

Mohammed Abu-Dieyeh

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

506
citations

13
h-index

21
g-index

48
ext. papers

712
ext. citations

4.3
avg, IF

4.59
L-index

#	Paper	IF	Citations
44	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	4.9	80
43	Adsorptive removal of mercury from water by adsorbents derived from date pits. <i>Scientific Reports</i> , 2019 , 9, 15327	4.9	52
42	Disinfection by-products of chlorine dioxide (chlorite, chlorate, and trihalomethanes): Occurrence in drinking water in Qatar. <i>Chemosphere</i> , 2016 , 164, 649-656	8.4	49
41	The antinociceptive and anti-inflammatory effects of <i>Salvia officinalis</i> leaf aqueous and butanol extracts. <i>Pharmaceutical Biology</i> , 2010 , 48, 1149-56	3.8	33
40	Seasonal variation of fungal spore populations in the atmosphere of Zarqa area, Jordan. <i>Aerobiologia</i> , 2010 , 26, 263-276	2.4	31
39	Novel bioadsorbents based on date pits for organophosphorus pesticide remediation from water. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103593	6.8	21
38	Detoxification of mercury pollutant leached from spent fluorescent lamps using bacterial strains. <i>Waste Management</i> , 2016 , 49, 238-244	8.6	15
37	Phytoremediation: Halophytes as Promising Heavy Metal Hyperaccumulators 2018 ,		15
36	Effect of turfgrass mowing height on biocontrol of dandelion with <i>Sclerotinia minor</i> . <i>Biocontrol Science and Technology</i> , 2006 , 16, 509-524	1.7	14
35	Grass overseeding and a fungus combine to control <i>Taraxacum officinale</i> . <i>Journal of Applied Ecology</i> , 2006 , 44, 115-124	5.8	14
34	Impact of mowing and weed control on broadleaf weed population dynamics in turf. <i>Journal of Plant Interactions</i> , 2005 , 1, 239-252	3.8	14
33	Vertical distribution and radiological risk assessment of Cs and natural radionuclides in soil samples. <i>Scientific Reports</i> , 2019 , 9, 12196	4.9	13
32	Lead (Pb) bioaccumulation and antioxidative responses in <i>Tetraena qataranse</i> . <i>Scientific Reports</i> , 2020 , 10, 17070	4.9	13
31	Removal of toxic pollutants from produced water by phytoremediation: Applications and mechanistic study. <i>Journal of Water Process Engineering</i> , 2019 , 32, 100990	6.7	11
30	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	7.9	10
29	Comparative Assessment of Toxic Metals Bioaccumulation and the Mechanisms of Chromium (Cr) Tolerance and Uptake in. <i>Frontiers in Plant Science</i> , 2020 , 11, 883	6.2	10
28	Population Dynamics of Broadleaf Weeds in Turfgrass as Influenced by Chemical and Biological Control Methods. <i>Weed Science</i> , 2007 , 55, 371-380	2	9

27	Sclerotinia minor avances fruiting and reduces germination in dandelion (<i>Taraxacum officinale</i>). <i>Biocontrol Science and Technology</i> , 2005 , 15, 815-825	1.7	8
26	Brine management strategies, technologies, and recovery using adsorption processes. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101541	7	8
25	Removal of Toxic Elements and Microbial Contaminants from Groundwater Using Low-Cost Treatment Options. <i>Current Pollution Reports</i> , 2021 , 7, 300-324	7.6	8
24	Potential application of microalgae in produced water treatment135, 47-58		7
23	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> , 2020 , 1-16	1.8	7
22	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	1.4	6
21	Novel <i>Prosopis juliflora</i> leaf ethanolic extract coating for extending postharvest shelf-life of strawberries. <i>Food Control</i> , 2022 , 133, 108641	6.2	6
20	Seasonal variation of airborne pollen grains in the atmosphere of Zarqa area, Jordan. <i>Aerobiologia</i> , 2012 , 28, 527-539	2.4	5
19	Novel <i>Prosopis juliflora</i> leaf ethanolic extract as natural antimicrobial agent against food spoiling microorganisms. <i>Scientific Reports</i> , 2021 , 11, 7871	4.9	5
18	Salt tolerance of selected halophytes at the two initial growth stages for future management options. <i>Scientific Reports</i> , 2021 , 11, 10194	4.9	5
17	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	2.8	4
16	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	5.1	4
15	Physiological characterization of the dandelion bioherbicide, <i>Sclerotinia minor</i> IMI 344141. <i>Biocontrol Science and Technology</i> , 2010 , 20, 57-76	1.7	4
14	Environmental impact of utilization of "produced water" from oil and gas operations in turfgrass systems. <i>Scientific Reports</i> , 2020 , 10, 15051	4.9	4
13	Mercury Toxicity 2018 , 248-267		3
12	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> , 2021 , 25, 102148	7	3
11	Development of a zoning management plan for petra archaeological park (PAP), Jordan. <i>Natural Science</i> , 2011 , 03, 1040-1049	0.5	3
10	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	4.9	3

9	Concentrations and dynamics of fungal spore populations in the air of Zarqa, Jordan, using the volumetric method. <i>Grana</i> , 2014 , 53, 117-132	0.8	1
8	Ecosystem services and mangroves in Qatar: preservation issues. <i>Qscience Proceedings</i> , 2015 , 2015, 37		1
7	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	3.3	1
6	Human Activities and Ecosystem Health 2008 , 341-359		1
5	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	2.9	1
4	Phytoremediation of heavy metals using Qatari flora. <i>Qscience Proceedings</i> , 2016 , 2016, 37		1
3	Environmental Impacts of Using Municipal Biosolids on Soil, Plant and Groundwater Qualities. <i>Sustainability</i> , 2021 , 13, 8368	3.6	1
2	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> , e16352	2.1	0
1	Investigating the Quality and Efficiency of Biosolid Produced in Qatar as a Fertilizer in Tomato Production. <i>Agronomy</i> , 2021 , 11, 2552	3.6	0