

Siau Chen Chian

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

435
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Tsunami damage to coastal defences and buildings in the March 11th 2011 M w 9.0 Great East Japan earthquake and tsunami. <i>Bulletin of Earthquake Engineering</i> , 2013, 11, 205-239.	4.1	95
2	Ground motion characteristics and shaking damage of the 11th March 2011 M w9.0 Great East Japan earthquake. <i>Bulletin of Earthquake Engineering</i> , 2013, 11, 141-170.	4.1	68
3	Bearing capacity analysis of a saturated non-uniform soil slope with discretization-based kinematic analysis. <i>Computers and Geotechnics</i> , 2018, 96, 246-257.	4.7	39
4	Seismic stability of geosynthetic-reinforced walls with variable excitation and soil properties: A discretization-based kinematic analysis. <i>Computers and Geotechnics</i> , 2018, 102, 196-205.	4.7	31
5	Revisiting seismic slope stability: intermediate or below-the-toe failure?. <i>Geotechnique</i> , 2020, 70, 71-79.	4.0	30
6	Pseudo-dynamic lateral earth pressures on rigid walls with varying cohesive-frictional backfill. <i>Computers and Geotechnics</i> , 2020, 119, 103289.	4.7	30
7	Kinematic Stability of a Two-Stage Slope in Layered Soils. <i>International Journal of Geomechanics</i> , 2017, 17, .	2.7	27
8	Pseudo-static/dynamic solutions of required reinforcement force for steep slopes using discretization-based kinematic analysis. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 289-299.	8.1	21
9	Seismic bearing capacity of non-uniform soil slopes using discretization-based kinematic analysis considering Rayleigh waves. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 109, 23-32.	3.8	20
10	Seismic Ultimate Bearing Capacity of a Hoek-Brown Rock Slope Using Discretization-Based Kinematic Analysis and Pseudodynamic Methods. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	20
11	New Perspective on Seismic Slope Stability Analysis. <i>International Journal of Geomechanics</i> , 2018, 18, 06018013.	2.7	18
12	Impact of Earthquake Characteristics on Seismic Slope Stability Using Modified Pseudodynamic Method. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	15
13	Revisiting Seismic Active/Passive Earth Pressure in Nonuniform Cohesive Frictional Backfill. <i>International Journal of Geomechanics</i> , 2020, 20, 04020058.	2.7	7
14	Discretization-Based Kinematic Analysis Method to Seismic Stability of Geosynthetic-Reinforced Slopes Involving Differing Earthquake Approaches. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	6
15	Another look at the stability of unsaturated soil slopes considering nonuniformity and nonlinearity. <i>Computers and Geotechnics</i> , 2022, 148, 104743.	4.7	4
16	Stability Analyses of Initial Collapse and Earthquake-Induced Secondary Failure Using Discretization-Based Kinematic Analysis. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	2
17	Post-earthquake Reconnaissance: Theories Versus Observations. <i>Springer Tracts in Civil Engineering</i> , 2022, , 191-207.	0.5	2