

Wu Zhenyu

List of Publications by Year in descending order

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22
papers

157
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1307594

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#	ARTICLE	IF	CITATIONS
1	Efficient seismic risk analysis of gravity dams via screening of intensity measures and simulated non-parametric fragility curves. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 152, 107040.	3.8	9
2	Separate modeling technique for deformation monitoring of concrete dams. <i>Structural Health Monitoring</i> , 2022, 21, 2968-2989.	7.5	7
3	FEM-Bayesian Kriging method for deformation field estimation of earth dams with limited monitoring data. <i>Computers and Geotechnics</i> , 2022, 148, 104782.	4.7	5
4	An advanced Bayesian parameter estimation methodology for concrete dams combining an improved extraction technique of hydrostatic component and hybrid response surface method. <i>Engineering Structures</i> , 2022, 267, 114687.	5.3	8
5	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
6	Fuzzy seismic fragility analysis of gravity dams considering spatial variability of material parameters. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 140, 106439.	3.8	16
7	Effect of correlated random fields on nonlinear dynamic responses of gravity dam. <i>Natural Hazards</i> , 2021, 106, 79-96.	3.4	5
8	Reliability analysis of slope with cross-correlated spatially variable soil properties using AFOSM. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	1
9	Overtopping Risk Analysis of Earth Dams considering Effects of Failure Duration of Release Structures. <i>Complexity</i> , 2020, 2020, 1-15.	1.6	3
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	Discussion on the allowable safety factor of slope stability for high rockfill dams in China. <i>Engineering Geology</i> , 2020, 272, 105666.	6.3	15
12	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
13	An optimized compact reconstruction weighted essentially non-oscillatory scheme for Degasperis-Procesi equation. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2020, 77, 328-347.	0.9	1
14	Enhancement of semi-theoretical models for predicting peak discharges in breached embankment dams. <i>Environmental Fluid Mechanics</i> , 2020, 20, 885-904.	1.6	10
15	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
16	Analysis of Sluice Foundation Seepage Using Monitoring Data and Numerical Simulation. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-15.	0.7	3
17	PS Selection Method for and Application to GB-SAR Monitoring of Dam Deformation. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-15.	0.7	5
18	Effect of the spatial variability of strength parameters on the dynamic damage characteristics of gravity dams. <i>Engineering Structures</i> , 2019, 183, 281-289.	5.3	20

#	ARTICLE	IF	CITATIONS
19	Study of the key technologies of application of tuff powder concrete at the Daigo hydropower station in Tibet. Construction and Building Materials, 2017, 156, 1-8.	7.2	15
20	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
21	An algorithm in generalized coordinate system and its application to reliability analysis of seismic slope stability of high rockfill dams. Engineering Geology, 2015, 188, 88-96.	6.3	14
22	Investigation on the Nonlinear Time Series Predication of Monitoring Data in Geotechnical Engineering., 2009, , .		0