Monica Prezzi

List of Publications by Year
in descending order

50	1,631	331670 21	302126 39
papers	citations	h-index	g-index

53	53	53	1185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subgrade stabilisation mixtures with EAF steel slag: an experimental study followed by field implementation. International Journal of Pavement Engineering, 2022, 23, 1754-1767.	4.4	16
2	Lateral load response of large-diameter monopiles in sand. Geotechnique, 2022, 72, 1035-1050.	4.0	8
3	Finite-Element Analysis of the Lateral Load Response of Monopiles in Layered Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2022, 148, .	3.0	7
4	Experimental Study of the Effect of Two Base Geometries on the Resistance of Model Piles in Sand. , 2022, , .		0
5	Estimation of Optimal Spacing between CPT Soundings. , 2022, , .		0
6	Strain Influence Diagrams for Settlement Estimation of Square Footings on Layered Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2022, 148, .	3.0	5
7	Effect of Base Geometry on the Resistance of Model Piles in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	11
8	Closure to â€œStatic Capacity of Closed-Ended Pipe Pile Driven in Gravelly Sandâ€•by Eshan Ganju, Fei Han, Monica Prezzi, and Rodrigo Salgado. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 07021015.	3.0	0
9	Effect of particle characteristics on the evolution of particle size, particle morphology, and fabric of sands loaded under uniaxial compression. Acta Geotechnica, 2021, 16, 3489-3516.	5.7	16
10	Monitoring of the Response of the Sagamore Parkway Bridge and its Foundations During a Live Load Test. Transportation Research Record, 2021, 2675, 358-366.	1.9	0
11	Axial resistance of open-ended pipe pile driven in gravelly sand. Geotechnique, 2020, 70, 138-152.	4.0	29
12	Static Capacity of Closed-Ended Pipe Pile Driven in Gravelly Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	3.0	11
13	Comparison of the load response of closed-ended and open-ended pipe piles driven in gravelly sand. Acta Geotechnica, 2019, 14, 1785-1803.	5.7	34
14	Application of High-Resolution Terrestrial Laser Scanning to Monitor the Performance of Mechanically Stabilized Earth Walls with Precast Concrete Panels. Journal of Performance of Constructed Facilities, 2019, 33, .	2.0	10
15	Closure to â€œEffects of Interface Roughness, Particle Geometry, and Gradation on the Sandâ€“Steel Interface Friction Angleâ€•by Fei Han, Eshan Ganju, Rodrigo Salgado, and Monica Prezzi. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, 07019017.	3.0	6
16	Large-scale direct shear testing of geogrid-reinforced aggregate base over weak subgrade. International Journal of Pavement Engineering, 2019, 20, 649-658.	4.4	29
17	Experimental investigation of matric suction in compacted fine-grained soils. International Journal of Pavement Engineering, 2019, 20, 53-60.	4.4	5
18	Effect of Surface Roughness on the Shaft Resistance of Displacement Model Piles in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	3.0	64

#	Article	IF	Citations
19	Quality assurance and quality control of subgrade compaction using the dynamic cone penetrometer. International Journal of Pavement Engineering, 2018, 19, 966-975.	4.4	12
20	Physical Modeling of Cone Penetration in Layered Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	3.0	23
21	Experimental evaluation of EAF ladle steel slag as a geo-fill material: Mineralogical, physical & mechanical properties. Construction and Building Materials, 2017, 154, 23-33.	7.2	39
22	Energy-Based Solutions for Nondisplacement Piles Subjected to Lateral Loads. International Journal of Geomechanics, 2017, 17, .	2.7	16
23	Laboratory Study of the Effect of Pile Surface Roughness on the Response of Soil and Non-Displacement Piles. , 2017, , .		12
24	Axial Resistance of Closed-Ended Steel-Pipe Piles Driven in Multilayered Soil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, .	3.0	36
25	Compaction and Shear Strength Behavior of Fresh and Aged Basic Oxygen Furnace (BOF) Steel Slag. , 2016, , .		1
26	Analysis of Axial Loading of Pile Groups in Multilayered Elastic Soil. International Journal of Geomechanics, 2016, 16, .	2.7	16
27	Closure to â€œInstrumented Static Load Test on Rock-Socketed Micropileâ€•by Hoyoung Seo, Monica Prezzi, and Rodrigo Salgado. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2015, 141, 07015003.	3.0	1
28	Matric suction measurements of compacted subgrade soils. Road Materials and Pavement Design, 2015, 16, 358-378.	4.0	14
29	Closure to â€œShaft Resistance and Setup Factors for Piles Jacked in Clayâ€•by Prasenjit Basu, Monica Prezzi, Rodrigo Salgado, and Tanusree Chakraborty. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2015, 141, 07015005.	3.0	0
30	Geotechnical Properties of Fresh and Aged Basic Oxygen Furnace Steel Slag. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	63
31	Study on laterally loaded piles with rectangular and circular cross sections. Geomechanics and Geoengineering, 2015, 10, 139-152.	1.8	7
32	Response of Laterally Loaded Rectangular and Circular Piles in Soils with Properties Varying with Depth. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, .	3.0	14
33	Closure to â€œShaft Resistance of Drilled Shafts in Clayâ€•by Tanusree Chakraborty, Rodrigo Salgado, Prasenjit Basu, and MÃ´nica Prezzi. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, 07014015.	3.0	0
34	Shaft Resistance and Setup Factors for Piles Jacked in Clay. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, .	3.0	55
35	Modeling of Installation and Quantification of Shaft Resistance of Drilled-Displacement Piles in Sand. International Journal of Geomechanics, 2014, 14, 214-229.	2.7	25
36	Pullout Response of Uniaxial Geogrid in Tire Shredâ€“Sand Mixtures. Geotechnical and Geological Engineering, 2014, 32, 505-523.	1.7	32

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37	Instrumentation and axial load testing of displacement piles. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2014, 167, 238-252.	1.6	27
38	Variational elastic solution for axially loaded piles in multilayered soil. International Journal for Numerical and Analytical Methods in Geomechanics, 2013, 37, 423-440.	3.3	32
39	Instrumented Static Load Test on Rock-Socketed Micropile. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2013, 139, 2037-2047.	3.0	30
40	Shaft Resistance of Drilled Shafts in Clay. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2013, 139, 548-563.	3.0	13
41	A new framework for analysis of laterally loaded piles. Journal of Geo-Engineering Sciences, 2013, 1, 53-67.	0.3	5
42	Chemical, Mineralogical, and Morphological Properties of Steel Slag. Advances in Civil Engineering, 2011, 2011, 1-13.	0.7	357
43	Use of Recyclable Materials in Sustainable Civil Engineering Applications. Advances in Civil Engineering, 2011, 2011, 1-2.	0.7	8
44	Analysis of shaft resistance of jacked piles in sands. International Journal for Numerical and Analytical Methods in Geomechanics, 2011, 35, 1605-1635.	3.3	51
45	Interaction of Ribbed-Metal-Strip Reinforcement with Tire Shredâ€“Sand Mixtures. Geotechnical and Geological Engineering, 2010, 28, 147-163.	1.7	31
46	Load Testing of a Closed-Ended Pipe Pile Driven in Multilayered Soil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 463-473.	3.0	43
47	Construction of an Embankment with a Fly and Bottom Ash Mixture: Field Performance Study. Journal of Materials in Civil Engineering, 2009, 21, 271-278.	2.9	55
48	Assessment of the Axial Load Response of an H Pile Driven in Multilayered Soil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 1789-1804.	3.0	47
49	Strain Influence Diagrams for Settlement Estimation of Both Isolated and Multiple Footings in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 417-427.	3.0	30
50	Geotechnical Properties of Fly and Bottom Ash Mixtures for Use in Highway Embankments. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2005, 131, 914-924.	3.0	272