

Junhwan Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,193
citations

12
h-index

34
g-index

37
ext. papers

1,327
ext. citations

3.3
avg, IF

4.65
L-index

#	Paper	IF	Citations
35	Probabilistic tunnel collapse risk evaluation model using analytical hierarchy process (AHP) and Delphi survey technique. <i>Tunnelling and Underground Space Technology</i> , 2021 , 120, 104262	5.7	2
34	Resistance Factors for LRFD of Laterally Loaded Drilled Shafts in Sands Characterized for Transmission Line Structures. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021017	3.4	2
33	Effects of Pore Water Volume on K_0 for Sand Subject to Freezing and Thawing. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04020173	3.4	
32	Comparative Analysis of Axial Load Capacity for Piled-Raft Foundation with Changes in Groundwater Level. <i>KSCE Journal of Civil Engineering</i> , 2019 , 23, 4250-4258	1.9	4
31	Investigation of pullout load capacity for helical anchors subjected to inclined loading conditions using coupled Eulerian-Lagrangian analyses. <i>Computers and Geotechnics</i> , 2019 , 111, 66-75	4.4	11
30	Proposed Correlation Model for Groundwater Level Prediction Based on River Stage Considering Changes in Hydrological and Geological Conditions. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019 , 24, 04019042	1.8	4
29	Stability of bioreactor landfills with leachate injection configuration and landfill material condition. <i>Computers and Geotechnics</i> , 2019 , 108, 234-243	4.4	9
28	Prediction Model for Spatial and Temporal Variation of Groundwater Level Based on River Stage. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 06018002	1.8	3
27	Interpretative Analysis of Lateral Load-Carrying Behavior and Design Model for Inclined Single and Group Micropiles. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018 , 144, 04017103	3.4	9
26	Assessment of load sharing behavior for micropiled rafts installed with inclined condition. <i>Engineering Structures</i> , 2018 , 172, 780-788	4.7	6
25	Quantification of bulk form and angularity of particle with correlation of shear strength and packing density in sands. <i>Engineering Geology</i> , 2017 , 220, 256-265	6	33
24	Vertical load-carrying behavior and design models for micropiles considering foundation configuration conditions. <i>Canadian Geotechnical Journal</i> , 2017 , 54, 234-247	3.2	15
23	Hydraulic and Thermal Conductivities of Kaolin-Silica Mixtures under Different Consolidation Stresses. <i>Marine Georesources and Geotechnology</i> , 2016 , 34, 532-541	2.2	3
22	Effect of freezing and thawing on (K_v) geostatic stress state for granular materials. <i>Granular Matter</i> , 2016 , 18, 1	2.6	3
21	CPT-based p-y analysis for piles embedded in clays under cyclic loading conditions. <i>KSCE Journal of Civil Engineering</i> , 2016 , 20, 1759-1768	1.9	1
20	Comparative Influences of Precipitation and River Stage on Groundwater Levels in Near-River Areas. <i>Sustainability</i> , 2016 , 8, 1	3.6	771
19	Improved Performance of Connected Foundations for Resilient Energy Transmission Infrastructure in Soft Soils. <i>Sustainability</i> , 2016 , 8, 30	3.6	1

18	Analysis of load sharing behavior for piled rafts using normalized load response model. <i>Japanese Geotechnical Society Special Publication</i> , 2016 , 2, 1255-1258	0.2	
17	Analyzing load response and load sharing behavior of piled rafts installed with driven piles in sands. <i>Computers and Geotechnics</i> , 2016 , 78, 62-71	4.4	14
16	Numerical investigation of the at-rest earth pressure coefficient of granular materials. <i>Granular Matter</i> , 2015 , 17, 413-418	2.6	5
15	Load-carrying behavior of transmission-tower connected foundations subjected to different load directions. <i>Soils and Foundations</i> , 2015 , 55, 575-587	2.9	4
14	Estimation of load-sharing ratios for piled rafts in sands that includes interaction effects. <i>Computers and Geotechnics</i> , 2015 , 63, 306-314	4.4	32
13	Comparative Analysis of Various Interaction Effects for Piled Rafts in Sands Using Centrifuge Tests. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2015 , 141, 04014082	3.4	26
12	Improved Performance of Electrical Transmission Tower Structure Using Connected Foundation in Soft Ground. <i>Energies</i> , 2015 , 8, 4963-4982	3.1	6
11	Analysis of load sharing behavior for piled rafts using normalized load response model. <i>Computers and Geotechnics</i> , 2014 , 57, 65-74	4.4	21
10	Closure to Assessment of K ₀ correlation to strength for granular materials by Junhwan Lee, Tae Sup Yun, Dongyeol Lee, and Junghwoon Lee. <i>Soils and Foundations</i> , 2014 , 54, 245-247	2.9	0
9	Experimental Investigation on the Coefficient of Lateral Earth Pressure at Rest of Silty Sands: Effect of Fines. <i>Geotechnical Testing Journal</i> , 2014 , 37, 20130204	1.3	6
8	Assessment of K ₀ correlation to strength for granular materials. <i>Soils and Foundations</i> , 2013 , 53, 584-595.	2.9	38
7	Resistance factor contour plot analyses of load and resistance factor design of axially-loaded driven piles in clays. <i>Computers and Geotechnics</i> , 2012 , 44, 9-19	4.4	7
6	Penetrometer-Based Assessment of Spudcan Penetration Resistance. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011 , 137, 587-596	3.4	16
5	Estimation of Lateral Load Capacity of Rigid Short Piles in Sands Using CPT Results. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 48-56	3.4	17
4	Normalized Resilient Modulus Model for Subbase and Subgrade Based on Stress-Dependent Modulus Degradation. <i>Journal of Transportation Engineering</i> , 2009 , 135, 600-610		11
3	Estimation of bearing capacity for multiple footings in sand. <i>Computers and Geotechnics</i> , 2009 , 36, 1000-1008	4.4	40
2	Bearing capacity of circular footings under surcharge using state-dependent finite element analysis. <i>Computers and Geotechnics</i> , 2005 , 32, 445-457	4.4	12
1	Stability Analysis of Complex Soil Slopes using Limit Analysis. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2002 , 128, 546-557	3.4	60

