Mohammed Abu-Dieyeh

List of Publications by Year in Descending Order

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	Biodiversity of arbuscular mycorrhizal fungi in plant roots and rhizosphere soil from different arid land environment of Qatar.. *Plant Direct*, **2022**, 6, e369	3.3	1
43	Novel Prosopis juliflora leaf ethanolic extract coating for extending postharvest shelf-life of strawberries. *Food Control*, **2022**, 133, 108641	6.2	6
42	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*, **2021**, 25, 102148	7	3
41	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	2.9	1
40	Novel Prosopis juliflora leaf ethanolic extract as natural antimicrobial agent against food spoiling microorganisms. *Scientific Reports*, **2021**, 11, 7871	4.9	5
39	Brine management strategies, technologies, and recovery using adsorption processes. *Environmental Technology and Innovation*, **2021**, 22, 101541	7	8
38	Salt tolerance of selected halophytes at the two initial growth stages for future management options. *Scientific Reports*, **2021**, 11, 10194	4.9	5
37	Removal of Toxic Elements and Microbial Contaminants from Groundwater Using Low-Cost Treatment Options. *Current Pollution Reports*, **2021**, 7, 300-324	7.6	8
36	Environmental Impacts of Using Municipal Biosolids on Soil, Plant and Groundwater Qualities. *Sustainability*, **2021**, 13, 8368	3.6	1
35	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	4.9	3
34	Investigating the Quality and Efficiency of Biosolid Produced in Qatar as a Fertilizer in Tomato Production. *Agronomy*, **2021**, 11, 2552	3.6	0
33	Comparative Assessment of Toxic Metals Bioaccumulation and the Mechanisms of Chromium (Cr) Tolerance and Uptake in. *Frontiers in Plant Science*, **2020**, 11, 883	6.2	10
32	Novel bioadsorbents based on date pits for organophosphorus pesticide remediation from water. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103593	6.8	21
31	Determination of aflatoxins in coffee by means of ultra-high performance liquid chromatography-fluorescence detector and fungi isolation. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-16	1.8	7
30	Lead (Pb) bioaccumulation and antioxidative responses in Tetraena qataranse. *Scientific Reports*, **2020**, 10, 17070	4.9	13
29	Environmental impact of utilization of "produced water" from oil and gas operations in turfgrass systems. *Scientific Reports*, **2020**, 10, 15051	4.9	4
28	Vertical distribution and radiological risk assessment of Cs and natural radionuclides in soil samples. *Scientific Reports*, **2019**, 9, 12196	4.9	13

27	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	2.8	4
26	The assessment of cadmium, chromium, copper, and nickel tolerance and bioaccumulation by shrub plant Tetraena qataranse. *Scientific Reports*, **2019**, 9, 5658	4.9	80
25	Potential of mercury-tolerant bacteria for bio-uptake of mercury leached from discarded fluorescent lamps. *Journal of Environmental Management*, **2019**, 237, 217-227	7.9	10
24	Removal of toxic pollutants from produced water by phytoremediation: Applications and mechanistic study. *Journal of Water Process Engineering*, **2019**, 32, 100990	6.7	11
23	Adsorptive removal of mercury from water by adsorbents derived from date pits. *Scientific Reports*, **2019**, 9, 15327	4.9	52
22	Mercury Toxicity **2018**, 248-267		3
21	Phytoremediation: Halophytes as Promising Heavy Metal Hyperaccumulators **2018**,		15
20	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	5.1	4
19	Disinfection by-products of chlorine dioxide (chlorite, chlorate, and trihalomethanes): Occurrence in drinking water in Qatar. *Chemosphere*, **2016**, 164, 649-656	8.4	49
18	Detoxification of mercury pollutant leached from spent fluorescent lamps using bacterial strains. *Waste Management*, **2016**, 49, 238-244	8.6	15
17	Phytoremediation of heavy metals using Qatari flora. *Qscience Proceedings*, **2016**, 2016, 37		1
16	Ecosystem services and mangroves in Qatar: preservation issues. *Qscience Proceedings*, **2015**, 2015, 37		1
15	Concentrations and dynamics of fungal spore populations in the air of Zarqa, Jordan, using the volumetric method. *Grana*, **2014**, 53, 117-132	0.8	1
14	Seasonal variation of airborne pollen grains in the atmosphere of Zarqa area, Jordan. *Aerobiologia*, **2012**, 28, 527-539	2.4	5
13	Development of a zoning management plan for petra archaeological park (PAP), Jordan. *Natural Science*, **2011**, 03, 1040-1049	0.5	3
12	The antinociceptive and anti-inflammatory effects of Salvia officinalis leaf aqueous and butanol extracts. *Pharmaceutical Biology*, **2010**, 48, 1149-56	3.8	33
11	Physiological characterization of the dandelion bioherbicide, Sclerotinia minor IMI 344141. *Biocontrol Science and Technology*, **2010**, 20, 57-76	1.7	4
10	Seasonal variation of fungal spore populations in the atmosphere of Zarqa area, Jordan. *Aerobiologia*, **2010**, 26, 263-276	2.4	31

9	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	1.4	6
8	Human Activities and Ecosystem Health **2008**, 341-359		1
7	Population Dynamics of Broadleaf Weeds in Turfgrass as Influenced by Chemical and Biological Control Methods. *Weed Science*, **2007**, 55, 371-380	2	9
6	Effect of turfgrass mowing height on biocontrol of dandelion with Sclerotinia minor. *Biocontrol Science and Technology*, **2006**, 16, 509-524	1.7	14
5	Grass overseeding and a fungus combine to control Taraxacum officinale. *Journal of Applied Ecology* , **2006**, 44, 115-124	5.8	14
4	Sclerotinia minor avances fruiting and reduces germination in dandelion (Taraxacum officinale). *Biocontrol Science and Technology*, **2005**, 15, 815-825	1.7	8
3	Impact of mowing and weed control on broadleaf weed population dynamics in turf. *Journal of Plant Interactions*, **2005**, 1, 239-252	3.8	14
2	Evaluation of novel Prosopis juliflora water soluble leaf ethanolic extract as preservation coating material of cucumber. *Journal of Food Processing and Preservation*,e16352	2.1	0
1	Potential application of microalgae in produced water treatment135, 47-58		7