

Min Lee Lee

List of Publications by Year in descending order

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40
papers

1,535
citations

430874

18
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Affecting Improvement in Engineering Properties of Residual Soil through Microbial-Induced Calcite Precipitation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014, 140, .	3.0	215
2	A Study on Crack Damage Stress Thresholds of Different Rock Types Based on Uniaxial Compression Tests. <i>Rock Mechanics and Rock Engineering</i> , 2014, 47, 1183-1195.	5.4	175
3	Improvements in engineering properties of soils through microbial-induced calcite precipitation. <i>KSCCE Journal of Civil Engineering</i> , 2013, 17, 718-728.	1.9	151
4	A simple model for preliminary evaluation of rainfall-induced slope instability. <i>Engineering Geology</i> , 2009, 108, 272-285.	6.3	114
5	Combined roles of saturated permeability and rainfall characteristics on surficial failure of homogeneous soil slope. <i>Engineering Geology</i> , 2013, 153, 105-113.	6.3	91
6	Rainfall-induced landslides in Hulu Kelang area, Malaysia. <i>Natural Hazards</i> , 2014, 70, 353-375.	3.4	88
7	Performances of two instrumented laboratory models for the study of rainfall infiltration into unsaturated soils. <i>Engineering Geology</i> , 2011, 117, 78-89.	6.3	80
8	Stress-deformation and compressibility responses of bio-mediated residual soils. <i>Ecological Engineering</i> , 2013, 60, 142-149.	3.6	76
9	Analysis of an anti-dip landslide triggered by the 2008 Wenchuan earthquake in China. <i>Natural Hazards</i> , 2013, 68, 1021-1039.	3.4	75
10	Discrete element modeling of a rainfall-induced flowslide. <i>Engineering Geology</i> , 2012, 149-150, 22-34.	6.3	59
11	Effect of different sand grading on strength properties of cement grout. <i>Construction and Building Materials</i> , 2013, 38, 348-355.	7.2	52
12	Implication of subsurface flow on rainfall-induced landslide: a case study. <i>Landslides</i> , 2016, 13, 1109-1123.	5.4	50
13	A review of landslide acceptable risk and tolerable risk. <i>Geoenvironmental Disasters</i> , 2022, 9, .	3.6	44
14	Modeling of suction distributions in an unsaturated heterogeneous residual soil slope. <i>Engineering Geology</i> , 2012, 131-132, 70-82.	6.3	36
15	Bio-Mediated Soil Improvement under Various Concentrations of Cementation Reagent. <i>Applied Mechanics and Materials</i> , 0, 204-208, 326-329.	0.2	33
16	Hulu Kelang, Malaysia regional mapping of rainfall-induced landslides using TRIGRS model. <i>Arabian Journal of Geosciences</i> , 2015, 8, 3183-3194.	1.3	26
17	Discrete element modeling of a mining-induced rock slide. <i>SpringerPlus</i> , 2016, 5, 1633.	1.2	25
18	Extreme rainfall characteristics for surface slope stability in the Malaysian Peninsular. <i>Georisk</i> , 2008, 2, 65-78.	3.5	22

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19	Susceptibility Assessment of Shallow Landslides in Hulu Kelang Area, Kuala Lumpur, Malaysia Using Analytical Hierarchy Process and Frequency Ratio. <i>Geotechnical and Geological Engineering</i> , 2015, 33, 43-57.	1.7	21
20	Discrete element modeling of the Hongshiyuan landslide triggered by the 2014 Ms 6.5 Ludian earthquake in Yunnan, China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	17
21	Effects of stress state and fine fraction on stress transmission in internally unstable granular mixtures investigated via discrete element method. <i>Powder Technology</i> , 2020, 367, 659-670.	4.2	16
22	Regional modeling of rainfall-induced landslides using TRIGRS model by incorporating plant cover effects: case study in Hulu Kelang, Malaysia. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	14
23	Spatiotemporal regional modeling of rainfall-induced slope failure in Hulu Kelang, Malaysia. <i>Environmental Earth Sciences</i> , 2015, 73, 8425-8441.	2.7	10
24	Soil column infiltration tests on biomediated capillary barrier systems for mitigating rainfall-induced landslides. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	10
25	Deformation Behavior of Mining beneath Flat and Sloping Terrains in Mountainous Areas. <i>Geofluids</i> , 2021, 2021, 1-16.	0.7	7
26	Experimental study of reservoir bank collapse in gravel soil under different slope gradients and water levels. <i>Natural Hazards</i> , 2020, 102, 249-273.	3.4	6
27	A Review of Impacts of Climate Change on Slope Stability. <i>Lecture Notes in Civil Engineering</i> , 2022, , 157-178.	0.4	5
28	Case Studies and Challenges of Implementing Geotechnical Building Information Modelling in Malaysia. <i>Infrastructures</i> , 2021, 6, 145.	2.8	3
29	Effect of Glutinous Rice Slurry on the Unconfined Compressive Strength of Lime-Treated Seasonal Permafrost Subjected to Freeze-Thaw Cycles. <i>KSCE Journal of Civil Engineering</i> , 2022, 26, 1712-1722.	1.9	3
30	Enhancement of durability properties of heat-treated oil palm shell species lightweight concrete. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
31	Influence of Consolidation Pressure on Stress-Deformation Responses of Bio-mediated Residual Soil in Malaysia. <i>International Journal of Geotechnical Engineering</i> , 2021, 15, 994-1007.	2.0	2
32	Comparison of Continuum Stresses in Granular Material Computed by Volume Average Approach and Boundary Average Approach Under Static and Quasi-Static Conditions. <i>International Journal of Applied Mechanics</i> , 2021, 13, .	2.2	2
33	Laboratory and Numerical Studies of Rainfall Infiltration into Residual Soil Slope Improved by Biomediated Soil Cover. <i>Water (Switzerland)</i> , 2022, 14, 744.	2.7	2
34	Discussion of "Critical Hydraulic Gradients of Internal Erosion under Complex Stress States" by D. S. Chang and L. M. Zhang. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014, 140, .	3.0	1
35	Shaking table test on dynamic behaviours of tropical residual soils in Malaysia. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 1735-1746.	1.9	1
36	Geotextile Encapsulation as Protection to Lime Column under Shear Load. <i>E3S Web of Conferences</i> , 2018, 65, 06005.	0.5	1

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37	Reply to the discussion by Weichao Li on “Performances of two instrumented laboratory models for the study of rainfall infiltration into unsaturated soil, Engineering Geology, 117(1): 78-89”, Engineering Geology, 2012, 127, 86-87.	6.3	0
38	Systematic Approaches for Signal Processing of Soil Shaking Table Test. MATEC Web of Conferences, 2017, 138, 04005.	0.2	0
39	Anisotropically Consolidated Undrained Compression Test on Residual Soil. E3S Web of Conferences, 2018, 65, 06006.	0.5	0
40	Design and construction of soil nail reinforced soldier pile wall as a temporary shoring system for deep excavation – a case study. International Journal of Geotechnical Engineering, 2022, 16, 850-864.	2.0	0