Табела 6.4. Списак SCI/ ССЦИ-индексираних радова по годинама за претходни трогодишњи период 2022-2024.

Р.Б.	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у сладу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, година)	М
	2024	
1.	**Markovic, N., Grdic, D. Z., Stojkovic, N. V., Toplicic-Curcic, G. A., & Zivkovic, D. Z.** (2024). Two-Dimensional Damage Localization Using a Piezoelectric Smart Aggregate Approach-Implementation on Arbitrary Shaped Concrete Plates [Basel : MDPI]. Materials, 17(1), 218–218. https://doi.org/10.3390/ma17010218	**M21**
2.	Stojmenović, M., Gulicovski, J., Nišić, N., **Ristić, N.,** Liu, S., Loredo, J., & Kragović, M. (2024). Sustainable Application of Waste Sludges from the Wastewater Treatment Plant Generated during the Production of Heating Devices in the Construction Industry [Basel : MDPI]. Materials, 17(5), 1089–1089. https://doi.org/10.3390/ma17051089	**M21**
3.	**Miljkovic, M. S.,** Griffa, M., Munch, B., Plamondon, M., & Lura, P. (2024). Mesostructural evolution of fine-aggregate bitumen emulsion-cement composites by X-ray tomography [United States : Taylor & Francis]. The International Journal of Pavement Engineering, 25(1). https://doi.org/10.1080/10298436.2023.2283610	**M21**
4.	Gharari, F., Hematpour, N., Bakouch, H. S., & **Popović, P. M.** (2024). Fractional Duals of the Poisson Process on Time Scales with Applications in Cryptography [Singapore : Springer]. Bulletin of the Malaysian Mathematical Sciences Society, 47(145). https://doi.org/10.1007/s40840-024-01737-w	**M21**
5.	**Miljkovic, M.,** Wu, C., Jelagin, D., & Xie, H. (2024). Microstructural analysis of the phase separation of epoxy-modified bitumen [United Kingdom : Elsevier B. V.]. Construction and Building Materials, 451, 138596–138596. https://doi.org/10.1016/j.conbuildmat.2024.138596	**M21a**
6.	Zhu, X., Wang, Y., **Miljkovic, M. S.**, Li, R., & Hao, G. (2024). Effects of polymer structure on the physicochemical and performance-related properties of SBS-modified asphalt binders subjected to short-term aging [United Kingdom : Elsevier BV]. Construction & Building Materials, 411, 134446–134446. https://doi.org/10.1016/j.conbuildmat.2023.134446	**M21a**
7.	**Popovic, P. M.,** Bakouch, H. S., & Ristic, M. M. (2024). A non-linear integer-valued autoregressive model with zero-inflated data series [Taylor & Francis]. Journal of Applied Statistics. https://doi.org/10.1080/02664763.2024.2419495	M22
8.	Živanović, E., Veljković, S., Mitrović, N., Jovanović, I., **Đorić Veljković, S.,** Paskaleva, A., Spassov, D., & Danković, D. (2024). A Reliability Investigation of VDMOS Transistors: Performance and Degradation Caused by Bias Temperature Stress [MDPI]. Micromachines, 15(4), 503–503. https://doi.org/10.3390/mi15040503	M22
9.	**Zlatanović, E., Marinković, N., Bonić, Z., Romić, N., Đorić-Veljković, S., Cvetković, D.,**	M22

	& Đorđević, D. (2024). Comparative Study of the Effects of Conventional, Waste, and Alternative Materials on the Geomechanical Properties of Clayey Soil in the Chemical Soil Stabilisation Technique [Basel : MDPI AG]. Applied Sciences, 14(14), 6249–6249. https://doi.org/10.3390/app14146249	
10.	**Spasojević Šurdilović, M., Zorić, A., Živkovic, S., & Turnić, D.** (2024). Analytical Investigation of the Effects of Additional Load Mass on the Fundamental Frequency of Pedestrian Beam Bridges [Basel : MDPI]. Applied Sciences, 14(16), 7369–7369. https://doi.org/10.3390/app14167369	**M22**
11.	**Zivkovic, M., Stanimirovic, M., Stamenkovic, M., Kondic, S., & Petrovic, V.** (2024). Learning from the Past, Looking to Resilience: Housing in Serbia in the Post-Pandemic Era [Basel : MDPI AG]. Buildings, 14(5), 1461–1461. https://doi.org/10.3390/buildings14051461	**M22**
12.	**Živković, S., Stojković, N., Turnić, D.,** Milošević, M., **& Spasojević Šurdilović, M.** (2024). Numerical Simulation of T Joints Constructed from Hollow Steel Sections [Basel: MDPI AG]. Applied Sciences, 14(8), 3152–3152. https://doi.org/10.3390/app14083152	**M22**
13.	**Zorić, A., & Trajković-Milenković, M.** (2024). Semi-analytical solution for elastoplastic deflection of prismatic fixed-end beams with circular cross-section [United Kingdom : SAGE Publications on behalf of the Institution of Mechanical Engineers]. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 238(3), 677–692. https://doi.org/10.1177/09544062231181008	**M23**
14.	**Ranković, S.,** Folić, R., **Zorić, A., Vacev, T., Petrović, Ž., &** Kovačević, D. (2024). Experimental Analysis of an Innovative Double Strap Joint Splicing of GFRP Bars by NSM Methods for Strengthening RC Beams [Budapest : Budapest University of Technology and Economics]. Periodica Polytechnica Civil Engineering, 68(1), 185–196. https://doi.org/10.3311/PPci.22681	**M23**
15.	Mohammadi, Z., Bakouch, H. S., & **Popović, P. M.** (2024). INAR(1) process with weighted negative binomial Lindley distributed innovations and applications to criminal and COVID-19 data [United States : Taylor & Francis]. Communications in Statistics - Simulation and Computation. https://doi.org/10.1080/03610918.2024.2338184	**M23**
16.	**Milić, M., Vacev, T., Petronijević, P., Nešović, I., Zorić, A.,** Paunović, S., **& Matejević-Nikolić, B.** (2024). Experimental Research and FE Model of a Bolted Steel-CLT Composite Connection [Budapest : Polytechnical University]. Periodica Polytechnica Civil Engineering, 68(1), 8–22. https://doi.org/10.3311/PPci.22752	**M23**
17.	**Dimitrijević, J., Bonić, Z., Zafirovski, Z., Milićević, D.,** Djordjević, D. M., **Zlatanović, E.,** Mrmošanin, J., **& Marinković, N.** (2024). LID Approach to Railway Track Drainage: Determination of Heavy Metal Content in the Embankment of Railway [Budapest : Budapest University of Technology and Economics]. Periodica Polytechnica Civil Engineering, 68(3), 872–882. https://doi.org/10.3311/PPci.23433	**M23**
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19.	**Marinković, N., Zlatanović, E., Bonić, Z.,** Djordjević, D., **& Romić, N.** (2024). Influence of traditional and alternative additives on the physical and mechanical properties of clayey soil [Zagreb : Hrvatski savez građevinskih inženjera]. Journal of Civil Engineering - Građevinar, 2024, 76(6), 533–542. https://doi.org/10.14256/JCE.4023.2024	**M23**
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21.	Singh, A., Gupta, A., & **Miljkovic, M. S.** (2023). Intermediate- and high-temperature damage of bitumen modified by HDPE from various sources [United Kingdom : Taylor and Francis Ltd.]. Road Materials and Pavement Design, 24(sup. 1), 640–653. https://doi.org/10.1080/14680629.2023.2181017	**M21**
22.	Netinger-Grubes, I., Baris, I., Habuda-Stanic, M., & **Grdic, D. Z.** (2023). Effect of CRT glass and TiO2 as a replacement for fine aggregate and cement on properties of pervious concrete paving flags [Elsevier]. Construction & Building Materials, 397, 132426–132426. https://doi.org/10.1016/j.conbuildmat.2023.132426	**M21a**
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26.	Stojković, M., Marjanović, D., Rakić, D., Ivetić, D., Simić, V., Milivojević, N., & **Trajković, S.** (2023). Assessment of water resources system resilience under hazardous events using system dynamic approach and artificial neural networks [London : IWA Publishing]. Journal of Hydroinformatics, 25(2), 208–225. https://doi.org/10.2166/hydro.2023.069	**M22**
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28.	**Stoiljković, B., Petković, N., Krstić, H., & Petrović, V.** (2023). Application of Circular Economy Principles to Architectural Design: A Case Study of Serbia [Basel : MDPI AG]. Buildings, 13(8), 1990–1990. https://doi.org/10.3390/buildings13081990	**M22**
29.		**M22**

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31.	Josifovski, A., Todorović, N., Milošević, J., Veizović, M., Pantelić, F., Aškrabić, M., **Vasov, M.,** & Rajčić, A. (2023). An Approach to In Situ Evaluation of Timber Structures Based on Equalization of Non-Destructive and Mechanical Test Parameters [Basel : MDPI AG, 2011-]. Buildings, 13(6), 1405–1405. https://doi.org/10.3390/buildings13061405	**M22**
32.	**Cvetković, R.,** Ranković, S., Kočetov Mišulić, T., & Kukaras, D. (2023). Experimental Analysis of Mechanical Behavior of Timber-Concrete Composite Beams with Different Connecting Systems [Basel, Switzerland : MDPI]. Buildings, 14(1). https://doi.org/10.3390/buildings14010079	**M22**
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34.	**Blagojević, B.,** Mihailović, V., Bogojević, A., & Plavšić, J. (2023). Detecting annual and seasonal hydrological change using marginal distributions of daily flows [Basel : MDPI, 2009-]. Water, MDPI, 15(16), 2919–2919. https://doi.org/10.3390/w15162919	**M22**
35.	**Blagojević, B., Vasilevska, L.,** Anđelković, D., Bogojević, A., & Lousada, S. (2023). A Framework for Assessing Nature-Based Urban Stormwater Management Solutions: A Preliminary Spatial Analysis Approach Applied to Southeast Serbia [Basel : MDPI, 2009-]. Water, 15(20), 3604–3604. https://doi.org/10.3390/w15203604	**M22**
36.	**Milicevic, D.** (2023). Modeling water hyacinth growth dynamics [Beograd : Serbian Biological Society]. Archives of Biological Sciences, 75(2), 165–185. https://doi.org/10.2298/ABS230222014M	**M23**
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41.	**Vacev, T., Zorić, A., Grdić, D., Ristić, N., Grdić, Z., & Milić, M.** (2023). Experimental and Numerical Analysis of Impact Strength of Concrete Slabs [Budapest : Budapest University of Technology and Economics]. Periodica Polytechnica Civil Engineering, 67(1). https://doi.org/10.3311/PPci.21084	**M23**
42.	**Matejević Nikolić, B., & Živković, L.** (2023). Development of the Simulation Model for Ready Mixed Concrete Supply Chain Cost Structure [Hrvatska : Strojarski fakultet u Slavonskom Brodu, Fakultet elektrotehnike, računarstva i informacijskih tehnologija Osijek, Građevinski i arhitektonski fakultet Osijek]. Tehnicki Vjesnik - Technical Gazette, 30(1), 102–113. https://doi.org/10.17559/TV-20220310120002	**M23**
43.	**Grdic, Z.**, Despotovic, I.**, Grdić D., , Topličić-Ćurčić G.,** Bijeljić J.,**& Ristic, N.** (2023). Concrete Resistance Achieved with Subtly Ground Tube Glass of Cathode Ray as Supplementary Cementitious Material to Sulphate Attack [Budapest : Budapest University of Technology and Economics]. Periodica Polytechnica Civil Engineering, 67(1), 298–307. https://doi.org/10.3311/PPci.21086	**M23**
44.	**Stanojevic, A., Vasov, M., Ranđelovic, D., &** Bogdanovic, V. (2023). Summer outdoor thermal comfort in multi-family housing: Combining microclimate indicators with human thermal sensation [Belgrade : Vinča Institute of Nuclear Science]. Thermal Science, 27(3 Part B), 2399–2412. https://doi.org/10.2298/TSCI220531150S	**M23**
45.	**Milicevic, D.** (2023). Modeling the growth dynamics of water lettuce, Pistia stratiotes L. in wastewater [Beograd : Serbian Biological Society]. Archives of Biological Sciences, 00. https://doi.org/10.2298/ABS230607031M	**M23**
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46.	Yan, K., Yang, K., Long, Z., **Miljkovic, M. S.,** Zhou, W., Liu, K., & You, L. (2022). Influence of alternative rice husk ash filler on bitumen emulsion-based recycled asphalt [United Kingdom : Elsevier BV]. Road Materials and Pavement Design, 24(6), 1507–1521. https://doi.org/10.1080/14680629.2022.2081253	**M21**
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48.	Li, F., Wang, Y., **Miljkovic, M. S.,** & Chan, K. M. (2022). Changes in the nanoscale asphaltene particles and relaxation spectra of asphalt binders during aging and rejuvenation [United Kingdom : Elsevier]. Materials & Design, 219, 110808–110808. https://doi.org/10.1016/j.matdes.2022.110808	**M21**
49.	Zhu, X., **Miljkovic, M. S.,** Wang, Y., & Hao, G. (2022). Property transitions of neat and styrene-butadiene-styrene (SBS)-modified asphalt binders from small, medium to large-amplitude oscillatory shears [United States : Taylor & Francis]. The International Journal of Pavement Engineering. https://doi.org/10.1080/10298436.2022.2068548	**M21**
50.	Long, Z., Tang, X., Ding, Y., **Miljkovic, M. S.,** Khanal, A., Ma, W., You, L., & Xu, F. (2022). Influence of sea salt on the interfacial adhesion of bitumen-aggregate systems by molecular dynamics simulation [United Kingdom : Elsevier Ltd.]. Construction &	**M21a**

	Building Materials, 336, 127471–127471. https://doi.org/10.1016/j.conbuildmat.2022.127471	
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52.	Poulikakos, L., Pasquini, E., Tušar, M., Hernando, D., Wang, D., Mikhailenko, P., Pasetto, M., Baliello, A., Cannone Falchetto, A., **Miljković, M.,** Orešković, M., Viscione, N., Saboo, N., Orozco, G., Lachance-Tremblay, E., Vaillancourt, M., Rafiq Kakar, M., Bueche, N., Stoop, J., et al. (2022). RILEM interlaboratory study on the mechanical properties of asphalt mixtures modified with polyethylene waste [United Kingdom : Elsevier]. Journal of Cleaner Production, 375, 134124–134124. https://doi.org/10.1016/j.jclepro.2022.134124	**M21a**
53.	Ikram, R. M. A., Goliatt, L., Kisi, O., **Trajkovic, S.,** & Shahid, S. (2022). Covariance Matrix Adaptation Evolution Strategy for Improving Machine Learning Approaches in Streamflow Prediction [Basel : MDPI AG]. Mathematics, 10(16), 2971–2971. https://doi.org/10.3390/math10162971	**M21a**
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56.	Mirbolouki, A., Heddam, S., Parmar, K. S., **Trajkovic, S.,** Mehraein, M., & Kisi, O. (2022). Comparison of the advanced machine learning methods for better prediction accuracy of solar radiation using only temperature data: A case study [United Kingdom : Wiley, Hindawi]. International Journal of Energy Research, 46(3), 2709–2736. https://doi.org/10.1002/er.7341	**M21a**
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58.	**Dinic Brankovic, M., Igic, M., Đekic, J., & Mitkovic, M.** (2022). Impact of post-socialist vertical extensions of buildings on outdoor microclimate in collective housing areas: A study of Niš, Serbia [Netherlands : Elsevier]. Energy and Buildings, 265, 112081–112081. https://doi.org/10.1016/j.enbuild.2022.112081	**M21a**
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63.	**Zorić, A., Trajković-Milenković, M., Zlatkov, D., & Vacev, T.** (2022). Semi-Analytical Solution for Elastoplastic Deflection of Non-Prismatic Cantilever Beams with Circular Cross-Section [Basel : MDPI AG]. Applied Sciences, 12(11), 5439–5439. https://doi.org/10.3390/app12115439	**M22**
64.	**Turnić, D. T.,** Igić, T. S., Živkovic, S. M., Igić, A., & **Spasojević-Šurdilović, M.** (2022). On the Optimal Design of Steel Shells with Technological Constraints [Basel : MDPI AG]. Applied Sciences-Basel, 12(5), 2282–2282. https://doi.org/10.3390/app12052282	**M22**
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67.	Peng, C., Lu, L., You, Z., Xu, F., You, L., **Miljkovic, M. S.,** Guo, C., Huang, S., Ma, H., Hu, Y., Liu, Y., Dai, J., Zhu, J., & Bi, H. (2022). Influence of silane-hydrolysate coupling agents on bitumen-aggregate interfacial adhesion: An exploration from molecular dynamics simulation [United Kingdom : Elsevier BV]. International Journal of Adhesion and Adhesives, 112, 102993–102993. https://doi.org/10.1016/j.ijadhadh.2021.102993	**M22**
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