

Jiankang Chen

List of Publications by Year in descending order

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14
papers

49
citations

1937685

4
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

18
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Risk Evaluation and Early Warning of Crest Cracking for High Earth-Rockfill Dams through Bayesian Parameter Updating. Applied Sciences (Switzerland), 2020, 10, 7627.	2.5	8
2	A novel settlement forecasting model for rockfill dams based on physical causes. Bulletin of Engineering Geology and the Environment, 2021, 80, 7973-7988.	3.5	6
3	Research and Application of Critical Failure Paths Identification Method for Dam Risk Analysis. Mathematical Problems in Engineering, 2020, 2020, 1-10.	1.1	6
4	Effect of correlated random fields on nonlinear dynamic responses of gravity dam. Natural Hazards, 2021, 106, 79-96.	3.4	5
5	Evaluation Method of Synergy Degree for Comprehensive Benefits System of Hydropower Projects. Sustainability, 2021, 13, 10770.	3.2	5
6	Comparison of homogenous and random fields of tensile strength effects on the nonlinear dynamical response of Guandi concrete gravity dams under strong earthquake waves. Structure and Infrastructure Engineering, 2021, 17, 1684-1697.	3.7	4
7	A Fractal Prediction Method for Safety Monitoring Deformation of Core Rockfill Dams. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	4
8	Hydration, Hardening Mechanism, and Performance of Tuff Normal Concrete. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	3
9	An equivalent method of jet impact loading from collapsing near-wall acoustic bubbles: A preliminary study. Ultrasonics Sonochemistry, 2021, 79, 105760.	8.2	3
10	An efficient online outlier recognition method of dam monitoring data based on improved M-robust regression. Structural Health Monitoring, 2023, 22, 581-599.	7.5	2
11	Study on leakage dissolution around the dam foundation of the Qingju Hydropower Station and its engineering influence on the dam. Bulletin of Engineering Geology and the Environment, 2015, 74, 1463-1473.	3.5	1
12	Research and Application of a Seismic Damage Classification Method of Concrete Gravity Dams Using Displacement in the Crest. Applied Sciences (Switzerland), 2020, 10, 4134.	2.5	1
13	Reliability analysis of slope with cross-correlated spatially variable soil properties using AFOSM. Environmental Earth Sciences, 2021, 80, 1.	2.7	1
14	Study on the Assessment Method of the Impact on Hydrological Safety of Riverside Pit-Ponds along a Dike. Water (Switzerland), 2019, 11, 744.	2.7	0