

Mostefa Belkhatir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7516495/publications.pdf>

Version: 2024-02-01

43
papers

719
citations

623188

14
h-index

642321

23
g-index

43
all docs

43
docs citations

43
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the overall regularity and related granulometric characteristics on the critical state soil mechanics of natural sands: a state-of-the-art review. <i>Geomechanics and Geoengineering</i> , 2023, 18, 299-308.	0.9	16
2	Characterization of mechanical behavior of binary granular assemblies through the equivalent void ratio and equivalent state parameter. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 2869-2897.	1.0	14
3	Predicting the saturated hydraulic conductivity of particulate assemblies based on active fraction of fines and particle-size disparity parameters. <i>Geomechanics and Geoengineering</i> , 2022, 17, 809-821.	0.9	4
4	Influence of the Particle Size on the Flow Potential and Friction Index of Partially Saturated Sandy Soils. <i>Transportation Infrastructure Geotechnology</i> , 2022, 9, 606-630.	1.9	11
5	Friction and maximum dilatancy angles of granular soils incorporating low plastic fines and depositional techniques effects. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 7503-7525.	1.0	12
6	Characterization of Granular Materials Treated with Fly Ash for Road Infrastructure Applications. <i>Transportation Infrastructure Geotechnology</i> , 2021, 8, 228-253.	1.9	17
7	Assessment of the correlation between grain angularity parameter and friction index of sand containing low plastic fines. <i>Geomechanics and Geoengineering</i> , 2021, 16, 133-149.	0.9	13
8	Shear characteristics of fly ash improved sand as an embankment material for road infrastructure purpose. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	1.1	16
9	Packing Density and Overconsolidation Ratio Effects on the Mechanical Response of Granular Soils. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 723-742.	0.8	13
10	Experimental investigation of the influence of relative effective diameter on the ultimate shear strength of partially saturated granular soils. <i>Acta Geotechnica Slovenica</i> , 2020, 17, 56-70.	0.3	8
11	Evaluation of hydraulic conductivity through particle shape and packing density characteristics of sand-silt mixtures. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 1175-1187.	1.2	18
12	Effects of gradation on the mobilized friction angle for the instability and steady states of sand-silt mixtures: experimental evidence. <i>Acta Geotechnica Slovenica</i> , 2019, 16, 79-95.	0.3	8
13	Laboratory study on undrained shear behaviour of overconsolidated sand-silt mixtures: effect of the fines content and stress state. <i>International Journal of Geotechnical Engineering</i> , 2018, 12, 118-132.	1.1	26
14	Experimental characterization of the undrained instability and steady state of silty sand soils under monotonic loading conditions. <i>International Journal of Geotechnical Engineering</i> , 2018, 12, 513-529.	1.1	19
15	Experimental Investigation into the Influence of Roundness and Sphericity on the Undrained Shear Response of Silty Sand Soils. <i>Geotechnical Testing Journal</i> , 2018, 41, 619-633.	0.5	20
16	Influence of Soil Fabrics and Stress State on the Undrained Instability of Overconsolidated Binary Granular Assemblies. <i>Studia Geotechnica Et Mechanica</i> , 2018, 40, 96-116.	0.2	12
17	Evaluation of Static Liquefaction Characteristics of Saturated Loose Sand Through the Mean Grain Size and Extreme Grain Sizes. <i>Geotechnical and Geological Engineering</i> , 2017, 35, 2079-2105.	0.8	13
18	Saturation Effect on Behaviour of Sandy Soil Under Monotonic and Cyclic Loading: A Laboratory Investigation. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 347-358.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Insight into the Effect of Granulometric Characteristics on the Static Liquefaction Susceptibility of Silty Sand Soils. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 367-382.	0.8	40
20	Behavior of Loose Silty Sand of Chlef River: Effect of Low Plastic Fine Contents and Other Parameters. <i>Marine Georesources and Geotechnology</i> , 2016, 34, 384-394.	1.2	12
21	Undrained Monotonic Response and Instability of Medium-Dense Sandy Soil. <i>Marine Georesources and Geotechnology</i> , 2015, 33, 487-495.	1.2	15
22	Laboratory Study on the Hydraulic Conductivity and Pore Pressure of Sand-Silt Mixtures. <i>Marine Georesources and Geotechnology</i> , 2014, 32, 106-122.	1.2	14
23	Laboratory assessment of saturation and sample molding effects on shear resistance and mechanical characteristics of sandy soil. <i>Arabian Journal of Geosciences</i> , 2014, 7, 2969-2980.	0.6	4
24	Effect of fabric method on instability behavior of granular material. <i>Acta Mechanica</i> , 2014, 225, 2043-2057.	1.1	14
25	Experimental Study on the Pore Water Pressure Generation Characteristics of Saturated Silty Sands. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 6055-6067.	1.1	11
26	Insight into the Effects of Gradation on the Pore Pressure Generation of Sand-Silt Mixtures. <i>Geotechnical Testing Journal</i> , 2014, 37, 20130051.	0.5	25
27	Effect of fines content and void ratio on the saturated hydraulic conductivity and undrained shear strength of sand-silt mixtures. <i>Environmental Earth Sciences</i> , 2013, 70, 2469-2479.	1.3	81
28	Undrained shear strength response under monotonic loading of Chlef (Algeria) sandy soil. <i>Arabian Journal of Geosciences</i> , 2013, 6, 615-623.	0.6	12
29	Laboratory Investigation into the Effects of Silty Fines on Liquefaction Susceptibility of Chlef (Algeria) Sandy Soils. <i>Geotechnical and Geological Engineering</i> , 2013, 31, 279-296.	0.8	12
30	Undrained behavior of silty sand: effect of the overconsolidation ratio. <i>Arabian Journal of Geosciences</i> , 2013, 6, 297-307.	0.6	17
31	Experimental Study of Undrained Shear Strength of Silty Sand: Effect of Fines and Gradation. <i>Geotechnical and Geological Engineering</i> , 2012, 30, 1103-1118.	0.8	34
32	UNDRAINED MONOTONIC PORE PRESSURE RESPONSE OF SATURATED SILTY SAND SOILS. <i>Special Topics and Reviews in Porous Media</i> , 2012, 3, 257-270.	0.6	0
33	Laboratory Investigation on the Effects of Overconsolidation and Saturation on Undrained Monotonic Shear Behavior of Granular Material. <i>Marine Georesources and Geotechnology</i> , 2011, 29, 218-229.	1.2	3
34	The undrained shear strength characteristics of silty sand: an experimental study of the effect of fines. <i>Geologia Croatica</i> , 2011, 64, 31-39.	0.3	8
35	Laboratory study on the liquefaction resistance of sand-silt mixtures: effect of grading characteristics. <i>Granular Matter</i> , 2011, 13, 599-609.	1.1	73
36	Static liquefaction of sandy soil: An experimental investigation into the effects of saturation and initial state. <i>Acta Mechanica</i> , 2011, 218, 175-186.	1.1	17

#	ARTICLE	IF	CITATIONS
37	Influence of specimen-reconstituting method on the undrained response of loose granular soil under static loading. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2011, 27, 796-802.	1.5	12
38	Undrained shear strength of sand-silt mixture: Effect of intergranular void ratio and other parameters. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 1335-1342.	0.9	16
39	A laboratory study of the initial structure and the overconsolidation effects on the undrained monotonic behavior of sandy soil from Chlef region in northern Algeria. <i>Arabian Journal of Geosciences</i> , 2011, 4, 983-991.	0.6	9
40	Drained and undrained shear strength of silty sand: effect of the reconstruction methods and other parameters. <i>Geologia Croatica</i> , 2011, 64, 163-171.	0.3	4
41	Experimental study of the overconsolidation and saturation effects on the mechanical characteristics and residual strength of Chlef river sandy soil. <i>Periodica Polytechnica: Civil Engineering</i> , 2010, 54, 107.	0.6	6
42	Identification of the behavior of the Chlef sand to static liquefaction. <i>Comptes Rendus - Mecanique</i> , 2009, 337, 282-290.	2.1	20
43	Comprehensive laboratory study on stress-strain of granular soils at constant global void ratio: combined effects of fabrics and silt content. <i>Acta Geotechnica</i> , 0, , 1.	2.9	5