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 h-index	501076 28 g-index
48 all docs	48 docs citations	48 times ranked	941 citing authors

#	Article	IF	Citations
1	Determination of aflatoxins in coffee by means of ultra-high performance liquid chromatography-fluorescence detector and fungi isolation. International Journal of Environmental Analytical Chemistry, 2022, 102, 6999-7014.	1.8	10
2	Novel Prosopis juliflora leaf ethanolic extract coating for extending postharvest shelf-life of strawberries. Food Control, 2022, 133, 108641.	2.8	17
3	Thermodynamics, isotherms, and mechanisms studies of lithium recovery from seawater desalination reverse osmosis brine using roasted and ferrocyanide modified date pits. Environmental Technology and Innovation, 2022, 25, 102148.	3.0	11
4	Biodiversity of arbuscular mycorrhizal fungi in plant roots and rhizosphere soil from different arid land environment of Qatar. Plant Direct, 2022, 6, e369.	0.8	10
5	Genetic diversity of Prosopis juliflora in the state of Qatar and its valuable use against postharvest pathogen of mango fruits. Scientific Reports, 2022, 12, .	1.6	2
6	New material of polyacrylic acid-modified graphene oxide composite for phenol remediation from synthetic and real wastewater. Environmental Technology and Innovation, 2022, 27, 102795.	3.0	9
7	Occurrence and removal characteristics of phthalate esters from bottled drinking water using silver modified roasted date pits. Journal of Environmental Health Science & Engineering, 2021, 19, 733-751.	1.4	7
8	Novel Prosopis juliflora leaf ethanolic extract as natural antimicrobial agent against food spoiling microorganisms. Scientific Reports, 2021, 11, 7871.	1.6	15
9	Brine management strategies, technologies, and recovery using adsorption processes. Environmental Technology and Innovation, 2021, 22, 101541.	3.0	22
10	Salt tolerance of selected halophytes at the two initial growth stages for future management options. Scientific Reports, 2021, 11, 10194.	1.6	14
11	Removal of Toxic Elements and Microbial Contaminants from Groundwater Using Low-Cost Treatment Options. Current Pollution Reports, 2021, 7, 300-324.	3.1	23
12	Environmental Impacts of Using Municipal Biosolids on Soil, Plant and Groundwater Qualities. Sustainability, 2021, 13, 8368.	1.6	6
13	Novel composite materials of modified roasted date pits using ferrocyanides for the recovery of lithium ions from seawater reverse osmosis brine. Scientific Reports, 2021, 11, 18896.	1.6	9
14	Diversity, Concentration and Dynamics of Culturable Fungal Bioaerosols at Doha, Qatar. International Journal of Environmental Research and Public Health, 2021, 18, 182.	1.2	4
15	Investigating the Quality and Efficiency of Biosolid Produced in Qatar as a Fertilizer in Tomato Production. Agronomy, 2021, 11, 2552.	1.3	2
16	Novel bioadsorbents based on date pits for organophosphorus pesticide remediation from water. Journal of Environmental Chemical Engineering, 2020, 8, 103593.	3.3	35
17	Lead (Pb) bioaccumulation and antioxidative responses in Tetraena qataranse. Scientific Reports, 2020, 10, 17070.	1.6	55
18	Environmental impact of utilization of â€œproduced waterâ€•from oil and gas operations in turfgrass systems. Scientific Reports, 2020, 10, 15051.	1.6	7

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19	Comparative Assessment of Toxic Metals Bioaccumulation and the Mechanisms of Chromium (Cr) Tolerance and Uptake in Calotropis procera. Frontiers in Plant Science, 2020, 11, 883.	1.7	32
20	Removal of toxic pollutants from produced water by phytoremediation: Applications and mechanistic study. Journal of Water Process Engineering, 2019, 32, 100990.	2.6	13
21	Vertical distribution and radiological risk assessment of 137Cs and natural radionuclides in soil samples. Scientific Reports, 2019, 9, 12196.	1.6	30
22	Evaluating the invasive plant, Prosopis juliflora in the two initial growth stages as a potential candidate for heavy metal phytostabilization in metalliferous soil. Environmental Pollutants and Bioavailability, 2019, 31, 145-155.	1.3	8
23	The assessment of cadmium, chromium, copper, and nickel tolerance and bioaccumulation by shrub plant Tetraena qataranse. Scientific Reports, 2019, 9, 5658.	1.6	171
24	Potential of mercury-tolerant bacteria for bio-uptake of mercury leached from discarded fluorescent lamps. Journal of Environmental Management, 2019, 237, 217-227.	3.8	14
25	Adsorptive removal of mercury from water by adsorbents derived from date pits. Scientific Reports, 2019, 9, 15327.	1.6	88
26	Mercury Toxicity. , 2018, , 248-267.		3
27	Ecological and agriculture impacts of bakery yeast wastewater use on weed communities and crops in an arid environment. Environmental Science and Pollution Research, 2017, 24, 14957-14969.	2.7	5
28	IMPACT OF LONG-TERM PRACTICAL TRAINING ON SCIENCE TEACHERSâ€™ PERFORMANCE AND THEIR ATTITUDE TOWARD CREATING A BETTER SCIENCE EDUCATION ENVIRONMENT. EDULEARN Proceedings, 2017, , .	0.0	0
29	Phytoremediation of heavy metals using Qatari flora. Qscience Proceedings, 2016, 2016, 37.	0.0	1
30	Disinfection by-products of chlorine dioxide (chlorite, chlorate, and trihalomethanes): Occurrence in drinking water in Qatar. Chemosphere, 2016, 164, 649-656.	4.2	78
31	Detoxification of mercury pollutant leached from spent fluorescent lamps using bacterial strains. Waste Management, 2016, 49, 238-244.	3.7	18
32	Ecosystem services and mangroves in Qatar: preservation issues. Qscience Proceedings, 2015, 2015, 37.	0.0	1
33	Concentrations and dynamics of fungal spore populations in the air of Zarqa, Jordan, using the volumetric method. Grana, 2014, 53, 117-132.	0.4	3
34	Seasonal variation of airborne pollen grains in the atmosphere of Zarqa area, Jordan. Aerobiologia, 2012, 28, 527-539.	0.7	5
35	Development of a zoning management plan for petra archaeological park (PAP), Jordan. Natural Science, 2011, 03, 1040-1049.	0.2	3
36	Seasonal variation of fungal spore populations in the atmosphere of Zarqa area, Jordan. Aerobiologia, 2010, 26, 263-276.	0.7	39

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37	The antinociceptive and anti-inflammatory effects ofSalvia officinalisleaf aqueous and butanol extracts. Pharmaceutical Biology, 2010, 48, 1149-1156.	1.3	45
38	Physiological characterization of the dandelion bioherbicide,Sclerotinia minorIMI 344141. Biocontrol Science and Technology, 2010, 20, 57-76.	0.5	6
39	Increasing the Efficacy and Extending the Effective Application Period of a Granular Turf Bioherbicide by Covering with Jute Fabric. Weed Technology, 2009, 23, 524-530.	0.4	7
40	Human Activities and Ecosystem Health. , 2008, , 341-359.		2
41	Population Dynamics of Broadleaf Weeds in Turfgrass as Influenced by Chemical and Biological Control Methods. Weed Science, 2007, 55, 371-380.	0.8	12
42	Effect of turfgrass mowing height on biocontrol of dandelion withSclerotinia minor. Biocontrol Science and Technology, 2006, 16, 509-524.	0.5	16
43	Grass overseeding and a fungus combine to control Taraxacum officinale. Journal of Applied Ecology, 2006, 44, 115-124.	1.9	19
44	Sclerotinia minoravances fruiting and reduces germination in dandelion (Taraxacum officinale). Biocontrol Science and Technology, 2005, 15, 815-825.	0.5	9
45	Impact of mowing and weed control on broadleaf weed population dynamics in turf. Journal of Plant Interactions, 2005, 1, 239-252.	1.0	17
46	Phytoremediation: Halophytes as Promising Heavy Metal Hyperaccumulators. , 0, , .		20
47	Potential application of microalgae in produced water treatment. , 0, 135, 47-58.		12
48	Evaluation of novel Prosopis juliflora water soluble leaf ethanolic extract as preservation coating material of cucumber. Journal of Food Processing and Preservation, 0, , e16352.	0.9	3