

Meisam Rezaei

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

353
citations

933410

10
h-index

1125717

13
g-index

17
all docs

17
docs citations

17
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and analysis of the Soil Water Infiltration Global database. <i>Earth System Science Data</i> , 2018, 10, 1237-1263.	9.9	85
2	Managing salinity for sustainable agricultural production in salt-affected soils of irrigated drylands. <i>Agricultural Systems</i> , 2022, 198, 103390.	6.1	49
3	The relevance of in-situ and laboratory characterization of sandy soil hydraulic properties for soil water simulations. <i>Journal of Hydrology</i> , 2016, 534, 251-265.	5.4	43
4	The Influence of Organic Amendment Source on Carbon and Nitrogen Mineralization in Different Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 177-191.	3.4	42
5	Predicting saturated hydraulic conductivity in a sandy grassland using proximally sensed apparent electrical conductivity. <i>Journal of Applied Geophysics</i> , 2016, 126, 35-41.	2.1	23
6	The relevance of measuring saturated hydraulic conductivity: Sensitivity analysis and functional evaluation. <i>Journal of Hydrology</i> , 2019, 576, 628-638.	5.4	20
7	Sensitivity of water stress in a two-layered sandy grassland soil to variations in groundwater depth and soil hydraulic parameters. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 487-503.	4.9	17
8	Alleviation of zinc deficiency in wheat inoculated with root endophytic fungus <i>Piriformospora indica</i> and rhizobacterium <i>Pseudomonas putida</i> . <i>Rhizosphere</i> , 2021, 17, 100311.	3.0	17
9	Quasi 3D modelling of vadose zone soil-water flow for optimizing irrigation strategies: Challenges, uncertainties and efficiencies. <i>Environmental Modelling and Software</i> , 2017, 93, 59-77.	4.5	12
10	Artificial recharge efficiency assessment by soil water balance and modelling approaches in a multi-layered vadose zone in a dry region. <i>Hydrological Sciences Journal</i> , 2018, 63, 1183-1202.	2.6	12
11	How to relevantly characterize hydraulic properties of saline and sodic soils for water and solute transport simulations. <i>Journal of Hydrology</i> , 2021, 598, 125777.	5.4	12
12	Digital mapping of soil biological properties and wheat yield using remotely sensed, soil chemical data and machine learning approaches. <i>Computers and Electronics in Agriculture</i> , 2022, 197, 106978.	7.7	6
13	Simplified characteristic time method for accurate estimation of the soil hydraulic parameters from one-dimensional infiltration experiments. <i>Vadose Zone Journal</i> , 2021, 20, e20117.	2.2	3