Wen-min Yao

List of Publications by Year
in descending order

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24 papers	517 citations	933264 10 h-index	677027 22 g-index
24 all docs	24 docs citations	24 times ranked	334 citing authors

#	Article	IF	Citations
1	Slope reliability analysis through Bayesian sequential updating integrating limited data from multiple estimation methods. Landslides, 2022, 19, 1101-1117.	2.7	8
2	Prediction of TBM Advance Rate Considering Geotechnical and Operating Risks: An Example of the Lanzhou Long Water Conveyance Tunnel, China. Rock Mechanics and Rock Engineering, 2022, 55, 2509-2519.	2.6	2
3	Physical model tests and numerical modeling of stabilizing mechanism of portal double-row piles in landslides with interbedded weak and hard bedrock. Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	1.6	6
4	Salt-induced structure damage and permeability enhancement of Three Gorges Reservoir sandstone under wetting-drying cycles. International Journal of Rock Mechanics and Minings Sciences, 2022, 153, 105100.	2.6	7
5	Stability evaluation of multilayer slopes considering runoff in the saturated zone under rainfall. European Journal of Environmental and Civil Engineering, 2021, 25, 1718-1732.	1.0	4
6	Reliability of the prediction model for landslide displacement with step-like behavior. Stochastic Environmental Research and Risk Assessment, 2021, 35, 2335-2353.	1.9	6
7	Multiscale Study of Physical and Mechanical Properties of Sandstone in Three Gorges Reservoir Region Subjected to Cyclic Wettingâ€“Drying of Yangtze River Water. Rock Mechanics and Rock Engineering, 2020, 53, 2215-2231.	2.6	65
8	Deformation response and triggering factors of the reservoir landslideâ€“pile system based upon geographic detector technology and uncertainty of monitoring data. Stochastic Environmental Research and Risk Assessment, 2020, 35, 1481.	1.9	5
9	Estimation of geological strength index through a Bayesian sequential updating approach integrating multi-source information. Tunnelling and Underground Space Technology, 2020, 102, 103426.	3.0	9
10	A Predictive, Two-Parameter Model for the Movement of Reservoir Landslides. Journal of Earth Science (Wuhan, China), 2020, 31, 1051-1057.	1.1	25
11	Probabilistic multi-objective optimization for landslide reinforcement with stabilizing piles in Zigui Basin of Three Gorges Reservoir region, China. Stochastic Environmental Research and Risk Assessment, 2020, 34, 807-824.	1.9	15
12	Spatiotemporal deformation characteristics and triggering factors of Baijiabao landslide in Three Gorges Reservoir region, China. Geomorphology, 2019, 343, 34-47.	1.1	88
13	A Novel Approach for Determining Pile Spacing considering Interactions among Multilayered Sliding Masses in Colluvial Landslides. KSCE Journal of Civil Engineering, 2019, 23, 3935-3950.	0.9	7
14	A Novel Unsteady Fractal Derivative Creep Model for Soft Interlayers with Varying Water Contents. KSCE Journal of Civil Engineering, 2019, 23, 5064-5075.	0.9	13
15	Susceptibility of reservoir-induced landslides and strategies for increasing the slope stability in the Three Gorges Reservoir Area: Zigui Basin as an example. Engineering Geology, 2019, 261, 105279.	2.9	113
16	Investigation on shear behavior of soft interlayers by ring shear tests. Engineering Geology, 2019, 254, 34-42.	2.9	43
17	An Assessment of the Osmotic Pressure Effect on the Creep Properties of Silty Mudstone. Soil Mechanics and Foundation Engineering, 2019, 56, 314-320.	0.2	8
18	Time-dependent slope stability during intense rainfall with stratified soil water content. Bulletin of Engineering Geology and the Environment, 2019, 78, 4805-4819.	1.6	25

#	Article	IF	Citations
19	Stability analysis of strain-softening slopes based on the gravity increase method. HKIE Transactions, 2019, 26, 30-38.	1.9	0
20	Improved plane layout of stabilizing piles based on the piecewise function expression of the irregular driving force. Journal of Mountain Science, 2018, 15, 871-881.	0.8	10
21	Simulating Strength Parameters and Size Effect of Stochastic Jointed Rock Mass using DEM Method. KSCE Journal of Civil Engineering, 2018, 22, 4872-4881.	0.9	19
22	A new shear rheological model for a soft interlayer with varying water content. Water Science and Engineering, 2018, 11, 131-138.	1.4	11
23	Applicability Research on the Dip Slope with Interbeddings of Weak and Strong Rocks Using Strength Reduction Method. Geotechnical and Geological Engineering, 2017, 35, 1111-1118.	0.8	4
24	The Coupling Effect of Rainfall and Reservoir Water Level Decline on the Baijiabao Landslide in the Three Gorges Reservoir Area, China. Geofluids, 2017, 2017, 1-12.	0.3	24