

Abouzar Sadrekarimi

List of Publications by Year in descending order

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papers

752
citations

567281

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all docs

39
docs citations

39
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle damage observed in ring shear tests on sands. Canadian Geotechnical Journal, 2010, 47, 497-515.	2.8	104
2	Shear Band Formation Observed in Ring Shear Tests on Sandy Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 366-375.	3.0	74
3	Development of a Light Weight Reactive Powder Concrete. Journal of Advanced Concrete Technology, 2004, 2, 409-417.	1.8	53
4	Liquefaction resistance of Fraser River sand improved by a microbially-induced cementation. Soil Dynamics and Earthquake Engineering, 2020, 131, 106034.	3.8	45
5	Cyclic resistance and liquefaction behavior of silt and sandy silt soils. Soil Dynamics and Earthquake Engineering, 2016, 83, 98-109.	3.8	44
6	Specimen size effects on behavior of loose sand in triaxial compression tests. Canadian Geotechnical Journal, 2015, 52, 732-746.	2.8	40
7	Yield strength ratios, critical strength ratios, and brittleness of sandy soils from laboratory tests. Canadian Geotechnical Journal, 2011, 48, 493-510.	2.8	35
8	Static and dynamic behavior of hunchbacked gravity quay walls. Soil Dynamics and Earthquake Engineering, 2008, 28, 99-117.	3.8	27
9	Influence of fines content on liquefied strength of silty sands. Soil Dynamics and Earthquake Engineering, 2013, 55, 108-119.	3.8	26
10	Effect of microbially induced cementation on the instability and critical state behaviours of Fraser River sand. Canadian Geotechnical Journal, 2020, 57, 1870-1880.	2.8	25
11	Static Liquefaction Analysis Considering Principal Stress Directions and Anisotropy. Geotechnical and Geological Engineering, 2016, 34, 1135-1154.	1.7	22
12	Effect of Sample-Preparation Method on Critical-State Behavior of Sands. Geotechnical Testing Journal, 2012, 35, 104317.	1.0	22
13	Effect of the Mode of Shear on Static Liquefaction Analysis. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, .	3.0	21
14	Accuracy of determining pre-consolidation pressure from laboratory tests. Canadian Geotechnical Journal, 2017, 54, 441-450.	2.8	21
15	Biochar-assisted bio-cementation of a sand using native bacteria. Bulletin of Engineering Geology and the Environment, 2021, 80, 4967-4984.	3.5	19
16	Influence of state and compressibility on liquefied strength of sands. Canadian Geotechnical Journal, 2013, 50, 1067-1076.	2.8	14
17	Dynamic Behavior of Granular Soils at Shallow Depths from 1 g Shaking Table Tests. Journal of Earthquake Engineering, 2013, 17, 227-252.	2.5	14
18	Effect of triaxial specimen size on engineering design and analysis. International Journal of Geo-Engineering, 2015, 6, 1.	2.1	14

#	ARTICLE	IF	CITATIONS
19	Evaluation of CPT-based characterization methods for loose to medium-dense sands. <i>Soils and Foundations</i> , 2016, 56, 460-472.	3.1	14
20	Static Liquefaction Analysis of the Fundão Dam Failure. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 6431-6446.	1.7	14
21	Static liquefaction behaviour of gold mine tailings. <i>Canadian Geotechnical Journal</i> , 2021, 58, 889-901.	2.8	14
22	Seismic Displacement of Broken-Back Gravity Quay Walls. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2011, 137, 75-84.	1.2	13
23	Sand-sand and sand-steel interface grain-scale behavior under shearing. <i>Transportation Geotechnics</i> , 2021, 30, 100636.	4.5	11
24	Forewarning of Static Liquefaction Landslides. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, 04020090.	3.0	10
25	Pseudo-static lateral earth pressures on broken-back retaining walls. <i>Canadian Geotechnical Journal</i> , 2010, 47, 1247-1258.	2.8	9
26	Compressibility and monotonic shearing behaviour of Toronto peat. <i>Engineering Geology</i> , 2020, 278, 105822.	6.3	9
27	Instability of a Gold Mine Tailings Subjected to Different Stress Paths. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	3.0	8
28	An Experimental Study on Effect of Boundary Condition on Particle Damage in Shear Zone of Crushed Sand. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9546-9561.	3.4	7
29	Blind comparison of non-invasive shear wave velocity profiling with invasive methods at bridge sites in Windsor, Ontario. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 129, 105906.	3.8	7
30	Undrained shearing behaviour of oil sands tailings. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 161, 107410.	3.8	6
31	Instability of gold mine tailings subjected to undrained and drained unloading stress paths. <i>Geotechnique</i> , 2024, 74, 174-192.	4.0	4
32	Dynamic Properties of Granulated Rubber Using Different Laboratory Tests. <i>Buildings</i> , 2021, 11, 186.	3.1	3
33	Influence of Specimen Size in Engineering Practice. , 2014, , .		1
34	Reply to the discussion by Kootahi on "Accuracy of determining pre-consolidation pressure from laboratory tests". <i>Canadian Geotechnical Journal</i> , 2017, 54, 1799-1801.	2.8	1
35	Reviewing Earthquake Site Classification Methods at Ontario Highway Sites. <i>Journal of Earthquake Engineering</i> , 2023, 27, 59-83.	2.5	1
36	Closure to "Forewarning of Static Liquefaction Landslides" by Abouzar Sadrekarimi. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, 07021021.	3.0	0

#	ARTICLE	IF	CITATIONS
37	Laboratory-scale Seismic CPT Tests on Fraser River Sand. Canadian Geotechnical Journal, 0, , .	2.8	0
38	Verification of Seismic Cone Penetration Test Calibration Chamber Tests on a Sand. Geotechnical Testing Journal, 2022, 45, 468-489.	1.0	0
39	Effects of surfactant on the consolidation and shear strength of synthetic clay soils. Bulletin of Engineering Geology and the Environment, 2022, 81, .	3.5	0