

Jie Ren

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

139
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Temperature and Dry Density on Hydraulic Conductivity of Silty Clay under Infiltration of Low-Temperature Water. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 461-466.	1.1	20
2	A review on using heat as a tool for studying groundwater-surface water interactions. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	17
3	Morris Sensitivity Analysis for Hydrothermal Coupling Parameters of Embankment Dam: A Case Study. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-11.	1.1	17
4	A new empirical model for the estimation of soil thermal conductivity. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	17
5	Modeling and comparative analysis of a flow and heat coupling model of the riparian zone based on thermal conductivity empirical models. <i>Journal of Hydrology</i> , 2020, 582, 124539.	5.4	16
6	Heat tracer test in a riparian zone: Laboratory experiments and numerical modelling. <i>Journal of Hydrology</i> , 2018, 563, 560-575.	5.4	14
7	A comparison of numerical and Lu modeling of water flow and heat transport with laboratory experiments. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	10
8	An Analysis of the Factors Affecting Hyporheic Exchange based on Numerical Modeling. <i>Water (Switzerland)</i> , 2019, 11, 665.	2.7	9
9	Multifield Coupling Numerical Simulation of the Seepage and Stability of Embankment Dams on Deep Overburden Layers. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 7293-7308.	3.0	8
10	Global Sensitivity Analysis to Assess Salt Precipitation for CO ₂ Geological Storage in Deep Saline Aquifers. <i>Geofluids</i> , 2017, 2017, 1-16.	0.7	7
11	Comparison of 1-D analytical solutions and a numerical model for quantifying hyporheic exchange flux using the temperature tracer method. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
12	A Hydrothermal Coupling Model for Estimating Temperature Variations in the Riparian Zone. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	1
13	A Comparison of Su and Lu Modeling of Hydro-Thermal Coupling Model Using Field Temperature Records. <i>Polish Journal of Environmental Studies</i> , 2020, 30, 337-350.	1.2	1