

# Hossein Shariatmadari

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

238  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility of agricultural residues and their biochars for plant growing media: Physical and hydraulic properties. <i>Waste Management</i> , 2019, 87, 577-589.	7.4	34
2	The role of plant growth-promoting rhizobacteria (PGPR) in improving iron acquisition by altering physiological and molecular responses in quince seedlings. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 406-415.	5.8	30
3	Kinetics of zinc release from ground tire rubber and rubber ash in a calcareous soil as alternatives to Zn fertilizers. <i>Plant and Soil</i> , 2011, 341, 89-97.	3.7	29
4	Effect of zinc nutrition on salinity-induced oxidative damages in wheat genotypes differing in zinc deficiency tolerance. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 881-889.	2.1	20
5	Seasonal Changes in Mineral Content of Different Organs in the Alternate Bearing of Pistachio Trees. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 241-258.	1.4	15
6	Effects of zinc activity in nutrient solution on uptake, translocation, and root export of cadmium and zinc in three wheat genotypes with different zinc efficiencies. <i>Soil Science and Plant Nutrition</i> , 2011, 57, 681-690.	1.9	14
7	Coating of sepiolite-chitosan nanocomposites onto urea increases nitrogen availability and its use efficiency in maize. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 884-896.	2.6	13
8	Coupling of bioaugmentation and phytoremediation to improve PCBs removal from a transformer oil-contaminated soil. <i>International Journal of Phytoremediation</i> , 2018, 20, 658-665.	3.1	11
9	Biochar, manure, and super absorbent increased wheat yields and salt redistribution in a saline-sodic soil. <i>Agronomy Journal</i> , 2020, 112, 5193-5205.	1.8	11
10	Performance of new biodegradable chelants in enhancing phytoextraction of heavy metals from a contaminated calcareous soil. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2020, 18, 655-664.	3.0	10
11	The Effect of Air Pollution on Leaf Iron (Fe) Concentration and Activity of Fe-Dependent Antioxidant Enzymes in Maple. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	7
12	Composts Containing Natural and Mg-Modified Zeolite: The Effect on Nitrate Leaching, Drainage Water, and Yield. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1800257.	1.1	7
13	Evaluation of physico-chemical properties of biochar-based mixtures for soilless growth media. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 950-964.	3.0	6
14	The effects of foliar applied potassium in the mineral form and complexed with amino acids on pistachio nut yield and quality. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1432-1445.	2.6	5
15	The role of root plasma membrane ATPase and rhizosphere acidification in zinc uptake by two different Zn-deficiency-tolerant wheat cultivars in response to zinc and histidine availability. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1646-1658.	2.6	5
16	ADSORPTION OF ALKALINE PHOSPHATES ON PALYGORSKITE AND SEPIOLITE: A TRADEOFF BETWEEN ENZYME PROTECTION AND INHIBITION. <i>Clays and Clay Minerals</i> , 2020, 68, 287-295.	1.3	5
17	Energetic and Entropic Features of Cu(II) Sorption Equilibria on Fibrous Clay Minerals. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	4
18	Bentonite addition to a PCB-contaminated sandy soil improved the growth and phytoremediation efficiency of <i>Zea mays</i> L. and <i>Alternanthera sessilis</i> L. <i>International Journal of Phytoremediation</i> , 2020, 22, 176-183.	3.1	4

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19	Effect of Magnesium Silicate Nanocomposites Coating of Phosphate Fertilizer on the Availability and Plant Uptake of Phosphorus. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2581-2591.	1.4	3
20	Physiological characteristics of <i>Plantago major</i> under SO <sub>2</sub> exposure as affected by foliar iron spray. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17985-17992.	5.3	2
21	Fortification of tomato with Ca and its effects on the fruit quality, calcium status and nutraceutical values of tomato in different NO <sub>3</sub> :NH <sub>4</sub> ratios. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2020, 48, 228-243.	1.3	2
22	Rhizosphere and green manure effects on soil chemical attributes and metal bioavailability as a function of the distance from plant roots in mono and mixed corn and canola cultures. <i>Archives of Agronomy and Soil Science</i> , 0, , 1-16.	2.6	1
23	Efficiency of MGDA and GLDA ligands in extracting plant-available Zn from calcareous soils: kinetics and optimization of extraction conditions. <i>Arid Land Research and Management</i> , 0, , 1-13.	1.6	0