

Sandra RadiÄ Brkanac

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Ecotoxicological effects of aluminum and zinc on growth and antioxidants in <i>Lemna minor</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 336-342.	6.0	150
2	The evaluation of surface and wastewater genotoxicity using the <i>Allium cepa</i> test. <i>Science of the Total Environment</i> , 2010, 408, 1228-1233.	8.0	97
3	Ecotoxicological assessment of industrial effluent using duckweed (<i>Lemna minor</i> L.) as a test organism. <i>Ecotoxicology</i> , 2010, 19, 216-222.	2.4	72
4	Early Brassica Crops Responses to Salinity Stress: A Comparative Analysis Between Chinese Cabbage, White Cabbage, and Kale. <i>Frontiers in Plant Science</i> , 2019, 10, 450.	3.6	54
5	Correlations between Phytohormones and Drought Tolerance in Selected Brassica Crops: Chinese Cabbage, White Cabbage and Kale. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2866.	4.1	53
6	Influence of NaCl and mannitol on peroxidase activity and lipid peroxidation in <i>Centaurea ragusina</i> L. roots and shoots. <i>Journal of Plant Physiology</i> , 2006, 163, 1284-1292.	3.5	44
7	Short-term salt stress in <i>Brassica rapa</i> seedlings causes alterations in auxin metabolism. <i>Plant Physiology and Biochemistry</i> , 2018, 125, 74-84.	5.8	42
8	Oxidative stress and DNA damage in broad bean (<i>Vicia faba</i> L.) seedlings induced by thallium. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 189-196.	4.3	40
9	The effect of hazardous pollutants from coal combustion activity: Phytotoxicity assessment of aqueous soil extracts. <i>Chemosphere</i> , 2018, 199, 191-200.	8.2	37
10	Toxicity and antioxidant capacity of <i>Frangula alnus</i> Mill. bark and its active component emodin. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 923-929.	2.7	27
11	The efficiency of combined CaO/electrochemical treatment in removal of acid mine drainage induced toxicity and genotoxicity. <i>Science of the Total Environment</i> , 2014, 466-467, 84-89.	8.0	26
12	Assessment of surface water in the vicinity of fertilizer factory using fish and plants. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 32-40.	6.0	24
13	Gold and silver nanoparticles effects to the earthworm <i>Eisenia fetida</i> – the importance of tissue over soil concentrations. <i>Drug and Chemical Toxicology</i> , 2021, 44, 12-29.	2.3	24
14	Biological Activity of Flavonoids and Rare Sesquiterpene Lactones Isolated From <i>Centaurea ragusina</i> L.. <i>Frontiers in Pharmacology</i> , 2018, 9, 972.	3.5	17
15	Toxicity of nanosilver and fumonisin B1 and their interactions on duckweed (<i>Lemna minor</i> L.). <i>Chemosphere</i> , 2019, 229, 86-93.	8.2	16
16	Cytogenetic stability of <i>Centaurea ragusina</i> long-term culture. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 82, 343-348.	2.3	15
17	Toxicological and chemical assessment of arsenic-contaminated groundwater after electrochemical and advanced oxidation treatments. <i>Science of the Total Environment</i> , 2016, 543, 147-154.	8.0	13
18	Biomarker response of Mediterranean mussels <i>Mytilus galloprovincialis</i> regarding environmental conditions, pollution impact and seasonal effects. <i>Science of the Total Environment</i> , 2019, 694, 133470.	8.0	13

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19	Combining short-term bioassays using fish and crustacean model organisms with ToxCast in vitro data and broad-spectrum chemical analysis for environmental risk assessment of the river water (Sava, Croatia). <i>Environmental Pollution</i> , 2022, 292, 118440.	7.5	11
20	Phytochemical and Bioactive Potential of in vivo and in vitro Grown Plants of <i>Centaurea ragusina</i> L. - Detection of DNA/RNA Active Compounds in Plant Extracts via Thermal Denaturation and Circular Dichroism. <i>Phytochemical Analysis</i> , 2017, 28, 584-592.	2.4	8
21	Morphological features and isoenzyme characterization of endosymbiotic algae from green hydra. <i>Plant Systematics and Evolution</i> , 2010, 284, 33-39.	0.9	4
22	Synthesis, DNA/RNA-interaction and biological activity of benzo[k,l]xanthene lignans. <i>Bioorganic Chemistry</i> , 2020, 104, 104190.	4.1	4
23	Endosymbiotic green algae in European Hydra strains show quantitative difference on morphological and isoenzyme level. <i>Symbiosis</i> , 2019, 77, 161-175.	2.3	2
24	Physiological and Biochemical Response of Wild Olive (<i>Olea europaea</i> Subsp. <i>europaea</i> var. <i>sylvestris</i>) to Salinity. <i>Frontiers in Plant Science</i> , 2021, 12, 712005.	3.6	2