

Yong Ming Tien

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

546
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	A failure criterion for transversely isotropic rocks. International Journal of Rock Mechanics and Minings Sciences, 2001, 38, 399-412.	5.8	222
2	Appraising cone penetration test based liquefaction resistance evaluation methods: artificial neural network approach. Canadian Geotechnical Journal, 1999, 36, 443-454.	2.8	67
3	Measuring System for Cracks in Concrete Using Multitemporal Images. Journal of Surveying Engineering, - ASCE, 2006, 132, 77-82.	1.7	54
4	Optimization of site investigation program for improved statistical characterization of geotechnical property based on random field theory. Bulletin of Engineering Geology and the Environment, 2017, 76, 1021-1035.	3.5	47
5	Calibration of empirical models considering model fidelity and model robustness " Focusing on predictions of liquefaction-induced settlements. Engineering Geology, 2016, 203, 168-177.	6.3	35
6	Robust design of rock slopes with multiple failure modes: modeling uncertainty of estimated parameter statistics with fuzzy number. Environmental Earth Sciences, 2014, 72, 2957-2969.	2.7	27
7	Wall friction measurement and compaction characteristics of bentonite powders. Powder Technology, 2007, 173, 140-151.	4.2	20
8	Micromechanical Analysis of Imperfectly Bonded Layered Media. Journal of Engineering Mechanics - ASCE, 1997, 123, 986-995.	2.9	18
9	Micromechanical model for compaction characteristics of bentonite" sand mixtures. Applied Clay Science, 2004, 26, 489-498.	5.2	18
10	A study of the human-fatality rate in near-fault regions using the Victim Attribute Database. Natural Hazards, 2007, 42, 19-35.	3.4	13
11	Uncertainty of " Fracture Intensity Measurements. Journal of Geophysical Research: Solid Earth, 2017, 122, 9344-9358.	3.4	10
12	Modified Mohr-Coulomb-type micromechanical failure criteria for layered rocks. International Journal for Numerical and Analytical Methods in Geomechanics, 1999, 23, 451-460.	3.3	7
13	Isointensity-isoexposure concept for seismic vulnerability analysis " A case study of the 1999 Chi-Chi, Taiwan earthquake. Engineering Geology, 2012, 131-132, 1-10.	6.3	4
14	Uncertainty of volume fraction in bimrock using the scan-line method and its application in the estimation of deformability parameters. Bulletin of Engineering Geology and the Environment, 2020, 79, 1651-1668.	3.5	4
15	Analytical model for uncertainty characterization of fracture intensity measurement in rock masses. Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	3.5	0