

Mohammed Abu-Dieyeh

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

938
citations

567144
15
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501076
28
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48
all docs

48
docs citations

48
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	The assessment of cadmium, chromium, copper, and nickel tolerance and bioaccumulation by shrub plant <i>Tetraena qataranse</i> . <i>Scientific Reports</i> , 2019, 9, 5658.	1.6	171
2	Adsorptive removal of mercury from water by adsorbents derived from date pits. <i>Scientific Reports</i> , 2019, 9, 15327.	1.6	88
3	Disinfection by-products of chlorine dioxide (chlorite, chlorate, and trihalomethanes): Occurrence in drinking water in Qatar. <i>Chemosphere</i> , 2016, 164, 649-656.	4.2	78
4	Lead (Pb) bioaccumulation and antioxidative responses in <i>Tetraena qataranse</i> . <i>Scientific Reports</i> , 2020, 10, 17070.	1.6	55
5	The antinociceptive and anti-inflammatory effects of <i>Salvia officinalis</i> leaf aqueous and butanol extracts. <i>Pharmaceutical Biology</i> , 2010, 48, 1149-1156.	1.3	45
6	Seasonal variation of fungal spore populations in the atmosphere of Zarqa area, Jordan. <i>Aerobiologia</i> , 2010, 26, 263-276.	0.7	39
7	Novel bioadsorbents based on date pits for organophosphorus pesticide remediation from water. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103593.	3.3	35
8	Comparative Assessment of Toxic Metals Bioaccumulation and the Mechanisms of Chromium (Cr) Tolerance and Uptake in <i>Calotropis procera</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 883.	1.7	32
9	Vertical distribution and radiological risk assessment of ¹³⁷ Cs and natural radionuclides in soil samples. <i>Scientific Reports</i> , 2019, 9, 12196.	1.6	30
10	Removal of Toxic Elements and Microbial Contaminants from Groundwater Using Low-Cost Treatment Options. <i>Current Pollution Reports</i> , 2021, 7, 300-324.	3.1	23
11	Brine management strategies, technologies, and recovery using adsorption processes. <i>Environmental Technology and Innovation</i> , 2021, 22, 101541.	3.0	22
12	Phytoremediation: Halophytes as Promising Heavy Metal Hyperaccumulators. , 0, , .		20
13	Grass overseeding and a fungus combine to control <i>Taraxacum officinale</i> . <i>Journal of Applied Ecology</i> , 2006, 44, 115-124.	1.9	19
14	Detoxification of mercury pollutant leached from spent fluorescent lamps using bacterial strains. <i>Waste Management</i> , 2016, 49, 238-244.	3.7	18
15	Impact of mowing and weed control on broadleaf weed population dynamics in turf. <i>Journal of Plant Interactions</i> , 2005, 1, 239-252.	1.0	17
16	Novel <i>Prosopis juliflora</i> leaf ethanolic extract coating for extending postharvest shelf-life of strawberries. <i>Food Control</i> , 2022, 133, 108641.	2.8	17
17	Effect of turfgrass mowing height on biocontrol of dandelion with <i>Sclerotinia minor</i> . <i>Biocontrol Science and Technology</i> , 2006, 16, 509-524.	0.5	16
18	Novel <i>Prosopis juliflora</i> leaf ethanolic extract as natural antimicrobial agent against food spoiling microorganisms. <i>Scientific Reports</i> , 2021, 11, 7871.	1.6	15

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19	Potential of mercury-tolerant bacteria for bio-uptake of mercury leached from discarded fluorescent lamps. <i>Journal of Environmental Management</i> , 2019, 237, 217-227.	3.8	14
20	Salt tolerance of selected halophytes at the two initial growth stages for future management options. <i>Scientific Reports</i> , 2021, 11, 10194.	1.6	14
21	Removal of toxic pollutants from produced water by phytoremediation: Applications and mechanistic study. <i>Journal of Water Process Engineering</i> , 2019, 32, 100990.	2.6	13
22	Population Dynamics of Broadleaf Weeds in Turfgrass as Influenced by Chemical and Biological Control Methods. <i>Weed Science</i> , 2007, 55, 371-380.	0.8	12
23	Potential application of microalgae in produced water treatment. , 0, 135, 47-58.		12
24	Thermodynamics, isotherms, and mechanisms studies of lithium recovery from seawater desalination reverse osmosis brine using roasted and ferrocyanide modified date pits. <i>Environmental Technology and Innovation</i> , 2022, 25, 102148.	3.0	11
25	Determination of aflatoxins in coffee by means of ultra-high performance liquid chromatography-fluorescence detector and fungi isolation. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6999-7014.	1.8	10
26	Biodiversity of arbuscular mycorrhizal fungi in plant roots and rhizosphere soil from different arid land environment of Qatar. <i>Plant Direct</i> , 2022, 6, e369.	0.8	10
27	<i>Sclerotinia minor</i> advances fruiting and reduces germination in dandelion (<i>Taraxacum officinale</i>). <i>Biocontrol Science and Technology</i> , 2005, 15, 815-825.	0.5	9
28	Novel composite materials of modified roasted date pits using ferrocyanides for the recovery of lithium ions from seawater reverse osmosis brine. <i>Scientific Reports</i> , 2021, 11, 18896.	1.6	9
29	New material of polyacrylic acid-modified graphene oxide composite for phenol remediation from synthetic and real wastewater. <i>Environmental Technology and Innovation</i> , 2022, 27, 102795.	3.0	9
30	Evaluating the invasive plant, <i>Prosopis juliflora</i> in the two initial growth stages as a potential candidate for heavy metal phytostabilization in metalliferous soil. <i>Environmental Pollutants and Bioavailability</i> , 2019, 31, 145-155.	1.3	8
31	Increasing the Efficacy and Extending the Effective Application Period of a Granular Turf Bioherbicide by Covering with Jute Fabric. <i>Weed Technology</i> , 2009, 23, 524-530.	0.4	7
32	Environmental impact of utilization of "produced water" from oil and gas operations in turfgrass systems. <i>Scientific Reports</i> , 2020, 10, 15051.	1.6	7
33	Occurrence and removal characteristics of phthalate esters from bottled drinking water using silver modified roasted date pits. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 733-751.	1.4	7
34	Physiological characterization of the dandelion bioherbicide, <i>Sclerotinia minor</i> IMI 344141. <i>Biocontrol Science and Technology</i> , 2010, 20, 57-76.	0.5	6
35	Environmental Impacts of Using Municipal Biosolids on Soil, Plant and Groundwater Qualities. <i>Sustainability</i> , 2021, 13, 8368.	1.6	6
36	Seasonal variation of airborne pollen grains in the atmosphere of Zarqa area, Jordan. <i>Aerobiologia</i> , 2012, 28, 527-539.	0.7	5

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37	Ecological and agriculture impacts of bakery yeast wastewater use on weed communities and crops in an arid environment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14957-14969.	2.7	5
38	Diversity, Concentration and Dynamics of Culturable Fungal Bioaerosols at Doha, Qatar. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 182.	1.2	4
39	Concentrations and dynamics of fungal spore populations in the air of Zarqa, Jordan, using the volumetric method. <i>Grana</i> , 2014, 53, 117-132.	0.4	3
40	Mercury Toxicity. , 2018, , 248-267.		3
41	Development of a zoning management plan for petra archaeological park (PAP), Jordan. <i>Natural Science</i> , 2011, 03, 1040-1049.	0.2	3
42	Evaluation of novel <i>Prosopis juliflora</i> water soluble leaf ethanolic extract as preservation coating material of cucumber. <i>Journal of Food Processing and Preservation</i> , 0, , e16352.	0.9	3
43	Human Activities and Ecosystem Health. , 2008, , 341-359.		2
44	Investigating the Quality and Efficiency of Biosolid Produced in Qatar as a Fertilizer in Tomato Production. <i>Agronomy</i> , 2021, 11, 2552.	1.3	2
45	Genetic diversity of <i>Prosopis juliflora</i> in the state of Qatar and its valuable use against postharvest pathogen of mango fruits. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
46	Ecosystem services and mangroves in Qatar: preservation issues. <i>Qscience Proceedings</i> , 2015, 2015, 37.	0.0	1
47	Phytoremediation of heavy metals using Qatari flora. <i>Qscience Proceedings</i> , 2016, 2016, 37.	0.0	1
48	IMPACT OF LONG-TERM PRACTICAL TRAINING ON SCIENCE TEACHERS'™ PERFORMANCE AND THEIR ATTITUDE TOWARD CREATING A BETTER SCIENCE EDUCATION ENVIRONMENT. <i>EDULEARN Proceedings</i> , 2017, , .	0.0	0