

Hoang Bao Khoi Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

305
citations

1163117

8
h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Undrained behaviour of granular material and the role of fabric in isotropic and consolidation: DEM approach. <i>Geotechnique</i> , 2017, 67, 153-167.	4.0	61
2	Characteristic Behavior of Drained and Undrained Triaxial Compression Tests: DEM Study. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	3.0	52
3	Critical State Soil Mechanics for Cyclic Liquefaction and Postliquefaction Behavior: DEM study. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, .	3.0	40
4	How particle shape affects the critical state, triggering of instability and dilatancy of granular materials – results from a DEM study. <i>Geotechnique</i> , 2021, 71, 749-764.	4.0	36
5	The effect of consolidation on undrained behaviour of granular materials: experiment and DEM simulation. <i>Geotechnical Research</i> , 2018, 5, 199-217.	1.4	26
6	Evaluating the particle rolling effect on the characteristic features of granular material under the critical state soil mechanics framework. <i>Granular Matter</i> , 2020, 22, 1.	2.2	25
7	Equivalent state theory for mixtures of sand with non-plastic fines: a DEM investigation. <i>Geotechnique</i> , 2021, 71, 423-440.	4.0	24
8	The critical state behaviour of granular material in triaxial and direct simple shear condition: A DEM approach. <i>Computers and Geotechnics</i> , 2021, 138, 104325.	4.7	21
9	Undrained Behavior of Sand by DEM Study. , 2015, , .		12
10	Spatial Variability of Material Parameter and Bearing Capacity of Clay. <i>Advanced Materials Research</i> , 2012, 629, 433-437.	0.3	2
11	Influence of Particle Rolling and Rotation on the Shearing Response of Clean Sand. , 2019, , .		2
12	Critical State Theory for Sand with Fines: A DEM Perspective. <i>Sustainable Civil Infrastructures</i> , 2019, , 62-75.	0.2	1
13	Effect of Stress Reversal and Consolidation on Undrained Behaviour of Granular Materials under Cyclic Loading: A DEM Study. , 2020, , .		1
14	Effect of Stress Reversal in Cyclic Instability: A DEM Study. <i>Lecture Notes in Civil Engineering</i> , 2021, , 213-221.	0.4	1
15	Soil Behavior in the Earth Pressure Balance (EPB) Shield Tunnelling – A DEM Study. , 2022, , .		1
16	Finite Element Analysis for Spatially Stochastic Soil – Anisotropic Studies. , 2015, , .		0
17	Modelling the Liquefaction Behaviour of Sydney Sand and the Link Between Static and Cyclic Instability. <i>Sustainable Civil Infrastructures</i> , 2019, , 76-86.	0.2	0
18	Drained Response of Granular Material. <i>Sustainable Civil Infrastructures</i> , 2019, , 175-184.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Stiff Degradation of Granular Material – A DEM Approach. Sustainable Civil Infrastructures, 2020, , 56-62.	0.2	0
20	A Micro-mechanical Study for Constant Shear Drained Behaviour of Granular Material. Sustainable Civil Infrastructures, 2020, , 48-55.	0.2	0
21	A Micromechanical Study on the Effect of Initial Static Shear Stress on Cyclic Shearing Response. Lecture Notes in Civil Engineering, 2020, , 145-156.	0.4	0