

Samaneh Torbati

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

307
citations

1040056

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888059

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times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation potential of duckweed (<i>Lemna minor</i> L.) in degradation of C.I. Acid Blue 92: Artificial neural network modeling. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 291-298.	6.0	126
2	Application of watercress (<i>Nasturtium officinale</i> R. Br.) for biotreatment of a textile dye: Investigation of some physiological responses and effects of operational parameters. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1934-1941.	5.6	38
3	Artificial neural network modeling of biotreatment of malachite green by <i>Spirodela polyrhiza</i> : Study of plant physiological responses and the dye biodegradation pathway. <i>Chemical Engineering Research and Design</i> , 2016, 99, 11-19.	5.6	28
4	Bioremoval of C.I. Basic Red 46 as an azo dye from contaminated water by <i>Lemna minor</i> L.: Modeling of key factor by neural network. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1082-1089.	2.3	27
5	Feasibility and assessment of the phytoremediation potential of duckweed for triarylmethane dye degradation with the emphasis on some physiological responses and effect of operational parameters. <i>Turkish Journal of Biology</i> , 2015, 39, 438-446.	0.8	14
6	Solid-phase microextraction of volatile organic compounds released from leaves and flowers of <i>Artemisia fragrans</i> , followed by GC and GC/MS analysis. <i>Natural Product Research</i> , 2010, 24, 1235-1242.	1.8	12
7	Bioconcentration of heavy metals by three plant species growing in Golmarz wetland, in northwestern Iran: The plants antioxidant responses to metal pollutions. <i>Environmental Technology and Innovation</i> , 2021, 24, 101804.	6.1	12
8	Biodegradation of C.I. Acid Blue 92 by <i>Nasturtium officinale</i> : Study of Some Physiological Responses and Metabolic Fate of Dye. <i>International Journal of Phytoremediation</i> , 2015, 17, 322-329.	3.1	9
9	Toxicological risks of Acid Bordeaux B on duckweed and the plant potential for effective remediation of dye-polluted waters. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27699-27711.	5.3	9
10	Preparation and investigation of poly(methylmethacrylate) nano-capsules containing haloxyfop-R-methyl and their release behavior. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 301-309.	1.5	8
11	Comparative phytotoxicity of undoped and Er-doped ZnO nanoparticles on <i>Lemna minor</i> L.: changes in plant physiological responses. <i>Turkish Journal of Biology</i> , 2017, 41, 575-586.	0.8	6
12	Essential Oil Composition, Total Phenol and Flavonoid Contents and Antioxidant Activity of <i>Salvia sahendica</i> at Different Developmental Stages. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 1030-1040.	1.9	6
13	Phytotoxicological Effects of Bulk-NiO and NiO Nanoparticles on Lesser and Giant Duckweeds as Model Macrophytes: Changes in the Plants Physiological Responses. <i>Iranian Journal of Toxicology</i> , 2018, 12, 31-39.	0.3	4
14	Application of <i>Lemna gibba</i> L. and a bio-based aerogel for the removal of metal(loid)s from stream waters near three gold deposits in northwestern Iran. <i>Environmental Technology and Innovation</i> , 2020, 20, 101068.	6.1	3
15	Toxicological Effects of a Post Emergent Herbicide on <i>Spirodela polyrhiza</i> as a Model Macrophyte: A Comparison of the Effects of Pure and Nano-capsulated Form of the Herbicide. <i>Iranian Journal of Toxicology</i> , 2018, 12, 45-54.	0.3	3
16	Nanocapsulation of herbicide Haloxyfop-R-methyl in poly(methyl methacrylate): phytotoxicological effects of pure herbicide and its nanocapsulated form on duckweed as a model macrophyte. <i>Turkish Journal of Chemistry</i> , 2018, 42, 132-145.	1.2	1
17	Heavy Metal Contaminations at Two Iranian Copper Mining Areas and the Remediation by Indigenous Plants. <i>Iranian Journal of Toxicology</i> , 2020, 14, 81-92.	0.3	1