

Meen-Wah Gui

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

201
citations

1163117

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h-index

1058476

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g-index

20
all docs

20
docs citations

20
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of Laterally Loaded Single Piles Subjected to Various Loading Rates in a Poroelastic Soil. Applied Sciences (Switzerland), 2022, 12, 617.	2.5	3
2	Estimation of surface soil moisture content using fractals. Environmental Monitoring and Assessment, 2021, 193, 91.	2.7	5
3	Impacts of Compaction Load and Procedure on Stress-Deformation Behaviors of a Soil Geosynthetic Composite (SGC) Massê”A Case Study. Applied Sciences (Switzerland), 2020, 10, 6339.	2.5	2
4	Effectiveness of Buttress and Cross-Wall in Deep Excavations. , 2016, , .		1
5	Sensitivity and Uncertainty Analyses of the Translational Slide at the Cidu Section, 3.1k of the Taiwan Formosan Freeway. , 2016, , .		1
6	Effects of Upstream Water Level on Dynamic Response of Earth Dam. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	0
7	A NUMERICAL STUDY ON SOILê”GROUP-PILEê”BRIDGE-PIER INTERACTION UNDER THE EFFECT OF EARTHQUAKE LOADING. Journal of Earthquake and Tsunami, 2014, 08, 1350037.	1.3	8
8	Failure of soil under water infiltration condition. Engineering Geology, 2014, 181, 124-141.	6.3	38
9	Diaphragm wall displacement due to creep of soft clay. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2014, 167, 297-310.	1.6	5
10	Estimation of transverse ground surface settlement induced by DOT shield tunneling. Tunnelling and Underground Space Technology, 2013, 33, 119-130.	6.2	43
11	Applicability of the principle of superposition in estimating ground surface settlement of twin- and quadruple-tube tunnels. Tunnelling and Underground Space Technology, 2012, 28, 135-149.	6.2	39
12	Numerical modeling of an advancing hydraulically-driven pile in sand. Journal of Zhejiang University: Science A, 2011, 12, 15-23.	2.4	1
13	Seismic performance of tunnel lining of side-by-side and vertically stacked twin-tunnels. Central South University, 2011, 18, 1226-1234.	0.5	10
14	An investigation on a failed double-wall cofferdam during construction. Engineering Failure Analysis, 2009, 16, 421-432.	4.0	14
15	Effects of overburden, rock strength and pillar width on the safety of a three-parallel-hole tunnel. Journal of Zhejiang University: Science A, 2009, 10, 1581-1588.	2.4	13
16	Generalized Fitting Parameters of Three Permeability Functions for Predicting Water Coefficient of Permeability of Lateritic Soil. Geotechnical Testing Journal, 2009, 32, 418-427.	1.0	2
17	Rate of strength increase of unsaturated lateritic soil. Canadian Geotechnical Journal, 2008, 45, 1335-1343.	2.8	12
18	Comparison of Measured and Back Estimated Cone Penetration Resistance of Sand. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
19	The Basics of Noise Detection and Filtering for Borehole Drilling Data. Open Civil Engineering Journal, 2008, 2, 113-120.	0.8	3