

Fei Han

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

464
citations

840585

11
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996849

15
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all docs

27
docs citations

27
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Interface Roughness, Particle Geometry, and Gradation on the Sand-Steel Interface Friction Angle. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	116
2	Shaft and base resistance of non-displacement piles in sand. <i>Computers and Geotechnics</i> , 2017, 83, 184-197.	2.3	53
3	Sulfate-induced degradation of cast-in-situ concrete influenced by magnesium. <i>Construction and Building Materials</i> , 2019, 199, 194-206.	3.2	37
4	Axial Resistance of Closed-Ended Steel-Pipe Piles Driven in Multilayered Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017, 143, .	1.5	36
5	Comparison of the load response of closed-ended and open-ended pipe piles driven in gravelly sand. <i>Acta Geotechnica</i> , 2019, 14, 1785-1803.	2.9	34
6	Axial resistance of open-ended pipe pile driven in gravelly sand. <i>Geotechnique</i> , 2020, 70, 138-152.	2.2	29
7	Nonlinear analyses of laterally loaded piles – A semi-analytical approach. <i>Computers and Geotechnics</i> , 2015, 70, 116-129.	2.3	23
8	Quantification of displacement and particle crushing around a penetrometer tip. <i>Geoscience Frontiers</i> , 2020, 11, 389-399.	4.3	18
9	Axial Resistance of Nondisplacement Pile Groups in Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	17
10	Energy-Based Solutions for Nondisplacement Piles Subjected to Lateral Loads. <i>International Journal of Geomechanics</i> , 2017, 17, .	1.3	16
11	Lateral Responses of a Model Pile in Biocemented Sand. <i>International Journal of Geomechanics</i> , 2021, 21, .	1.3	13
12	Laboratory Study of the Effect of Pile Surface Roughness on the Response of Soil and Non-Displacement Piles. , 2017, , .		12
13	Static Capacity of Closed-Ended Pipe Pile Driven in Gravelly Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	1.5	11
14	Validation of Pile Design Methods for Closed-Ended Driven Pipe Piles. , 2019, , .		9
15	Lateral load response of large-diameter monopiles in sand. <i>Geotechnique</i> , 2022, 72, 1035-1050.	2.2	8
16	Static and Dynamic Pile Load Tests on Closed-Ended Driven Pipe Pile. , 2018, , .		7
17	Finite-Element Analysis of the Lateral Load Response of Monopiles in Layered Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	1.5	7
18	Closure to –Effects of Interface Roughness, Particle Geometry, and Gradation on the Sand-Steel Interface Friction Angle–by Fei Han, Eshan Ganju, Rodrigo Salgado, and Monica Prezzi. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, 07019017.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Static Load Test on Open-Ended Pipe Pile Using Double-Wall Instrumentation. , 2020, , .		2
20	Experimental Study of Crushing in Cone Penetration Test in Silica Sand. , 2020, , .		1
21	Group Efficiencies for Design of Non-Displacement Pile Groups in Sand. , 2021, , .		1
22	The Axial Capacity of Closed-Ended Pipe Piles Driven in Gravelly Sands. , 2021, , .		1
23	Closure to "Static Capacity of Closed-Ended Pipe Pile Driven in Gravelly Sand" by Eshan Ganju, Fei Han, Monica Prezzi, and Rodrigo Salgado. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 07021015.	1.5	0
24	Monitoring of the Response of the Sagamore Parkway Bridge and its Foundations During a Live Load Test. Transportation Research Record, 2021, 2675, 358-366.	1.0	0