

Jiankang Chen

List of Publications by Year in descending order

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14
papers

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1937685

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