

Табела 6.4. Списак SCI -индексираних радова за школску 2023/24, 2022/23 и 2021/22 годину

Р. бр.	Радови категорија M21a, M21, M22 и M23, објављени у школској 2023/24. години	Категорија
1	M. Gandara, D. Mladenović, M. J. O. Martins, L. Rakocević, B. Šljukić, E. S. Gonçalves, MAX PHASE (Nb ₄ AlC ₃) For Electrocatalysis Applications, Small (2024) 2310576	M21a
2	K. Mitrović, A. M. Savić, A. Radojičić, M. Daković, I. Petrušić, Machine learning approach for Migraine Aura Complexity Score prediction based on magnetic resonance imaging data, The journal of headache and pain 24 (2023) 169.	M21a
3	M. Milojević-Rakić, N. Gavrilov, A. Janošević Ležaić, S. Uskoković-Marković, B. Nedić Vasiljević, D. Bajuk-Bogdanović, Complementary: Green catalysis over red soil for pollutant removal, Applied Clay Science, 262(2024)107601	M21a
4	Đ. Nakarada, U. Glavinić, M. Ristanić, M. Popović, J. Stevanović, Z. Stanimirović, M. Mojović, Bridging The Buzz: In Vivo EPR Imaging Unlocking The Secrets of Honey Bee Health, Journal of Experimental Zoology Part A , 341 (8) (2024) 880 - 884	M21a
5	M. Waliszewska-Prosoł, D. A. Montisano, M. Antolak, F. Bighiani, F. Cammarota, I. Cetta, M. Corrado, K. Ihara, R. Kartamysheva, I. Petrušić, M. M. Pocora, T. Takizawa, G. Vaghi, P. Martelletti, B. Corso, A. Raggi, The impact of primary headaches on disability outcomes: a literature review and meta-analysis to inform future iterations of the Global Burden of Disease study, J Headache Pain 25 (2024) 27.	M21a
6	I. Petrušić, W.-S. HA, A. Labastida-Ramirez, R. Messina, D. Onan, C. Tana, W. Wang, Influence of next-generation artificial intelligence on headache research, diagnosis and treatment: the junior editorial board members' vision - part 1, J Headache Pain 25 (2024) 151.	M21a
7	N. Latas, M. Pjević, V. Rajić, M. Ivanović, D. Jugović, S. Stojadinović, N. Cvjetičanin, Enhancing electrical and optical properties of anatase TiO ₂ nanotubes through electrochemical lithiation, Journal of Alloys and Compounds 1005 (2024) 176081	M21a
8	Ž. Milanović, D. Dimić, E. H. Avdović, D. M. Simijonović, Đ. Nakarada, V. Jakovljević, R. Vojinović, Z. Marković, Mechanism of Antiradical Activity of Coumarin-Trihydroxybenzohydrazide Derivatives: A Comprehensive Kinetic DFT Study, Antioxidants. 13 (2024) 143	M21a
9	A. Simović, B. Milovanović, M. Etinski, L. Matović, J. B. Bajat, Innovative hybrid and bifunctional rare earth complexes as corrosion inhibitors for AA2024 alloy: Electrochemical and surface analysis enhanced by DFT/MD simulation, Appl. Surf. Sci. 670 (2024) 160718	M21a
10	V. Milanković, T. Tasić, S. Brković, N. Potkonjak, C. Unterweger, I. Pašti, T. Lazarević-Pašti, The adsorption of chlorpyrifos and malathion under environmentally relevant conditions using biowaste carbon materials, J. Hazard. Mat. 480 (2024)	M21a

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11	V. Milanković, T. Tasić, S. Brković, N. Potkonjak, C. Unterweger, D. Bajuk-Bogdanović, I. Pašti, T. Lazarević-Pašti, Spent coffee grounds-derived carbon material as an effective adsorbent for removing multiple contaminants from wastewater: A comprehensive kinetic, isotherm, and thermodynamic study, <i>J. Water Process Eng.</i> 63, (2024) art. no. 105507, https://doi.org/10.1016/j.jwpe.2024.105507	M21a
12	M. Milenković, T. Lazarević-Pašti, V. Milanković, T. Tasić, I.A. Pašti, S. Porobić-Katnić, M. Marinović-Cincović, Towards greener water remediation: Ca-impregnated pyro-hydrochar of spent mushroom substrate for enhanced adsorption of acridine red and methylene blue, <i>J. Water Process Eng.</i> 60 (2024) art. no. 105204, https://doi.org/10.1016/j.jwpe.2024.105204	M21a
13	H. Jaradat, B. M. Hryniewicz, I. A. Pašti, T. L. Valério, A. Al-Hamry, L. F. Marchesi, M. Vidotti, O. Kanoun, Detection of <i>H. pylori</i> outer membrane protein (HopQ) biomarker using electrochemical impedimetric immunosensor with polypyrrole nanotubes and carbon nanotubes nanocomposite on screen-printed carbon electrode, <i>Biosens. Bioelectron.</i> 249 (2024) art. no. 115937, https://doi.org/10.1016/j.bios.2023.115937	M21a
14	D. Neumüller, L. D. Rafailović, I. A. Pašti, T. Griesser, C. Gammer, J. Eckert, Revealing the Role of Mo Leaching in the Structural Transformation of NiMo Thin Film Catalysts upon Hydrogen Evolution Reaction, <i>Small</i> , (2024) https://doi.org/10.1002/sml.202402200	M21a
15	M. N. M Milunovic, K. Ohui, I. Besleaga, T. V. Petrasheuskaya, O. Dömötör, É. A. Enyedy, D. Darvasiova, P. Raptá, Z. Barbieriková, D. Vegh, S. Tóth, J. Tóth, N. Kucsma, G. Szakács, A. Popović Bijelić, A. Zafar, J. Reynisson, A. D. Shutalev, R. Bai, E. Hamel, V. B. Arion, Copper(II) complexes with isomeric morpholine-substituted 2-formylpyridine thiosemicarbazone hybrids as potential anticancer drugs inhibiting both ribonucleotide reductase and tubulin polymerization: the morpholine position matters, <i>J Med Chem.</i> 67 (2024) 9069–9090.	M21a
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17	S. Maćešić, K. Novakovic, Diffusion-driven instabilities in the BT-GN oscillatory carbonylation reaction network, <i>Chaos</i> 34 (2024) 073152. https://doi.org/10.1063/5.0211536 .	M21a
18	M. Gandara, B. Fortes Palley, L. Rakočević, D. Mladenović, A. Popović-Bijelić, B. Šljukić, E. S. Gonçalves, Electrochemical Performance of Niobium MXenes with Lanthanum, <i>ACS Applied Materials and Interfaces</i> 16(39) (2024) 52277–52289.	M21
19	M. Dojcinovic, I. Stojkovic Simatovic, M. V. Nikolic, Supercapacitor Electrodes: Is Nickel Foam the Right Substrate for Active Materials?, <i>Materials</i> , (2024), 17, 1292.	M21
20	M. Martins, G. Bozkurt, A. Bayrakçeken, G. S. P. Soylu, B. Šljukić, D. M.F. Santos, Pt-Decorated Binary Transition Metal	M21

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21	I. Besleaga, A. A. Fesenko, A. Paul, B. Šljukić, P. Rapt, A. J. L. Pombeiro, A. D. Shutalev, V. B. Arion, Nickel(II) Complexes with 14-membered bis-Thiosemicarbazide and bis-Isouthiosemicarbazide Ligands: Synthesis, Characterization and Catalysis of Oxygen Evolution Reaction, Dalton Transactions 53 (2024) 15826-158416	M21
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23	J. Georgijević, J. Milikić, Y. Aykut, N. Zdolšek, D. M.F. Santos, A. Bayrakçeken, B. Šljukić, Fe, Cu-decorated carbon material produced from ionic liquids as resourceful electrocatalyst for water splitting, Journal of Electroanalytical Chemistry 967 (2024) 118455.	M21
24	F. M.B. Gusmao, T. Đurić, J. Milikić, K. Radinović, D. M.F. Santos, D. Stanković, B. Šljukić, Transition metal polyoxometalates with reduced graphene oxide for high-performance air-electrode of metal-air batteries, International Journal of Hydrogen Energy 71 (2024) 763-774.	M21
25	A. Paul, F. Gusmão, A. G. Mahmoud, S. Hazra, L. Rakočević, B. Šljukić, R. A. Khan, M. F. C. Guedes da Silva, A. J. L. Pombeiro, Catalyzing towards clean energy: tuning the oxygen evolution reaction by amide-functionalized Co(ii) and Ni(ii) pristine coordination polymers, CrystEngComm, 26 (2024) 2755-2764.	M21
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29	J. Milikić; A. Nastasić; L. Rakočević; K. Radinović; S. Stojadinović; D. Stanković; B. Šljukić, FeM/rGO (M= Ni and Cu) as bifunctional oxygen electrode, Fuel 368 (2024) 131654	M21
30	I. N. Bubanja, A. F. Taylor, D. Stanisavljev, Experimental support for the model of Bray–Liebhafsky oscillatory reaction based on the heterogeneous effects, Phys. Chem. Chem. Phys., 26 (2024) 24975.	M21
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32	D. Popadić, J. Krstić, A. Janošević Ležaić, M. Popović, M. Milojević-Rakić, Lj. Ignjatović, D. Bajuk-Bogdanović, N. Gavrilov, Acetamidrid's degradation products and mechanism: Part II – Inert atmosphere and charge storage, <i>Spectrochim. Acta A Mol. Biomol. Spectrosc.</i> , 308 (2024) 123772	M21
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34	A. Janošević Ležaić, D. Bajuk-Bogdanović, G. Ćirić-Marjanović, In situ Raman spectroscopy study of the oxidative polymerization of aniline in media of different acidity, <i>Synthetic Metals</i> , Volume 305 (2024) 117602, https://doi.org/10.1016/j.synthmet.2024.117602 .	M21
35	A. Jevremović, M. Savić, A. Janošević Ležaić, J. Krstić, N. Gavrilov, D. Bajuk-Bogdanović, M. Milojević-Rakić, G. Ćirić-Marjanović, Environmental Potential of Carbonized MOF-5/PANI Composites for Pesticide, Dye, and Metal Cations—Can They Actually Retain Them All?, <i>Polymers</i> 15 (2023) 4349	M21
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38	V. Miletic, V. Komlenic, D. Bajuk-Bogdanović, J. Stasic, V. Petrovic, T. Savic-Stankovic, Preheating and “snow-plow” composite application technique affect double bond conversion but not bond strength to dentine, <i>J. Esthet. Restor. Dent.</i> , 36 (2024) 951	M21
39	N. Ninkovic, V. Opacic Galic, M. Milosevic, I. Trajkovic, J. Kuzmanovic Pficer, D. Bajuk-Bogdanović, P. Milovanovic, D. Yashin El-Bacha, M. Djuric, V. Miletic, Effects of minimally invasive endodontic access cavity in molar teeth on polymerization, porosity and fracture resistance, <i>Scientific Reports</i> , 14 (2024) 21635	M21
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42	V. Jovanović, I. Petrušić, A. Savić, V. Ković, Processing of visual hapaxes in picture naming task: An event-related potential study, <i>Int J Psychophysiol</i> 203 (2024) 112394.	M21

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45	M. Ivković, J. Savović, B.D. Stankov, M. Kuzmanović, I. Traparić, LIBS depth-profile analysis of W/Cu functionally graded material, <i>Spectrochim. Acta B: At. Spectrosc.</i> 2013 (2024) 106874	M21
46	M. Milović, M. Vujković, A. M. Stephan, M. Ivanović, D. Jugović, Cathode performance of novel γ -Li _{0.5} V ₂ O ₅ /carbon composite in organic and aqueous electrolyte, <i>Electrochimica Acta</i> , 499 (2024) 144693.	M21
47	T. Stamenković, N. Zdolšek, M. Vujković, S. Brković, I. Perović, Vesna Lojpur, Boosting electrochemical energy storage properties of SrGd ₂ O ₄ through Yb ³⁺ and Tm ³⁺ rare earth ion doping, <i>Electrochimica Acta</i> , 495 (2024) 144489.	M21
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49	M. M. Vasić, D. M. Minić, Kinetics of crystallization of Ni ₃ P phase from amorphous Ni-P powder alloy precursors for preparation of Ni ₃ P-rich alloys, <i>J. Therm. Anal. Calorim.</i> , 2024, https://doi.org/10.1007/s10973-024-13242-0	M21
50	Lj. Vasić, N. Tričković, Z. Bošković, A. Z. Jovanović, D. Vasiljević-Radović, N.V. Skorodumova, S. V. Mentus, I.A. Pašti, Electrocatalysis of hydrogen and oxygen electrode reactions in alkaline media by Rh-modified polycrystalline Ni electrode, <i>Electrochim. Acta</i> 505 (2024) 144983 https://doi.org/10.1016/j.electacta.2024.144983	M21
51	S. Weheabby, S. You, I. A. Pašti, A. Al-Hamry, O. Kanoun, Direct electrochemical detection of pirimicarb using graphene oxide and ionic liquid composite modified by gold nanoparticles, <i>Meas.: J. Int. Meas. Confed.</i> , 236 (2024) art. no. 115132, https://doi.org/10.1016/j.measurement.2024.115132	M21
52	A. Al-Hamry, Y. Pan, M. Rahaman, O. Selyshchev, C. Tegenkamp, D. R. T. Zahn, I. A. Pašti, O. Kanoun, Toward Humidity-Independent Sensitive and Fast Response Temperature Sensors Based on Reduced Graphene Oxide/Poly(vinyl alcohol) Nanocomposites, <i>ACS Appl. Electronic Mat.</i> , 6 (6), (2024) 4718-4734, https://doi.org/10.1021/acsaelm.4c00729	M21
53	I. Perović, S. Mitrović, S. Brković, N. Zdolšek, M. Seović, G. Tasić, I. Pašti, On the use of WO ₄ ²⁻ as a third component to Co–Mo ionic activator for HER in alkaline water electrolysis, <i>Int. J. Hydrogen Energy</i> , 64 (2024) 196-204, https://doi.org/10.1016/j.ijhydene.2024.03.267	M21
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