

Michael McVay

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

315
citations

1040056

9
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Sinkhole detection using 2D full seismic waveform tomography. <i>Geophysics</i> , 2013, 78, R175-R183.	2.6	104
2	Experimental study, numerical modeling of and axial prediction approach to base grouted drilled shafts in cohesionless soils. <i>Acta Geotechnica</i> , 2014, 9, 439-454.	5.7	47
3	Measured and Predicted Response of a New Jetted and Grouted Precast Pile with Membranes in Cohesionless Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 1334-1345.	3.0	40
4	Evaluation of Unknown Foundations Using Surface-Based Full Waveform Tomography. <i>Journal of Bridge Engineering</i> , 2016, 21, .	2.9	24
5	Full-scale coupled torsion and lateral response of mast arm drilled shaft foundations. <i>Canadian Geotechnical Journal</i> , 2016, 53, 1928-1938.	2.8	22
6	Suitability of jetted and grouted precast pile for supporting mast arm structures. <i>Canadian Geotechnical Journal</i> , 2017, 54, 1231-1244.	2.8	16
7	Experimental Group Behavior of Grouted Deep Foundations. <i>Geotechnical Testing Journal</i> , 2014, 37, 621-638.	1.0	16
8	Sinkhole detection with 3D full seismic waveform tomography. <i>Geophysics</i> , 2020, 85, B169-B179.	2.6	14
9	Estimating static tip resistance of driven piles with bottom pile instrumentation. <i>Canadian Geotechnical Journal</i> , 2012, 49, 381-393.	2.8	10
10	Measuring Rock Strength While Drilling Shafts Socketed into Florida Limestone. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, 04017121.	3.0	7
11	Approximate up-scaling of geo-spatial variables applied to deep foundation design. <i>Georisk</i> , 2011, 5, 163-172.	3.5	6
12	An Innovative Prefabricated Pile Installation Method Utilizing Jetting and Pressure Grouting. , 2010, , .		4
13	Full-Scale Axial Load Response of Jetted and Grouted Precast Piles in Cohesionless Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	3.0	2
14	Evaluation of Drilled Shaft Capacity Using Embedded Sensors and Statnamic Testing. <i>Journal of Bridge Engineering</i> , 2016, 21, 04016075.	2.9	1
15	Capacity evaluation of voided driven piles using embedded data collectors. <i>Canadian Geotechnical Journal</i> , 2017, 54, 1397-1407.	2.8	1
16	Case Studies of Rebounds on Long, Slender Piles. , 2019, , 640-650.		1
17	Evaluation of Existing Static Design Methods for Prediction of Large Diameter Open-End Pile Resistance. , 2021, , .		0
18	Operational Limits of Measuring while Drilling in Florida Limestone for Geotechnical Site Characterization. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, .	3.0	0