

Zahra Kolahchi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

301
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of water quality on the leaching of potassium from sandy soil. <i>Journal of Arid Environments</i> , 2007, 68, 624-639.	2.4	106
2	Groundwater quality in an irrigated, agricultural area of northern Malayer, western Iran. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 80, 95-105.	2.2	34
3	Simulating leaching of potassium in a sandy soil using simple and complex models. <i>Agricultural Water Management</i> , 2006, 85, 85-94.	5.6	23
4	Short-term potassium release and fixation in some calcareous soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2007, 170, 530-537.	1.9	18
5	Novel impacts of nanoparticles on soil properties: tensile strength of aggregates and compression characteristics of soil. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 776-789.	2.6	18
6	Iron and magnesium nano-oxide effects on some physical and mechanical properties of a loamy Hypocalcic Cambisol. <i>Geoderma</i> , 2019, 335, 57-68.	5.1	17
7	Using Industrial Sewage Sludge-Derived Biochar to Immobilize Selected Heavy Metals in a Contaminated Calcareous Soil. <i>Waste and Biomass Valorization</i> , 2020, 11, 2825-2836.	3.4	17
8	Phosphorus removal from aqueous solution using modified walnut and almond wooden shell and recycling as soil amendment. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 373.	2.7	16
9	Uptake and Translocation of Some Heavy Metals by Rice Crop (<i>Oryza sativa</i>) in Paddy Soils. <i>Agriculture</i> , 2017, 63, 163-175.	0.4	15
10	Phosphorus Movement and Retention by Two Calcareous Soils. <i>Soil and Sediment Contamination</i> , 2013, 22, 21-38.	1.9	13
11	Ability of sorption-desorption experiments to predict potassium leaching from calcareous soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 785-794.	1.9	9
12	Kinetics of nutrient release from different organic residues using a laboratory system. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, 1013-1031.	2.6	8
13	Interaction effects of salinity, sewage sludge, and earthworms on the fractionations of Zn and Cu, and the metals uptake by the earthworms in a Zn- and Cu-contaminated calcareous soil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10565-10580.	5.3	7
14	Heavy metals' bio-accumulation and transfer in lemon balm (<i>Melissa officinalis</i> L.) irrigated with industrial wastewater. <i>International Journal of Environment and Waste Management</i> , 2019, 23, 238.	0.3	0