

Popis radova objavljenih u akad. god. 2022./2023. u časopisima indeksiranim u WoSCC (Web of Science Core Collection) i/ili Scopus bazi u prvom kvartilu (Q1) prema klasifikaciji u pripadnim kategorijama Journal Citation Report (JCR) temeljenim na bazi Web of Science Core Collection i/ili Scimago Journal & Country Rank (SJR) temeljenim na bazi Scopus

Red. br.	Autor(i)	Naslov rada	Časopis, IF, kvartil (JCR/SJR)	Godina, Br. (Vol): str.	Vrsta rada	Poveznica na rad
1.	Brunšek, R.; Kopitar, D.; Schwarz, I.; Marasović, P.	Biodegradation Properties of Cellulose Fibers and PLA Biopolymer	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(17): 3532 – 3552.	znanstveni rad	https://www.mdpi.com/2073-4360/15/17/3532
2.	Flinčec Grgac, S.; Biruš, T. D.; Tarbuk, A.; Dekanić, T.; Palčić, A.	Durable Chitosan Functionalization of Cellulosic Fabrics	Polymers, IF = 5.0 (Q1/Q1)	2023, 15 (18): 3829 – 3842	znanstveni rad	https://www.mdpi.com/2073-4360/15/18/3829
3.	Kalazić, A.; Badrov, T.; Schwarz, I.; Brnada, S.	Incorporating Variable Porosity into the Determination of Effective Permeability in Interchanging Double Cloth Woven Fabrics Using Darcy's Law	Polymers, IF = 5.0 (Q1/Q1)	2023, 15: 15143048	znanstveni rad	https://www.mdpi.com/2073-4360/15/14/3048
4.	Kiš, A.; Schwarz, I.; Brunšek, R.; Kovačević, S.	Justification of Starching Cotton and Aramid Yarns by Industrial and Laboratory Processes	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(11); 2448.	znanstveni rad	https://www.mdpi.com/2073-4360/15/11/2448
5.	Maračić, S.; Jakopec, S.; Piškor, M.; Leventić, M.; Lapić, J.; Djaković, S.; Cetina, M.; Glavaš-Obrovac, Lj.; Raić-Malić, S.	Mechanochemical synthesis and antiproliferative activity of novel ferrocene quinoline/quinolone hybrids	Applied organometallic chemistry, IF = 3.9 (Q1/Q1)	2023, 37(7): e7124, 29.	znanstveni rad	https://onlinelibrary.wiley.com/doi/abs/10.1002/aoc.7124
6.	Novak Jovanović, I.; Vianello, R.; Jadreško, D.; Racane, L.; Hranjec, M.	Electrochemical oxidation and superoxide radical scavenging activity of 2-hydroxy/methoxy-phenylbenzothiazole derivatives	Journal of electroanalytical chemistry, IF = 4.5 (Q1/Q1)	2023 (947): 117787; 1 – 11	znanstveni rad	https://www.sciencedirect.com/science/article/abs/pii/S1572665723006471

7.	Pušić, T.; Vojnović, B.; Flinčec Grgac, S.; Čurlin, M.; Malinar, R.	Particle Shedding from Cotton and Cotton-Polyester Fabrics in the Dry State and in Washes	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(15): 3201, 6.	znanstveni rad	https://www.mdpi.com/2073-4360/15/15/3201
8.	Pušić, T., Šaravanja, B.; Hursa Šajatović, A.; Malarić, K.	Durability of Shield Effective Polyester Cotton Fabric with Integrated Stainless Steel Threads in Processes of Dry and Wet Cleaning	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(3), 633: 1 – 12	pregledni rad	https://www.mdpi.com/2073-4360/15/3/633
9.	Racané, L.; Ptiček, L.; Koštrun, S.; Raić-Malić, S.; Craig Taylor, M.; Delves, M.; Alsford, S.; Olmo, F.; Fortes Francisco, A.; Kelly, J.M	Bis-6-amidino-benzothiazole Derivative that Cures Experimental Stage 1 African Trypanosomiasis with a Single Dose	Journal of medicinal chemistry, IF = 7.3 (Q1/Q1)	023 (66): 13043 – 13057	znanstveni rad	https://pubs.acs.org/doi/full/10.1021/acs.jmedchem.3c01051
10.	Vinceković, M., Jurić, S., Vlahoviček-Kahlina, K., Martinko, K., Šegota, S., Marijan, M., Krčelić, A., Svečnjak, L., Majdak, M., Nemet, I., Rončević, S., Rezić, I.	Novel Zinc/Silver Ions-Loaded Alginate/Chitosan Microparticles Antifungal Activity against Botrytis cinerea	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(22): 4359	znanstveni rad	https://www.mdpi.com/2073-4360/15/22/4359
11.	Vrdoljak, V.; Hrenar, T.; Rubčić, M.; Pavlović, G.; Friganović, T.; Cindrić, M.	Ligand-Modulated Nuclearity and Geometry in Nickel(II) Hydrazone Complexes: From Mononuclear Complexes to Acetato- and/or Phenoxido-Bridged Clusters	International journal of molecular sciences, IF = 5.6 (Q1/Q1)	2023 24(3): 1909, 19.	znanstveni rad	https://www.mdpi.com/1422-0067/24/3/1909
12.	Zain, G.; Jordanov, I.; Bischof, S.; Magovac, E.; Šišková, A. Opálková; Vykydalová, A.; Kleinová, A.; Mičušík, M.; Mosnáčková, K.; Nováčiková, J.; Mosnáček, J.	Flame-retardant finishing of cotton fabric by surface-initiated photochemically induced atom transfer radical polymerization	Cellulose, IF = 5.7 (Q1/Q1)	2023, 30(4): 2529–2550	znanstveni rad	https://link.springer.com/article/10.1007/s10570-022-04982-z

13.	Zdraveva, E.; Bendelja, K.; Bočkor, L.; Dolenc, T.; Mijović, B.	Detection of Limbal Stem Cells Adhered to Melt Electrospun Silk Fibroin and Gelatin-Modified Polylactic Acid Scaffolds	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(3): 777, 23.	znanstveni rad	https://www.mdpi.com/2073-4360/15/3/777
14.	Zdraveva, E.; Dolenc, T.; Tominac Trcin, M.; Govorčin Bajsić, E.; Holjevac Grgurić, T.; Tomljenović, A.; Dekaris, I.; Jelić, J.; Mijović, B.	The Reliability of PCL/Anti-VEGF Electrospun Scaffolds to Support Limbal Stem Cells for Corneal Repair	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(12): 2663	znanstveni rad	https://www.mdpi.com/2073-4360/15/12/2663
15.	Zdraveva, E.; Gaurina Srček, V.; Kraljić, K.; Škevin, D.; Slivac, I.; Obranić, M.	Agro-Industrial Plant Proteins in Electrospun Materials for Biomedical Application	Polymers, IF = 5.0 (Q1/Q1)	2023, 15(12): 2684, 22.	znanstveni rad	https://www.mdpi.com/2073-4360/15/12/2684
16.	Beč, A.; Racané, L.; Žonja, L.; Persoons, L.; Daelemans, D.; Starčević, K.; Vianello, R.; Hranjec, M.	Biological evaluation of novel amidino substituted coumarin-benzazole hybrids as promising therapeutic agents	RSC Medicinal Chemistry, IF = 4.1 (Q2/Q1)	2023, 14(5): 957 – 968	znanstveni rad	https://pubs.rsc.org/en/content/articlelanding/2023/md/d3md00055a
17.	Brkić, A.L.; Supina, A.; Capeta, D.; Doncevic, L.; Ptiček, L.; Mandić, Š.; Racane, L. Delač, I.	Influence of Solvents and Adsorption of Organic Molecules on the Properties of CVD Synthesized 2D MoS ₂	Nanomaterials, IF = 5.3 (Q2/Q1)	2023, 13(14): 2115; 1 – 14	znanstveni rad	https://www.mdpi.com/2079-4991/13/14/2115
18.	Martinčević, M.; Maslić Seršić, D.; Jokić, D.	Contribution of CEE authors to psychological science: is the growing trend of publishing in non-CEE journals still present 10 years after its inception?	Scientometrics, IF = 3.9 (Q2/Q1)	2023, 128(6): 3703 – 3721.	znanstveni rad	file:///C:/Users/TTF/Downloads/martincevic-2023-contribution_of_cee_authors_to_ttf_1282-publishedversion-uf8koc-s.pdf
19.	Badrov, T.; Schwarz, I.; Kovačević, S.	Multifunctionality of Thermal Protective Layer Interchanging Double Cloth Conditioned by Influential Parameters	Polymers, IF = 5.0 (Q1/Q1)	2022, 14 (21): 4561	znanstveni rad	https://www.mdpi.com/2073-4360/14/21/4561

20.	Kovačević, S.; Rogina-Car, B.; Kiš, A.	Application of 3D-Woven Fabrics for Packaging Materials for Terminally Sterilized Medical Devices	Polymers, IF = 5.0 (Q1/Q1)	2022, 14 (22): 4952 – 4966	znanstveni rad	https://www.mdpi.com/2073-4360/14/22/4952
21.	Rep Kaulić, V.; Racané, L.; Leventić, M.; Šubarić, D.; Rastija, V.; Glavaš – Obrovac, Lj.; Raić – Malić, S.	Synthesis, Antiproliferative Evaluation and QSAR Analysis of Novel Halogen-and Amidino-Substituted Benzothiazoles and Benzimidazoles	International journal of molecular sciences, IF = 5.6 (Q1/Q1)	2022 23(24):1584 3; 1 – 35	znanstveni rad	https://www.mdpi.com/1422-0067/23/24/15843
22.	Rezić, I.	Nanoparticles for Biomedical Application and Their Synthesis	Polymers, IF = 5.0 (Q1/Q1)	2022, 14(22): 4961	znanstveni rad	https://www.mdpi.com/2073-4360/14/22/4961
23.	Rogina-Car, B.; Pavlović, Ž.; Skenderi, Z.	The Effectiveness of the Microbial Barrier Knitted Homemade Facemasks	Journal of natural fibers, IF = 3.5 (Q1/Q2)	2022, 19(15): 10819 – 10883	znanstveni rad	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.2002771
24.	Salopek Čubrić, I.; Čubrić, G.; Katić Križmančić, I.; Kovačević, M.	Evaluation of Changes in Polymer Material Properties Due to Aging in Different Environments	Polymers, IF = 5.0 (Q1/Q1)	2022, 14(9): 1682	znanstveni rad	https://www.mdpi.com/2073-4360/14/9/1682
25.	Vukoja D., Vlanić J., Ljoljić Bilić V., Martinaga L., Rezić, Brlek Gorski I., Kosalec D.	Innovative Insights into In Vitro Activity of Colloidal Platinum Nanoparticles against ESBL-Producing Strains of Escherichia coli and Klebsiella pneumoniae	Pharmaceutics, IF = 5.4 (Q1/Q1)	2022; 14(8): 1714	znanstveni rad	https://pubmed.ncbi.nlm.nih.gov/36015339/
26.	Zonjić, I.; Kurutos, A.; Mihovilović, P.; Crnolatac, I.; Tumir, L.-M.; Tomašić Paić, A.; Kralj, J.; Horvat, L. Brozovic, A.; Stojković, R.; Radić Stojković, M.	Formation of triplex rA/dA – containing nucleic acid helices induced by new thiazole orange analogues and their biological evaluation. H – aggregate formation conditioned by rA sequence	Dyes and pigments, IF = 4.5 (Q1/Q1)	2022; (207): 110715	znanstveni rad	https://www.sciencedirect.com/science/article/abs/pii/S0143720822006374

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1.	Glogar, M.; Pušić, T.; Lovreškov, V.; Kaurin, T.; Sutlović, A.	Application issue of anthraquinonoid vat dyes on inherently flame-resistant fabrics	Coloration technology, IF = 1.8 (Q2/Q3)	2023, 139(2): 190 – 199	znanstveni rad	https://www.croris.hr/crosbi/publikacija/prilog-casopis/319092
2.	Beč, A.; Racané, L.; Tomić, T.; Persoons, L.; Daelemans, D.; Banjanac, M.; Radovanović, V.; Hranjec, M.	Novel hydroxy- and amidino-substituted benzimidazoles and benzothiazoles as antibacterial and antiproliferative agents	Future Medicinal Chemistry, IF = 4.2 (Q2/Q2)	2023, 15(14): 1251-1272	znanstveni rad	https://pubmed.ncbi.nlm.nih.gov/37551679/
3.	Kaurin, T.; Čurlin, M.; Šaravanja, A.; Vojnović, B.; Pušić, T.	Design of Chitosan-Polyester Composites to Reduce Particulate Contamination of Washing Wastewater	Water, IF = 3.4 (Q2/Q2)	2023, 15(13): 2418	znanstveni rad	https://www.mdpi.com/2073-4441/15/13/2418
4.	Krulić Himmelreich, K.; Pečarić, J.; Pokaz, D.; Praljak, M.	Generalizations of Hardy – Type Inequalities by Montgomery Identity and New Green Functions	Axioms, IF = 2.0 (Q2/Q3)	2023, 12(5): 434, 13.	znanstveni rad	https://www.mdpi.com/2075-1680/12/5/434
5.	Racané, L.; Zlatić, K.; Cindrić, M.; Mehić, E.; Karminski-Zamola, G.; Taylor, C.M.; Kelly, J.; Raić Malić, S.; Radić Stojković, M.; Kralj, M.; Hranjec, M.	Synthesis and Biological Activity of 2-Benzo[b]thienyl and 2-Bithienyl Amidino-Substituted Benzothiazole and Benzimidazole Derivatives	ChemMedChem, IF = 3.4 (Q2/Q2)	2023 18(18):e202300261; 1 – 13	znanstveni rad	https://chemistry-europe.onlinelibrary.wiley.com/doi/full/10.1002/cmdc.202300261

6.	Rezić I., Meštrović E.	Characterization of Nanoparticles in Antimicrobial Coatings for Medical Applications – A Review	Coatings, IF = 3.4 (Q2/Q2)	2023, 13(11): 1830.	znanstveni rad	https://www.mdpi.com/2079-6412/13/11/1830
7.	Salopek Čubrić, I.; Čubrić, G.; Majumdar, A.	Sensory Attributes of Knitted Fabrics Intended for Next – to – skin Clothing	Journal of the Textile Institute, IF = 1.7 (Q2/Q2)	2023, 114(5):757 – 762	znanstveni rad	https://www.tandfonline.com/doi/full/10.1080/00405000.2022.2075654
8.	Vujasinović, E.; Tarbuk, A.; Pušić, T.; Dekanić, T.	Bio-Innovative Pretreatment of Coarse Wool Fibers	Processes, IF = 3.5 (Q2/Q2)	2023, 11(1): 103, 14.	znanstveni rad	https://www.mdpi.com/2227-9717/11/1/103
9.	Rogale D., Firšt Rogale S., Knezić Ž. Jukl N., Majstorović G.	Measurement Methods of the Thermal Resistance of Materials Used in Clothing	Materials, IF = 3.4 (Q3/Q2)	2023, 16(10): 1 – 20	znanstveni rad	https://www.mdpi.com/1996-1944/16/10/3842
10.	Smoljak Kalamir, K.	Some sharpened and refined versions of the q-Steffensen inequality	Quaestiones Mathematicae, IF = 0.7 (Q3/Q2)	2023, 46(6): 1221 – 1235	znanstveni rad	https://www.ajol.info/index.php/qm/article/view/254703
11.	Volmajer Valh, J.; Pušić, T.; Čurlin, M.; Knežević, A.	Extending the Protection Ability and Life Cycle of Medical Masks through the Washing Process	Materials, IF = 3.4 (Q3/Q2)	2023, 16 (3), 1247: 1 – 18	znanstveni rad	https://www.mdpi.com/1996-1944/16/3/1247
12.	Tomljenović, A.; Živičnjak, J.; Mihaljević, I.	Usage Durability and Comfort Properties of Socks Made from Differently Spun Modal and Micro Modal Yarns	Materials, IF = 3.4 (Q3/Q2)	2023, 16(4): 1684, 2-27	znanstveni rad	https://www.mdpi.com/1996-1944/16/4/1684

13.	Ercegović Ražić, S.; Kopjar, N.; Kašuba, V.; Skenderi, Z.; Akalović, J.; Hrenović, J.	Evaluation of DNA-Damaging Effects Induced by Different Tanning Agents Used in the Processing of Natural Leather – Pilot Study on HepG2 Cell Line	Molecules, IF = 4.6 (Q2/Q2)	2022, 27 (20): 1 – 12	znanstveni rad	https://www.mdpi.com/1420-3049/27/20/7030
14.	Kovačević, S.; Schwarz, I.; Brnada, S.	Study of predicting the number of warp thread breaks during the weaving process	Textile research journal, IF = 2.3 (Q2/Q2)	2022, 92 (23-24): 4954-4968	znanstveni rad	https://journals.sagepub.com/doi/10.1177/00405175221112399
15.	Jerković, I.; Grancarić, A.; Končar, V.	The electrical properties of poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) films and its effect onto sensor yarn coating	Journal of the Textile Institute, IF = 1.7 (Q2/Q2)	2022, 51 (5_suppl): 8549S-8564S	znanstveni rad	https://journals.sagepub.com/doi/10.1177/1528083720924843
16.	Rezić I., Somogyi Škoc M., Majdak M., Jurić S., Sopko Stracenski, K. Vlahoviček-Kahlina K., Vinceković M.	ICP-MS Determination of Antimicrobial Metals in Microcapsules	Molecules, IF = 4.6 (Q2/Q2)	2022; 27(10): 3219	znanstveni rad	https://pubmed.ncbi.nlm.nih.gov/35630696/
17.	Rezić, I.; Kracher, D.; Oros, D.; Mujadžić, S.; Anđelini, M.; Kurtanjek, Ž.; Ludwig, R.; Rezić, T.	Application of Causality Modelling for Prediction of Molecular Properties for Textile Dyes Degradation by LPMO	Molecules, IF = 4.6 (Q2/Q2)	2022, 27(19): 6390	znanstveni rad	https://www.mdpi.com/1420-3049/27/19/6390