

Seung Jae Lee

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3439414/seung-jae-lee-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

17
papers

198
citations

7
h-index

13
g-index

22
ext. papers

260
ext. citations

3
avg, IF

3.15
L-index

#	Paper	IF	Citations
17	Characterization of variability in 2-dimensional particle geometry via 3D structured light scanning. <i>Transportation Geotechnics</i> , 2022 , 34, 100760	4	0
16	Numerical modelling of large deformation problems in geotechnical engineering: A state-of-the-art review. <i>Soils and Foundations</i> , 2021 , 61, 1718-1718	2.9	4
15	A new interpretation of three-dimensional particle geometry: M-A-V-L. <i>Transportation Geotechnics</i> , 2020 , 23, 100328	4	7
14	Interrelation of morphological indices and 2-D generalized regularity for coarse aggregate in cement-based materials. <i>Construction and Building Materials</i> , 2020 , 251, 118984	6.7	2
13	Influence of particle morphology simplification on the simulation of granular material behavior. <i>Granular Matter</i> , 2020 , 22, 1	2.6	3
12	Estimation of 3D Sphericity by Volume Measurement [Application to Coarse Aggregates. <i>Transportation Geotechnics</i> , 2020 , 23, 100344	4	3
11	Influence of coarse aggregate angularity on the mechanical performance of cement-based materials. <i>Construction and Building Materials</i> , 2019 , 204, 184-192	6.7	17
10	Role of Initial Particle Arrangement in Ballast Mechanical Behavior. <i>International Journal of Geomechanics</i> , 2018 , 18, 04017158	3.1	17
9	Long-Term Performance of Recycled Concrete Aggregate for Subsurface Drainage. <i>Journal of Performance of Constructed Facilities</i> , 2017 , 31, 04017015	2	8
8	Imaging-to-Simulation Framework for Improving Disaster Preparedness of Construction Projects and Neighboring Communities 2017 ,		3
7	Experimental Study on Sinkholes: Soil-Groundwater Behaviors Under Varied Hydrogeological Conditions. <i>Journal of Testing and Evaluation</i> , 2017 , 45, 20160166	1	5
6	Parametric Sensitivity Study of Particle Shape Effect Through 3D Printing. <i>Springer Proceedings in Physics</i> , 2017 , 593-600	0.2	1
5	A Smartphone-Based Image Analysis Technique for Ballast Aggregates 2016 ,		8
4	iDEM: An impulse-based discrete element method for fast granular dynamics. <i>International Journal for Numerical Methods in Engineering</i> , 2015 , 104, 79-103	2.4	14
3	Simulating Ballast Shear Strength from Large-Scale Triaxial Tests: Discrete Element Method. <i>Transportation Research Record</i> , 2013 , 2374, 126-135	1.7	33
2	Simulation of triaxial compression tests with polyhedral discrete elements. <i>Computers and Geotechnics</i> , 2012 , 43, 92-100	4.4	66
1	Simulation of Experimental Tests on the JSC-1A Lunar Soil Simulant with Polyhedral Discrete Elements 2010 ,		6

