

Mehdi Veiskarami

List of Publications by Year in descending order

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43
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Bearing Capacity of Strip Footings on Anisotropic Soils by the Finite Elements and Linear Programming. International Journal of Geomechanics, 2017, 17, .	2.7	59
2	Effect of the Flow Rule on the Bearing Capacity of Strip Foundations on Sand by the Upper-Bound Limit Analysis and Slip Lines. International Journal of Geomechanics, 2014, 14, .	2.7	53
3	Limit Analysis of Modified Pseudodynamic Lateral Earth Pressure in Anisotropic Frictional Medium Using Finite-Element and Second-Order Cone Programming. International Journal of Geomechanics, 2021, 21, .	2.7	49
4	A Study on the Static and Seismic Earth Pressure Problems in Anisotropic Granular Media. Geotechnical and Geological Engineering, 2019, 37, 1987-2005.	1.7	34
5	End-bearing capacity of driven piles in sand using the stress characteristics method: analysis and implementation. Canadian Geotechnical Journal, 2011, 48, 1570-1586.	2.8	26
6	An estimate of the bearing capacity of shallow foundations on anisotropic soil by limit equilibrium and soft computing technique. Geomechanics and Geoengineering, 2019, 14, 202-217.	1.8	26
7	Bearing Capacity of Strip Footings Adjacent to Anisotropic Slopes Using the Lower Bound Finite Element Method. International Journal of Geomechanics, 2020, 20, .	2.7	21
8	Stability of sheet-pile walls subjected to seepage flow by slip lines and finite elements. Geotechnique, 2014, 64, 759-775.	4.0	20
9	Effect of stress level on the bearing capacity factor, $N_{\hat{1}^3}$, by the ZEL method. KSCE Journal of Civil Engineering, 2010, 14, 709-723.	1.9	19
10	Seismic bearing capacity of shallow foundations rested on anisotropic deposits. International Journal of Geotechnical Engineering, 2021, 15, 181-192.	2.0	19
11	Bearing capacity factor, $N_{\hat{1}^3}$, for unsaturated soils by ZEL method. Acta Geotechnica, 2010, 5, 177-188.	5.7	15
12	Bearing capacity of foundations subjected to groundwater flow. Geomechanics and Geoengineering, 2012, 7, 293-301.	1.8	12
13	A statistical method for assessment of the existing correlations of hydrate forming conditions. Journal of Energy Chemistry, 2015, 24, 93-100.	12.9	11
14	Multi-Objective Hydraulic Optimization of Diversion Dam's Cut-Off. Water Resources Management, 2018, 32, 3723-3736.	3.9	11
15	A Study on the Effect of Cement Treatment on the Behavior of EPS Composite Soils. Geotechnical and Geological Engineering, 2020, 38, 5475-5487.	1.7	11
16	Foundations bearing capacity subjected to seepage by the kinematic approach of the limit analysis. Frontiers of Structural and Civil Engineering, 2013, 7, 446-455.	2.9	10
17	Bifurcation Analysis in Sands under True Triaxial Conditions with Coaxial and Noncoaxial Plastic Flow Rules. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	9
18	CPT-Based Investigation for Pile Toe and Shaft Resistances Distribution. Geotechnical and Geological Engineering, 2017, 35, 2891-2905.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Closure to "Bearing Capacity of Strip Footings on Anisotropic Soils by the Finite Elements and Linear Programming" by Mehdi Veiskarami, Reza Jamshidi Chenari, and Amir Arsalan Jameei. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	9
20	Load-Displacement Behavior of Driven Piles in Sand Using CPT-Based Stress and Strain Fields. <i>International Journal of Civil Engineering</i> , 2019, 17, 1879-1893.	2.0	9
21	Prediction of the bearing capacity and load-displacement behavior of shallow foundations by the stress-level-based ZEL method. <i>Scientia Iranica</i> , 2011, 18, 16-27.	0.4	8
22	Development of a constitutive model for rockfills and similar granular materials based on the disturbed state concept. <i>Frontiers of Structural and Civil Engineering</i> , 2012, 6, 365-378.	2.9	8
23	A Numerical and Analytical Study on the Bearing Capacity of Two Neighboring Shallow Strip Foundations on Sand. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2019, 43, 591-602.	1.9	7
24	Localization of Deformation in Anisotropic Granular Materials Utilizing the Microstructure Tensor. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	7
25	Study on the Shear Band Thickness in Classical Continua by a Decomposed Deformation Field for Granular Materials. <i>Journal of Engineering Mechanics - ASCE</i> , 2019, 145, .	2.9	6
26	Numerical study on static and seismic stability of breakwaters on soft granular marine deposits against deep failure. <i>Marine Georesources and Geotechnology</i> , 2017, 35, 42-51.	2.1	5
27	Bearing capacity of non-associative coaxial granular materials by upper bound limit analysis and finite elements. <i>Geomechanics and Geoengineering</i> , 2017, 12, 153-168.	1.8	5
28	Effect of Foundation Size and Roughness on the Bearing Capacity Factor, $N_{\hat{3}}$, by Stress Level-Based ZEL Method. <i>Arabian Journal for Science and Engineering</i> , 2012, 37, 1817-1831.	1.1	4
29	Dynamic earth pressure on rigid retaining walls induced by a neighboring machine foundation, by the meshless local Petrov-Galerkin method. <i>Earthquake Engineering and Engineering Vibration</i> , 2015, 14, 647-661.	2.3	4
30	An Investigation on the Settlement of Shallow Foundations Resting on Cross-Anisotropic Soil Deposits. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021, 45, 1769-1790.	1.9	4
31	Application of the ZEL method in the prediction of foundation bearing capacity considering the stress level effect. <i>Soil Mechanics and Foundation Engineering</i> , 2010, 47, 75-85.	0.7	3
32	Stress level based bearing capacity of foundations: Verification of results with 131 case studies. <i>KSCE Journal of Civil Engineering</i> , 2012, 16, 723-732.	1.9	3
33	Prediction of hydrate formation temperature based on an improved empirical correlation by imperialist competitive algorithm. <i>Petroleum Science and Technology</i> , 2016, 34, 162-169.	1.5	3
34	A Note on the Effect of Intermediate Principal Stress on the Onset of Strain Localization in Granular Soils. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2017, 41, 429-432.	1.9	3
35	Bearing Capacity Failure of Supported Cuts in the Presence of Seepage Flow by Coupled Finite Elements and Stress Characteristics Method. <i>International Journal of Civil Engineering</i> , 2020, 18, 817-825.	2.0	3
36	Stability of Supported Vertical Cuts in Granular Matters in Presence of the Seepage Flow by a Semi-Analytical Approach. <i>Scientia Iranica</i> , 2017, 24, 537-550.	0.4	3

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37	Greenâ€™s function for the deflection of non-prismatic simply supported beams by an analytical approach. <i>Estonian Journal of Engineering</i> , 2012, 18, 336.	0.4	1
38	A Note on Deep Seated Failures in Supported Vertical Cuts in Sands below the Groundwater Table by a Coupled Numerical-Analytical Method. , 2017, , .		0
39	A numerical study on the behaviour of foundations resting on fibre reinforced soils using an innovative enhanced soil-fibre finite element. <i>Geomechanics and Geoengineering</i> , 2022, 17, 613-629.	1.8	0
40	CPT-Based Approach to Study the Load-Displacement Behavior of Driven Piles by the New Method of Stress Characteristics. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018, , 1036-1040.	0.1	0
41	A Study on the Seismic Passive Earth Pressure on Rigid Retaining Walls Considering Seismic Acceleration Field. <i>Journal of Earthquake Engineering</i> , 2023, 27, 2013-2033.	2.5	0