

Табела 6.4. Списак SCI/CCЦИ-индексираних радова (**M20**) по годинама за претходни трогодишњи период (**од 2021 - 2024**). – **2021; 2022; 2023 i 2024**

2021.

Р.Б.	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у складу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, волумен година, стране од-до – попунити према примеру датом у табели)	М
1.	Kramar, A., Ivanovska, A., & Kostić, M. (2021). Regenerated Cellulose Fiber Functionalization by Two-step Oxidation Using Sodium Periodate and Sodium Chlorite - Impact on the Structure and Sorption Properties [Korean Fiber Society]. <i>Fibers and Polymers</i> , 22(8), 2177–2186.	M21
2.	Smiljanić, S., Grujić, S. R., Matijašević, S., Stojanović, J., Nikolić, J., Savić, V., & Popović, D. Z. (2021). Crystal growth of La(2)SrB(10)O(19)from undercooled melt [Springer, Dordrecht]. <i>Journal of Thermal Analysis and Calorimetry</i> , 146(4), 1569–1576.	M21
3.	Petković Benazzouz, M. M., Rakić, A. A., Trišović, N. P., Zarić, B., & Janjić, G. V. (2021). Supramolecular Perspective of Coordination Effects on Fluorine Interactions [American Chemical Society (ACS)]. <i>Crystal Growth and Design</i> , 21(11), 6129–6142.	M21
4.	Dimitrijevic, S. B., Velickovic, S. R., Ivanovic, A. T., Veljkovic, F. M., Jovanovic, M. M., Kamberović, Ž., & Dimitrijević, S. (2021). Recovery of tungsten trioxide from waste diamond core drilling crowns by nitric acid leaching. <i>International Journal of Refractory Metals and Hard Materials</i> , 101.	M21
5.	Tomić, S., Nikodinović-Runić, J., Vukomanovic, M., Babic, M. M., & Vuković, J. (2021). Novel Hydrogel Scaffolds Based on Alginate, Gelatin, 2-Hydroxyethyl Methacrylate, and Hydroxyapatite. <i>Polymers</i> , 13(6), 932–932.	M21
6.	Spasojević, P., Šešlija, S., Marković, M., Pantić, O., Antić, K., & Spasojević, M. (2021). Optimization of reactive diluent for bio-based unsaturated polyester resin: A rheological and thermomechanical study [Basel : MDPI]. <i>Polymers</i> , 13(16), 2667–2667.	M21
7.	Stopic, S., Wenz, F., Volkov-Husović, T., & Friedrich, B. (2021). Synthesis of Silica Particles Using Ultrasonic Spray Pyrolysis Method. <i>Metals</i> , 11(3), 463–463.	M21
8.	Krivokapic, J., Ivanovic, J., Krkobabic, M., Arsenijevic, J., & Ibric, S. (2021). Supercritical fluid impregnation of microcrystalline cellulose derived from the agricultural waste with ibuprofen. <i>Sustainable Chemistry and Pharmacy</i> , 21, 100447–100447.	M21
9.	Volkov - Husović, T., Ivanić, I., Kožuh, S., Stevanović, S., Vlahović, M., Martinović, S., Stopić, S., & Gojić, M. (2021). Microstructural and cavitation erosion behavior of the cualni shape memory alloy [MDPI]. <i>Metals</i> , 11(7), 997–997.	M21
10.	Milanović, J. Ž., Milošević, M. D., Korica, M., Janković-Častvan, I., & Kostić, M. (2021). Oxidized Hemp Fibers with Simultaneously Increased Capillarity and Reduced Moisture Sorption as Suitable Textile Material for Advanced Application in Sportswear [Korean Fiber Society]. <i>Fibers and Polymers</i> , 22(7), 2052–2062.	M21
11.	Cvetkovic, S. M., Kaluđerović-Radoičić, T., Kijevčanin, M., & Grbovic-	M21

	Novakovic, J. (2021). Life Cycle Energy Assessment of biohydrogen production via biogas steam reforming: Case study of biogas plant on a farm in Serbia. <i>International Journal of Hydrogen Energy</i> , 46(27), 14130–14137.	
12.	Obradović, M., Balanč, B., Lačnjevac, U., & Gojković, S. Lj. (2021). Electrochemically deposited iridium-oxide: Estimation of intrinsic activity and stability in oxygen evolution in acid solution [Elsevier]. <i>Journal of Electroanalytical Chemistry</i> , 881, 114944–114944.	M21
13.	Mladenović, I., Lamovec, J., Vasiljević-Radović, D., Vasilić, R., Radojević, V., & Nikolić, N. D. (2021). Implementation of the Chicot–Lesage Composite Hardness Model in a Determination of Absolute Hardness of Copper Coatings Obtained by the Electrodeposition Processes [MDPI]. <i>Metals</i> , 11(11), 1807–1807.	M21
14.	Mijailović, D. M., Radmilović, V. V., Lačnjevac, U., Stojanović, D. B., Bustillo, K. C., Jović, V. D., Radmilović, V. R., & Uskoković, P. S. (2021). Tetragonal CoMn ₂ O ₄ nanocrystals on electrospun carbon fibers as high-performance battery-type supercapacitor electrode materials [Royal Society of Chemistry]. <i>Dalton Transactions</i> , 50(43), 15669–15678.	M21
15.	Milentijević, G., Marinković, A. D., Rančić, M., Bogdanović, A., Prlainović, N., Marković, S., & Milosavljević, M. (2021). New Facile One-Pot Synthesis of Isobutyl Thiocarbamate in Recycling Solvent Mixture [MDPI]. <i>Minerals</i> , 11(12).	M21
16.	Bugarčić, M., Lopičić, Z., Šoštarić, T., Marinković, A. D., Rusmirović, J. D., Milošević, D., & Milivojević, M. (2021). Vermiculite enriched by Fe(III) oxides as a novel adsorbent for toxic metals removal [Elsevier]. <i>Journal of Environmental Chemical Engineering</i> , 9(5), 106020–106020.	M21
17.	Barjaktarević, D., Međo, B., Stefane, P., Gubeljak, N., Cvijović-Alagić, I., Đokić, V., & Rakin, M. (2021). Tensile and Corrosion Properties of Anodized Ultrafine-Grained Ti-13Nb-13Zr Biomedical Alloy Obtained by High-Pressure Torsion [Korean Inst Metals Materials, Seoul]. <i>Metals and Materials International</i> , 27(9), 3325–3341.	M21
18.	Sedmak, A., Hemer, A., Sedmak, S. A., Milović, L., Grbovic, A., Cabrilo, A., & Kljajin, M. (2021). Welded joint geometry effect on fatigue crack growth resistance in different metallic materials. <i>International Journal of Fatigue</i> , 150, 106298–106298.	M21
19.	Knezevic, M. M., Stajkovic-Srbinić, O. S., Assel, M., Milić, M., Mihajlovski, K., Delic, D., & Buntić, A. V. (2021). The ability of a new strain of <i>Bacillus pseudomycoloides</i> to improve the germination of alfalfa seeds in the presence of fungal infection or chromium. <i>Rhizosphere</i> , 18, 100353–100353.	M21
20.	Suručić, L. T., Tadić, T., Janjić, G., Marković, B., Nastasović, A., & Onjia, A. (2021). Recovery of vanadium (V) oxyanions by a magnetic macroporous copolymer nanocomposite sorbent [MDPI]. <i>Metals</i> , 11(11), 1777–1777.	M21
21.	Gak Simic, K., Đorđević, I., Janjić, G., Datz, D., Tóth-Katona, T., & Trišović, N. (2021). On the photophysical properties of a liquid crystal dimer based on 4-nitrostilbene: A combined experimental and theoretical study [Elsevier]. <i>Journal of Molecular Liquids</i> , 339, 116969–116969.	M21
22.	Vuksanović, M. M., Gajić-Kvaščev, M., Volkov-Husović, T., & Jančić-Heinemann, R. (2021). Advanced damage resistance monitoring procedure on the composite materials' surface-exposed to cavitation testing. <i>Wear</i> , 474-475, 203877–203877.	M21
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24.	Korica, M., Peršin, Z., Fras Zemljič, L., Mihajlovski, K., Dojčinović, B., Trifunović, S., Vesel, A., Nikolić, T., & Kostić, M. M. (2021). Chitosan nanoparticles functionalized viscose fabrics as potentially durable antibacterial medical textiles [MDPI]. <i>Materials</i> , 14(13), 3762–3762.	M21
25.	Milutinović, M., Dimitrijević-Branković, S., & Rajilić-Stojanović, M. (2021). Plant Extracts Rich in Polyphenols as Potent Modulators in the Growth of Probiotic and Pathogenic Intestinal Microorganisms. <i>Frontiers in Nutrition</i> , 8.	M21
26.	Kramar, A., Petrovic, M., Mihajlovski, K., Mandic, B., Vukovic, G., Blagojevic, S., & Kostić, M. (2021). Selected Aromatic Plants Extracts as an Antimicrobial and Antioxidant Finish for Cellulose Fabric- Direct Impregnation Method. <i>Fibers and Polymers</i> , 22(12), 3317–3325.	M21
27.	Gak Simić, K., Đorđević, I. S., Lazić, A. M., Radovanović, L. D., Petković-Benazzouz, M., Rogan, J. R., Trišović, N., & Janjić, G. (2021). On the supramolecular outcomes of fluorination of cyclohexane-5-spirohydantoin derivatives [Royal Society of Chemistry]. <i>CrystEngComm</i> , 23(13), 2606–2622.	M21
28.	Pajić-Lijaković, I., & Milivojević, M. (2021). Viscoelasticity and cell jamming state transition [Springer Science and Business Media Deutschland GmbH]. <i>European Physical Journal Plus</i> , 136(7).	M21
29.	Pekmezović, M., Kalagasidis Krušić, M., Malagurski, I., Milovanović, J., Stepien, K., Guzik, M., Charifou, R., Babu, R., O'Connor, K., & Nikodinović-Runić, J. (2021). Polyhydroxyalkanoate/Antifungal Polyene Formulations with Monomeric Hydroxyalkanoic Acids for Improved Antifungal Efficiency [MDPI AG]. <i>Antibiotics</i> , 10(6).	M21
30.	Laketić, S., Rakin, M., Momčilović, M., Ciganović, J., Veljović, Đ., & Cvijović-Alagić, I. (2021). Surface modifications of biometallic commercially pure Ti and Ti-13Nb-13Zr alloy by picosecond Nd:YAG laser [Springer]. <i>International Journal of Minerals Metallurgy and Materials</i> , 28(2), 285–295.	M21
31.	Laketić, S., Rakin, M., Momčilović, M., Ciganović, J., Veljović, Đ. N., & Cvijović-Alagić, I. (2021). Influence of laser irradiation parameters on the ultrafine-grained Ti45Nb alloy surface characteristics. <i>Surface and Coatings Technology</i> , 418, 127255–127255.	M21
32.	Pesic, N., Dapčević, A., Ivkovic, B., Kachrimanis, K., Mitric, M., Ibric, S., & Medarevic, Đ. (2021). Potential application of low molecular weight excipients for amorphization and dissolution enhancement of carvedilol. <i>International Journal of Pharmaceutics</i> , 608, 121033–121033.	M21
33.	Jovanović, A., Đorđević, V., Petrović, P., Pljevljakusic, D. S., Zdunic, G. M., Savikin, K. P., & Bugarski, B. (2021). The influence of different extraction conditions on polyphenol content, antioxidant and antimicrobial activities of wild thyme [Elsevier GmbH]. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 25.	M21
34.	Svetozarević, M., Šekuljica, N., Knežević-Jugović, Z., & Mijin, D. (2021). Agricultural waste as a source of peroxidase for wastewater treatment: Insight in kinetics and process parameters optimization for anthraquinone dye removal. <i>Environmental Technology & Innovation</i> , 21, 101289–101289.	M21
35.	Ilić-Pajić, J., Radović, I., Grozdanić, N., Stajić-Trošić, J., & Kijevčanin, M. (2021).	M21

	Volumetric and thermodynamic properties of binary mixtures of p-cymene with alpha-pinene, limonene and citral at atmospheric pressure and temperatures up to 323.15 K [Elsevier B.V.]. <i>Journal of Molecular Liquids</i> , 344.	
36.	Davidović, S., Miljković, M., Gordić, M., Cabrera-Barjas, G., Nešić, A., & Dimitrijević-Branković, S. (2021). Dextran-Based Edible Coatings to Prolong the Shelf Life of Blueberries [MDPI]. <i>Polymers</i> , 13(23).	M21
37.	Putić, L., Alnouri, S. Y., Stijepović, V., Stajić-Trošić, J., Grujić, A., & Stijepović, M. Z. (2021). A universal transportation model for reverse osmosis systems [Elsevier]. <i>Computers and Chemical Engineering</i> , 148, 107264–107264.	M21
38.	Radosavljević, M., Lević, S., Belović, M., Pejin, J., Đukić-Vuković, A., Mojović, L., & Nedović, V. (2021). Encapsulation of <i>Lactobacillus rhamnosus</i> in Polyvinyl Alcohol for the production of L-(+)-Lactic Acid [Elsevier Sci Ltd, Oxford]. <i>Process Biochemistry</i> , 100, 149–160.	M21
39.	Mihajlovski, K., Pecarski, D., Rajilić-Stojanović, M., & Dimitrijević-Branković, S. (2021). Valorization of corn stover and molasses for enzyme synthesis, lignocellulosic hydrolysis and bioethanol production by <i>Hymenobacter</i> sp. CKS3. <i>Environmental Technology & Innovation</i> , 23, 101627–101627.	M21
40.	Gazikalović, I., Mijalković, J., Šekuljica, N., Jakovetić Tanasković, S., Djukić-Vuković, A., Mojović, L., & Knežević-Jugović, Z. (2021). Synergistic Effect of Enzyme Hydrolysis and Microwave Reactor Pretreatment as an Efficient Procedure for Gluten Content Reduction [MDPI]. <i>Foods</i> , 10(9), 2214–2214.	M21
41.	Maksimović, S., Tadić, V., Zvezdanovic, J., & Zizovic, I. (2021). Utilization of supercritical CO ₂ in bioactive principles isolation from <i>Helichrysum italicum</i> and their adsorption on selected fabrics. <i>Journal of Supercritical Fluids</i> , 171, 105197–105197.	M21
42.	Milovanović, S., Marković, D., Pantić, M., Pavlović, S., Knapczyk-Korczak, J., Stachewicz, U., & Novak, Z. (2021). Development of advanced floating poly(lactic acid)-based materials for colored wastewater treatment [Elsevier]. <i>The Journal of Supercritical Fluids</i> , 177, 105328–105328.	M21
43.	Vork, L., Penders, J., Jalanka, J., Bojic, S., van Kuijk, S. M. J., Salonen, A., de Vos, W. M., Rajilić-Stojanović, M., Weerts, Z. Z. R. M., Masclee, A. A. M., Pozuelo, M., Manichanh, C., & Jonkers, D. M. A. E. (2021). Does Day-to-Day Variability in Stool Consistency Link to the Fecal Microbiota Composition? <i>Frontiers in Cellular and Infection Microbiology</i> , 11.	M21
44.	Djokic, J., Radovanović, D., Nikolovski, Z., Andjic, Z., & Kamberović, Ž. (2021). Influence of Electrolyte Impurities from E-Waste Electrefining on Copper Extraction Recovery. <i>Metals</i> , 11(9), 1383–1383.	M21
45.	Milojkov, D., Sokić, M., Radosavljević-Mihajlović, A., Stanić, V., Manojlović, V., Mutavdžić, D., & Milanović, M. (2021). Influence of Pr ³⁺ and CO ₃ ²⁻ Ions Coupled Substitution on Structural, Optical and Antibacterial Properties of Fluorapatite Nanopowders Obtained by Precipitation [Basel: MDPI]. <i>Metals</i> , 11(9).	M21
46.	Ridošić, M., Nikolić, N. D., Salicio-Paz, A., García-Lecina, E., Živković, L. S., & Bajat, J. (2021). Zn-Co-CeO ₂ vs. Zn-Co Coatings: Effect of CeO ₂ Sol in the Enhancement of the Corrosion Performance of Electrodeposited Composite Coatings [MDPI]. <i>Metals</i> , 11(5), 704–704.	M21
47.	Kamberović, Ž., Gajić, N., Korać, M., Jevtić, S., Sokić, M., & Stojanović, J. (2021). Technologically Sustainable Route for Metals Valorization from Jarosite-PbAg Sludge [MDPI AG]. <i>Minerals</i> , 11(3).	M21

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49.	Vraneš, M., Radović, I., Bikić, S., Tot, A., Kijevčanin, M., Zarić, M., Borović, T. T., & Papović, S. (2021). Improving ethylene glycol transport properties by caffeine – Thermodynamic and computational evidence [Elsevier]. <i>Journal of Molecular Liquids</i> , 333(0167-7322), 115918–115918.	M21
50.	Tomić, N. Z., Saleh, M. N., Vuksanović, M. M., Egelja, A., Obradović, V., Marinković, A., & Jančić-Heinemann, R. (2021). Tailored Adhesion Properties of Acrylate Adhesives on Al Alloys by the Addition of Mn-Al-LDH. <i>Polymers</i> , 13(9), 1525–1525.	M21
51.	Obradović, V., Simić, D., Zrilić, M., Stojanović, D., & Uskoković, P. (2021). Novel Hybrid Nanostructures of Carbon Nanotube/Fullerene-like Tungsten Disulfide as Reinforcement for Aramid Fabric Composites [Korean Fiber Society]. <i>Fibers and Polymers</i> , 22(2), 528–539.	M21
52.	Lazić, V. M., Pirković, A., Sredojević, D., Marković, J. P., Papan, J., Ahrenkiel, S. P., Janković-Častvan, I., Dekanski, D., Jovanović-Krivokuća, M., & Nedeljković, J. (2021). Surface-modified ZrO ₂ nanoparticles with caffeic acid: Characterization and in vitro evaluation of biosafety for placental cells. <i>Chemico-Biological Interactions</i> , 347, 109618–109618.	M21
53.	Grozđanić, N., Radović, I., Knežević-Stevanović, A., & Kijevčanin, M. (2021). Volumetric properties of binary mixtures of tetrahydrofuran, dimethyl adipate, 1-butanol and 2-butanol from (288.15 to 323.15) K and modeling by Prigogine-Flory-Patterson (PFP) and Extended Real Association Solution (ERAS) models [Elsevier B.V.]. <i>Journal of Molecular Liquids</i> , 340.	M21
54.	Grubisic, M., Mihajlovski, K. R., Gruicic, A. M., Beluhan, S., Santek, B., & Ivancic-Santek, M. (2021). Strategies for Improvement of Lipid Production by Yeast <i>Trichosporon oleaginosus</i> from Lignocellulosic Biomass. <i>JOURNAL OF FUNGI</i> , 7(11), 934–934.	M21
55.	Mladenović, I., Nikolić, N. D., Lamovec, J., Vasiljević-Radović, D., & Radojević, V. (2021). Application of the Composite Hardness Models in the Analysis of Mechanical Characteristics of Electrolytically Deposited Copper Coatings: The Effect of the Type of Substrate [MDPI]. <i>Metals</i> , 11(1), 111–111.	M21
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57.	Milovanović, I., Zengin, G., Maksimović, S., & Tadić, V. (2021). Supercritical and ultrasound-assisted extracts from <i>Pleurotus pulmonarius</i> mushroom: chemical profiles, antioxidative, and enzyme-inhibitory properties [Wiley, Hoboken]. <i>Journal of the Science of Food and Agriculture</i> , 101(6), 2284–2293.	M21
58.	Antić, K., Onjia, A., Vasiljević-Radović, D., Veličković, Z., & Tomić, S. Lj. (2021). Removal of nickel ions from aqueous solutions by 2-hydroxyethyl acrylate/itaconic acid hydrogels optimized with response surface methodology [MDPI]. <i>Gels</i> , 7(4), 225–225.	M21
59.	Perendija, J., Veličković, Z. S., Cvijetić, I., Lević, S., Marinković, A. D., Milošević, M., & Onjia, A. (2021). Bio-membrane based on modified cellulose, lignin, and	M21

	tannic acid for cation and oxyanion removal: Experimental and theoretical study [Institution of Chemical Engineers]. Process Safety and Environmental Protection, 147, 609–625.	
60.	Popović, A. L., Rusmirović, J., Veličković, Z., Kovacević, T., Jovanović, A., Cvijetić, I., & Marinković, A. (2021). Kinetics and column adsorption study of diclofenac and heavy-metal ions removal by amino-functionalized lignin microspheres [Elsevier Science Inc, New York]. Journal of Industrial and Engineering Chemistry, 93, 302–314.	M21
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65.	Li, F., Zheng, W., Liu, J., Zhao, L., Janackovic, D. T., Qiu, Y., Song, X., Zhang, P., & Gao, L. (2021). Enhancing the Long-Term Photoelectrochemical Performance of TiO ₂ /Si Photocathodes by Coating of Ti-Doped Mesoporous Hematite. ACS APPLIED ENERGY MATERIALS, 4(8), 7882–7890.	M21
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67.	Ivanovska, A., Veljović, S., Dojčinović, B., Tadić, N., Mihajlovski, K., Natić, M., & Kostić, M. (2021). A Strategy to Revalue a Wood Waste for Simultaneous Cadmium Removal and Wastewater Disinfection [Hindawi Limited]. Adsorption Science & Technology, 2021, 1–14.	M21
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70.	Barshtein, G., Pajić-Lijaković, I., & Gural, A. (2021). Deformability of Stored Red Blood Cells [Frontiers Media S.A.]. Frontiers in Physiology, 12.	M21
71.	Zdujic, A., Trivunac, K., Pejic, B., Vukčević, M., Kostić, M., & Milivojević, M. (2021). A Comparative Study of Ni (II) Removal from Aqueous Solutions on Ca-Alginate Beads and Alginate-Impregnated Hemp Fibers. Fibers and Polymers,	M21

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Р.Б.	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у складу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, волумен година, стране од-до – попунити према примеру датом у табели)	М
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