

M21a:

IF>10

1. Peruško, M.; Apostolović, D.; Kiewiet, M. B. G.; Grundström, J.; Hamsten, C.; Starkhammar, M.; Ćirković -Veličković, T.; Hage, M. van. Bovine γ -Globulin, Lactoferrin, and Lactoperoxidase Are Relevant Bovine Milk Allergens in Patients with α -Gal Syndrome. *Allergy* 2021, 76 (12), 3766–3775 (*Allergy* 2/28, IF2020=13.146). <https://doi.org/10.1111/all.14889>.
2. Stojavljević, A.; Rovčanin, B. Impact of Essential and Toxic Trace Metals on Thyroid Health and Cancer: A Review. *Exposure and Health* 2021, 13, 613–627 (*Water Resources* 1/98, IF2020=11.422). <https://doi.org/10.1007/s12403-021-00406-8>

IF 5-10

3. Radulović, O.; Stanković, S.; Stanojević, O.; Vujčić, Z.; Dojnov, B.; Trifunović -Momčilov, M.; Marković, M. Antioxidative Responses of Duckweed (*Lemna Minor* L.) to Phenol and Rhizosphere-Associated Bacterial Strain Hafnia Paralvei C32-106/3. *Antioxidants* 2021, 10 (11), 1719 (*Chemistry, Medicinal* 6/63, IF2020=6.313). <https://doi.org/10.3390/antiox10111719>.
4. Šunderić, M.; Vasović, T.; Milčić, M. K.; Miljević, Č.; Nedić, O.; Nikolić, M.; Gligorijević, N. An tipsychotic Clozapine Binding to Alpha-2-Macroglobulin Protects Interacting Partners against Oxidation and Preserves the Anti-Proteinase Activity of the Protein. *International Journal of Biological Macromolecules* 2021, 183, 502–512 (*Polymer Science* 6/91, IF2020=6.953). <https://doi.org/10.1016/j.ijbiomac.2021.04.155>.
5. Dramićanin, A.; Andrić, F.; Mutić, J.; Stanković, V.; Momirović, N.; Milojković -Opsenica, D. Content and Distribution of Major and Trace Elements as a Tool to Assess the Genotypes, Harvesting Time, and Cultivation Systems of Potato. *Food Chemistry* 2021, 354, 129507 (*Food Science & Technology* 7/144, IF2020=7.514). <https://doi.org/10.1016/j.foodchem.2021.129507>.
6. Pergal, M. V.; Brkljačić, J.; Tovilović -Kovačević, G.; Špírková, M.; Kodranov, I. D.; Manojlović, D. D.; Ostojić, S.; Knežević, N. Ž. Effect of Mesoporous Silica Nanoparticles on the Properties of Polyurethane Network Composites. *Progress in Organic Coatings* 2021, 151, 106049 (*Materials Science, Coatings & Films* 2/21, IF2020=5.161). <https://doi.org/10.1016/j.porgcoat.2020.106049>.
7. Herceg Romanić, S.; Jovanović, G.; Mustać, B.; Stojanović -Đinović, J.; Stojić, A.; Čadež, T.; Popović, A. R. Fatty Acids, Persistent Organic Pollutants, and Trace Elements in Small Pelagic Fish from the Eastern Mediterranean Sea. *Marine Pollution Bulletin* 2021, 170, 112654 (*Marine & Freshwater Biology* 3/111, IF2020=5.553). <https://doi.org/10.1016/j.marpolbul.2021.112654>.
8. Popović, N.; Pržulj, D.; Mladenović, M.; Prodanović, O.; Ece, S.; Ilić Đurđić, K.; Ostafe, R.; Fischer, R.; Prodanović, R. Immobilization of Yeast Cell Walls with Surface Displayed Laccase from *Streptomyces Cyanus* within Dopamine-Alginate Beads for Dye Decolorization. *International Journal of Biological Macromolecules* 2021, 181, 1072–1080 (*Polymer Science* 6/91, IF2020=6.953). <https://doi.org/10.1016/j.ijbiomac.2021.04.115>.
9. Smailagić, A.; Stanković, D.; Vranješ -Đurić, S.; Veljović, S.; Dabić -Zagorac, D.; Manojlović, D. D.; Natić, M. Influence of Extraction Time, Solvent and Wood Specie on Experimentally Aged Spirits – A Simple Tool to Differentiate Wood Species Used in Cooperage. *Food Chemistry* 2021, 346 (Chemistry, Applied 7/74, IF2020=7.514). <https://doi.org/10.1016/j.foodchem.2020.128896>.
10. Ivanovska, A.; Ladarević, J.; Pavun, L.; Dojčinović, B.; Cvijetić, I.; Mij in, D.; Kostić, M. Obtaining Jute Fabrics with Enhanced Sorption Properties and “Closing the Loop” of Their Lifecycle. *Industrial Crops and Products* 2021, 171, 113913, (*Agronomy* 5/91, IF2020=5.645). <https://doi.org/10.1016/j.indcrop.2021.113913>.
11. Kostić, A. Ž.; Milinčić, D. D.; Nedić, N.; Gašić, U. M.; Špirović Trifunović, B.; Vojt, D.; Tešić, Ž. Lj.; Pešić, M. B. Phyto chemical Profile and Antioxidant Properties of Bee-Collected Artichoke (*Cynara Scolymus*) Pollen. *Antioxidants* 2021, 10 (7), 1091 (*Food Science & Technology* 11/144, IF2020=6.313). <https://doi.org/10.3390/antiox10071091>.
12. Kostić, A. Ž.; Milinčić, D. D.; Stanisavljević, N. S.; Gašić, U. M.; Lević, S. M.; Kojić, M. O.; Tešić, Ž. Lj.; Nedović, V. A.; Barać, M. B.; Pešić, M. B. Polyphenol Bioaccessibility and Antioxidant Properties of in Vitro Digested Spray-Dried Thermally-Treated Skimmed Goat Milk Enriched with Pollen. *Food Chemistry* 2021, 351, 129310 (*Food Science & Technology* 7/144, IF2020=7.514). <https://doi.org/10.1016/j.foodchem.2021.129310>.
13. Smailagić, A.; Dabić -Zagorac, D.; Veljović, S.; Sredojević, M.; Relić, D.; Fotirić -Akšić, M. M.; Roglić, G.; Natić, M. Release of Wood Extractable Elements in Experimental Spirit Model: Health Risk Assessment of the Wood Species

Generated in Balkan Cooperage. Food Chemistry 2021, 338, 127804 (Chemistry, Applied 7/74, IF2020=7.514). <https://doi.org/10.1016/j.foodchem.2020.127804>.

14. Avdalović, J.; Miletić, S.; Božović, O.; Šolević Knudsen, T.; Stanković, D.; Lugonja, N.; Spasić, S.; Joksimović, K.; Dragičević, I.; Vrvic, M. M. Study on the Assessment of Humification Processes during Biodegradation of Heavy Residual Fuel Oil. Science of the Total Environment 2021, 797, 149099 (Environmental Sciences 25/274, IF2020=7.963). <https://doi.org/10.1016/j.scitotenv.2021.149099>.

15. Ognjanović, M.; Stanković, D.; Jaćimović, Ž. K.; Kosović -Perutović, M.; Dojčinović, B. P.; Antić, B. The Effect of Surface-Modifier of Magnetite Nanoparticles on Electrochemical Detection of Dopamine and Heating Efficiency in Magnetic Hyperthermia. Journal of Alloys and Compounds 2021, 884, 161075 (Metallurgy & Metallurgical Engineering 6/80, IF2020=5.136). <https://doi.org/10.1016/j.jallcom.2021.161075>.

16. Dumanović, J.; Nepovimova, E.; Natić, M.; Kuča, K.; Jaćević, V. The Significance of Reactive Oxygen Species and Antioxidant Defense System in Plants: A Concise Overview. Frontiers in Plant Science 2021, 11, 552969 (Plant Sciences 17/235, IF2020=5.754). <https://doi.org/10.3389/fpls.2020.552969>.

17. Ristivojević, P.; Jovanović, V.; Opsenica, D. M.; Park, J.; Rollinger, J. M.; Velicković, T. Č. Rapid Analytical Approach for Bioprofiling Compounds with Radical Scavenging and Antimicrobial Activities from Seaweeds. Food Chemistry 2021, 334, 127562 (Chemistry, Applied 7/74, IF2020=7.514). <https://doi.org/10.1016/j.foodchem.2020.127562>.

IF 4-5

18. Đukić, N.; Andrić, G.; Glinwood, R.; Ninkovic, V.; Andjelković, B.; Radonjić, A. The Effect of 1-Pentadecene on Tribolium Castaneum Behaviour: Repellent or Attractant? Pest Management Science 2021, 77 (9), 4034–4039 (Agronomy 9/91, IF2020=4.845). <https://doi.org/10.1002/ps.6428>.

19. Milenković, I.; Radotić, K.; Despotović, J.; Lončarević, B.; Lješević, M.; Spasić, S. Z.; Nikolić, A.; Beškoski, V. Toxicity Investigation of CeO₂ Nanoparticles Coated with Glucose and Exopolysaccharides Levan and Pullulan on the Bacterium Vibrio Fischeri and Aquatic Organisms Daphnia Magna and Danio Rerio. Aquatic Toxicology 2021, 236, 105867 (Marine & Freshwater Biology 5/111, IF2020=4.964). <https://doi.org/10.1016/j.aquatox.2021.105867>.

20. Stanković, D.; Kukuruzar, A.; Savić, S.; Ognjanović, M.; Janković -Častvan, I. M.; Roglić, G.; Antić, B.; Manojlović, D.; Dojčinović, B. Sponge-like Europium Oxide from Hollow Carbon Sphere as a Template for an Anode Material for Reactive Blue 52 Electrochemical Degradation. Materials Chemistry and Physics 2021, 273, 125154. (Materials science, IF2020=4.094) <https://doi.org/10.1016/j.matchemphys.2021.125154>.

IF <4

21. Ilijević, K.; Vujanović, D.; Orčić, S.; Purać, J.; Kojić, D.; Zarić, N.; Gržetić, I.; Blagojević, D. P.; Čelić, T. V. Anthropogenic Influence on Seasonal and Spatial Variation in Bioelements and Non-Essential Elements in Honeybees and Their Hemolymph. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology 2021, 239, 108852 (Zoology 9/175, IF2020=3.228). <https://doi.org/10.1016/j.cbpc.2020.108852>.

22. Krstić Ristivojević, M.; Apostolović, D.; Smiljanić, K. Enterocytes in Food Hypersensitivity Reactions. Animals 2021, 11 (9), 2713 (Veterinary Sciences 14/141, IF2019=2.323). <https://doi.org/10.3390/ani11092713>.

23. Milanović, Z.; Janković, D.; Vranješ -Đurić, S.; Radović, M.; Prijović, Ž.; Zavišić, G.; Perić, M.; Stanković, D.; Mirković, M. 177Lu -Doxycycline as Potential Radiopharmaceutical: Electrochemical Characterization, Radiolabeling, and Biodistribution in Tumor-Bearing Mice. International Journal of Radiation Biology 2021, 97 (12), 1687–1695 (Nuclear Science & Technology 3/34, IF2019=2.368). <https://doi.org/10.1080/09553002.2021.1976864>.