

Wenbing Zhang

List of Publications by Year in descending order

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25
papers

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citations

1040056

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docs citations

26
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Adsorption of Cadmium onto Sand-Attapulgitic Cutoff Wall Backfill Media. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	3
3	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
4	Optimization design and assessment of the effect of seepage control at reservoir sites under karst conditions: a case study in Anhui Province, China. <i>Hydrogeology Journal</i> , 2021, 29, 1831-1855.	2.1	9
5	Phase-field simulation of crack propagation in quasi-brittle materials: COMSOL implementation and parameter sensitivity analysis. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2021, 29, 055020.	2.0	9
6	Construction of the spatially varying ground motion field of a bedrock-overburden layer site and its influence on the seismic response of earth-rock dams. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
7	Strontium isotopic and hydrochemical characteristics of shallow groundwater and lake water in the Badain Jaran Desert, North China. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 516-534.	1.0	2
8	Stable isotopes ($\delta^{18}O$ and δ^2H) and chemical characteristics of soil solution in the unsaturated zone of an arid desert. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 367-380.	1.5	5
9	Study on the three-dimensional micro-porosity of solidified sludge using ArcGIS technology. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	4
10	Analysis and optimization of mechanical properties of recycled concrete based on aggregate characteristics. <i>Science and Engineering of Composite Materials</i> , 2021, 28, 516-527.	1.4	12
11	Sensitivity Study of the Computational Parameters for the Deformation of Homogeneous Earth Dams. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-17.	1.1	0
12	Vertical fluid flux in the hyporheic zone: field investigation, model, and comparative analysis. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	2
13	Quantification of the temporal-spatial distributions characteristics of streambed hyporheic exchange fluxes with the seasonal variation using heat as a tracer. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	0
14	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
15	Proposed Constitutive Law of Uniaxial Compression for Concrete under Deterioration Effects. <i>Materials</i> , 2020, 13, 2048.	2.9	6
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	A new empirical model for the estimation of soil thermal conductivity. Environmental Earth Sciences, 2019, 78, 1.	2.7	17
20	Major ion chemistry of a representative river in South-central China: Runoff effects and controlling mechanisms. Journal of Hazardous Materials, 2019, 378, 120755.	12.4	14
21	A comparison of numerical and Lu modeling of water flow and heat transport with laboratory experiments. Environmental Earth Sciences, 2019, 78, 1.	2.7	10
22	Using water temperature series and hydraulic heads to quantify hyporheic exchange in the riparian zone. Hydrogeology Journal, 2019, 27, 1419-1437.	2.1	12
23	Identifying the source of atmospheric moisture over arid deserts using stable isotopes (² H and ¹⁸ O) in precipitation. Hydrological Processes, 2018, 32, 436-449.	2.6	24
24	Understanding recharge of soil water in a sand dune at the Nuoertu of Badain Jaran Desert using isotopes of H and O. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 1063-1075.	1.5	3
25	Experimental and numerical investigation of flow over a spillway bend with different combinations of permeable spur dikes. Water Science and Technology: Water Supply, 0, , .	2.1	2