

Xin Liu

List of Publications by Year in descending order

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9
papers

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docs citations

9
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Monte Carlo Simulation Method and Its Applications to Reliability Analysis of Series Systems with a Large Number of Components. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2022, 8, .	1.7	1
2	Spatial—Temporal Variation of Soil Sliding Probability in Cohesive Slopes with Spatially Variable Soils. International Journal of Geomechanics, 2021, 21, .	2.7	8
3	Probabilistic simulation of entire process of rainfall-induced landslides using random finite element and material point methods with hydro-mechanical coupling. Computers and Geotechnics, 2021, 132, 103989.	4.7	51
4	Reliability analysis of an existing slope at a specific site considering rainfall triggering mechanism and its past performance records. Engineering Geology, 2021, 288, 106144.	6.3	14
5	Bayesian selection of slope hydraulic model and identification of model parameters using monitoring data and subset simulation. Computers and Geotechnics, 2021, 139, 104428.	4.7	17
6	Adaptive Monte Carlo simulation method for system reliability analysis of slope stability based on limit equilibrium methods. Engineering Geology, 2020, 264, 105384.	6.3	59
7	Numerical simulation of the 1995 rainfall-induced Fei Tsui Road landslide in Hong Kong: new insights from hydro-mechanically coupled material point method. Landslides, 2020, 17, 2755-2775.	5.4	31
8	Probabilistic analysis of post-failure behavior of soil slopes using random smoothed particle hydrodynamics. Engineering Geology, 2019, 261, 105266.	6.3	39
9	Investigation of slope failure mode evolution during large deformation in spatially variable soils by random limit equilibrium and material point methods. Computers and Geotechnics, 2019, 111, 301-312.	4.7	78