopes in the River Sava in Serbia, NUKLEONIKA, vol. 53, br. , str. S129-S135	M23
<b>Smilja Markovi</b>	Nikola Cvjetanin	<b>Sinteza i karakterizacija BaTi<sub>1-x</sub>Sn<sub>x</sub>O<sub>3</sub> prahova i višeslojnih keramičkih materijala</b>	2008	Markovic Smilja B, Mitric Miodrag N, Cvjetanin Nikola D, Uskokovic Dragan P (2007) Preparation and properties of BaTi <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> multilayered ceramics, JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol. 27, br. 2-3, str. 505-509	M21
				Markovic Smilja B, Miljkovic Miroslav M, Jovalekic Cedimir D, Mentus Slavko V, Uskokovic Dragan P (2009) Densification, Microstructure, and Electrical Properties of BaTiO <sub>3</sub> (BT) Ceramics Prepared from Ultrasonically De-Agglomerated BT Powders, MATERIALS AND MANUFACTURING PROCESSES, vol. 24, br. 10-11, str. 1114-1123	M23
<b>Milovan Stoiljkovi</b>	Miroslav Kuzmanovi	<b>Spektroskopsko ispitivanje interakcije aerosola analita sa plazmom jednosmernog luka modifikovanom spoljašnjim oscilujućim magnetnim poljem</b>	2008	Stoiljkovic Milovan M, Pavlovic Mirjana S, Savovic Jelena J, Kuzmanovic Miroslav M (2007) Emission intensity enhancement of DC arc plasma induced by external oscillating magnetic field, CONTRIBUTIONS TO PLASMA PHYSICS, vol. 47, br. 10, str. 670-676	M22
				Savovic Jelena J, Kuzmanovic Miroslav M, Pavlovic Mirjana S, Stoiljkovic Milovan M, Rankovic Dragan P, Marinkovic Momir (2008) A spectroscopic investigation of spatial symmetry of radiation in the U-shaped DC argon plasma with aerosol supply, SPECTROSCOPY LETTERS, vol. 41, br. 4, str. 166-173	M23
<b>Vesna Vodnik</b>	Nikola Cvjetanin	<b>Uticaj oblika nano estica srebra na optička i termička svojstva kompozita Ag/polimer</b>	2008	Vodnik Vesna V, Bozanic Dusan K, Bibic Natasa M, Saponjic Zoran V, Nedeljkovic Jovan M (2008) Optical Properties of Shaped Silver Nanoparticles, JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol. 8, br. 7, str. 3511-3515	M21
				Radetic Maja M, Ilic Vesna Lj, Vodnik Vesna V, Dimitrijevic Suzana I, Jovancic Petar M, Saponjic Zoran V, Nedeljkovic Jovan M (2008) Antibacterial effect of silver nanoparticles deposited on corona-treated polyester and polyamide fabrics, POLYMERS FOR ADVANCED TECHNOLOGIES, vol. 19, br. 12, str. 1816-1821	
<b>Mirjana Radenkovi</b>	Šćepan Miljani	<b>Uticaj kontaminacije uranijumom na radiološke i hemijske karakteristike ekosistema</b>	2008	Radenkovic Mirjana B, Cupac Svjetlana B, Joksic Jasminka D, Todorovic Dragana J (2008) Depleted uranium mobility and fractionation in contaminated soil (Southern Serbia), ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol. 15, br. 1, str. 61-67	M21
				Djurasevic Mirjana M, Vukanac Ivana S, Kandic Aleksandar B, Nadder Laslo J, Milosevic Zoran A, Radenkovic Mirjana B (2007) Determination of the specific alpha activity of thick sources with a large area ZnS(Ag) scintillation detector, JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, vol. 95, br. 2-3, str. 75-85	M23
<b>Ana u ulovi</b>	Šćepan Miljani	<b>Desorpcija <sup>137</sup>Cs i drugih metala iz lišaja Cetraria islandica kiselim</b>	2007	Cuculovic Ana A, Veselinovic Dragan S, Miljanic Scepian S (2007) Extraction of (CS)-C-137 from Cetraria islandica lichen using acid solutions, JOURNAL OF THE SERBIAN	M23

		<b>rastvorima</b>		CHEMICAL SOCIETY, vol. 72, br. 7, str. 673-678	
				Cuculovic Ana A,Veselinovic Dragan S,Miljanic Scepán S (2006) Extraction of Cs-137 from Cetraria islandica lichen with water, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol. 71, br. 5, str. 565-571	
<b>Nina Obradovi</b>	Dragica Mini	<b>Utica j aditiva na sinterovanje sistema ZnO-TiO<sub>2</sub> saglasno trijadi „Sinteza-struktura-svojstva“</b>	2007	Obradovic Nina N,Labus Nebojsa J,Sreckovic Tatjana V,Stevanovic Suzana (2007) Reaction sintering of the 2ZnO-TiO <sub>2</sub> system, SCIENCE OF SINTERING, vol. 39, br. 2, str. 127-132	M23
				Obradovic Nina N,Labus Nebojsa J,Sreckovic Tatjana V,Ristic Momcilo M (2006) The influence of tribophysical activation on Zn <sub>2</sub> TiO <sub>4</sub> synthesis, RECENT DEVELOPMENTS IN ADVANCED MATERIALS AND PROCESSES, vol. 518, br. , str. 131-135	
<b>Magdalena Stevanovi</b>	Gordana iri - Marjanovi	<b>Sinteza, karakterizacija i degradacija poli(DL-laktid-ko-glikolid) nanosfera koje sadrže askorbinsku kiselinu</b>	2007	Stevanovic Magdalena M,Savic Jasmina Z,Jordovic Branka,Uskokovic Dragan P (2007) Fabrication, in vitro degradation and the release behaviours of poly(DL-lactide-co-glycolide) nanospheres containing ascorbic acid, COLLOIDS AND SURFACES B-BIOINTERFACES, vol. 59, br. 2, str. 215-223	M22
				Stevanovic Magdalena M,Ignjatovic Nenad L,Jordovic Branka,Uskokovic Dragan P (2007) Stereological analysis of the poly-(DL-lactide-co-glycolide) submicron sphere prepared by solvent/non-solvent chemical methods and centrifugal processing, JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol. 18, br. 7, str. 1339-1344	M23
<b>Stanka Jerosimi</b>	Miljenko Peri	<b>Teorijsko prou avanje relativisti kih i neadijabatskih efekata kod malih molekula</b>	2007	Jerosimic Stanka V (2007) Calculation of the magnetic hyperfine structure in the ground electronic state of HCCO, JOURNAL OF MOLECULAR SPECTROSCOPY, vol. 242, br. 2, str. 139-149	M22
				Peric Miljenko N,Jerosimic Stanka V,Rankovic Radomir,Krmar Marija D,Radic-Peric Jelena B (2006) An ab initio model for handling the Renner-Teller effect in tetra-atomic molecules. I. Introduction of coordinates and the Hamiltonian, CHEMICAL PHYSICS, vol. 330, br. 1-2, str. 60-72	
<b>Nenad Radi</b>	Vera Dondur	<b>Strukturna osetljivost potpune oksidacije organskih jedinjenja na Pt/Al<sub>2</sub>O<sub>3</sub> katalizatorima</b>	2006	Grbic Bosko V,Radic Nenad D,Markovic Branislav Z,Stefanov Plamen,Stoychev Dimitar,Marinova Tsvetana (2006) Influence of manganese oxide on the activity of Pt/Al <sub>2</sub> O <sub>3</sub> catalyst for CO and n-hexane oxidation, APPLIED CATALYSIS B-ENVIRONMENTAL, vol. 64, br. 1-2, str. 51-56	M21
				Radic Nenad D,Grbic Bosko V,Terlecki-Baricevic Ana V (2004) Kinetics of deep oxidation of n-hexane and toluene over Pt/Al <sub>2</sub> O <sub>3</sub> catalysts - Platinum crystallite size effect, APPLIED CATALYSIS B-ENVIRONMENTAL, vol. 50, br. 3, str. 153-159	



<b>Jadranka Kuljanin-Jakovljevi</b>	Nikola Cvjetanin	<b>Fizi kohezijske osobine kompozita od organskih polimera i estica CdS, PbS i Fe<sub>2</sub>O<sub>3</sub> submikronskih i nanometarskih dimenzija</b>	2006	Kuljanin-Jakovljevi Jadranka Z, Stojanovic Zoran A, Nedeljkovic Jovan M (2006) Influence of CdS-filler on the thermal properties of poly(methyl methacrylate), JOURNAL OF MATERIALS SCIENCE, vol. 41, br. 15, str. 5014-5016	M22
				Kostic Radmila S, Romcevic Maja J, Romcevic Nebojsa Z, Klopotoski L, Kosut J, Kuljanin-Jakovljevi Jadranka Z, Comor Mirjana I, Nedeljkovic Jovan M (2008) Photoluminescence and far-infrared spectroscopy of PbS quantum dots - Polyvinyl alcohol nanocomposite, OPTICAL MATERIALS, vol. 30, br. 7, str. 1177-1182	
<b>Miloš Mojovi</b>	Goran Bacić	<b>Primena EPR spin-trap metode za detekciju kratkoživih radikalskih vrsta u biološkim i hemijskim sistemima</b>	2006	Mojovic Milos D, Spasojevic Ivan B, Vuletic Mirjana M, Vucinic Zeljko B, Bacic Goran G (2005) An EPR spin-probe and spin-trap study of the free radicals produced by plant plasma membranes, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol. 70, br. 2, str. 177-186	M23
				Mojovic Milos D, Vuletic Mirjana M, Bacic Goran G, Vucinic Zeljko B (2004) Oxygen radicals produced by plant plasma membranes: an EPR spin-trap study, JOURNAL OF EXPERIMENTAL BOTANY, vol. 55, br. 408, str. 2523-2531	M21
<b>Vesna Pavelki</b>	Dragomir Stanisavljev	<b>Uticaj Al<sup>3+</sup> jona na termalnu stabilnost pepsina: kinetički i termodinamički aspekt</b>	2006	Pavelkic Vesna M, Gopcevic Kristina R, Krstic Danijela Z, Ilic Marija A (2008) The influence of Al <sup>3+</sup> -ion on porcine pepsin activity in vitro, JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol. 23, br. 6, str. 1002-1010	M23
				Djurđević Predrag T, Cvijović Mirjana R, Pavelkić Vesna M, Zakrzewska Joanna S (2005) Spectrophotometric and 27-Al NMR characterization of aluminum(III) complexes with L-histidine, SPECTROSCOPY LETTERS, vol. 38, br. 4-5, str. 617-634	
<b>Bojana Šećerov</b>	Goran Bacić	<b>Mogućnosti primene radiohromnih sistema u radijacionoj dozimetriji</b>	2006	Kacarevic-Popovic Zorica M, Kostoski Dusan Dj, Novakovic Ljiljana, Miljevic Nada R, Secerov Bojana Lj (2004) Influence of the irradiation conditions on the effect of radiation on polyethylene, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol. 69, br. 12, str. 1029-1041 (Article)	M23
				Secerov Bojana Lj, Bacic Goran G (2008) Comparison of dichromate and ethanol-chlorobenzene dosimeters in high dose radiation processing, NUKLEONIKA, vol. 53, br. 3, str. 85-87	
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