

Mehdi Veiskarami

List of Publications by Year in descending order

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41
papers

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times ranked

226
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Seismic bearing capacity of shallow foundations rested on anisotropic deposits. <i>International Journal of Geotechnical Engineering</i> , 2021, 15, 181-192. | 2.0 | 19 |
| 4 | 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 |
| 5 | Limit Analysis of Modified Pseudodynamic Lateral Earth Pressure in Anisotropic Frictional Medium Using Finite-Element and Second-Order Cone Programming. <i>International Journal of Geomechanics</i> , 2021, 21, . | 2.7 | 49 |
| 6 | Localization of Deformation in Anisotropic Granular Materials Utilizing the Microstructure Tensor. <i>International Journal of Geomechanics</i> , 2021, 21, . | 2.7 | 7 |
| 7 | Bearing Capacity of Strip Footings Adjacent to Anisotropic Slopes Using the Lower Bound Finite Element Method. <i>International Journal of Geomechanics</i> , 2020, 20, . | 2.7 | 21 |
| 8 | 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 |
| 9 | A Study on the Effect of Cement Treatment on the Behavior of EPS Composite Soils. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 5475-5487. | 1.7 | 11 |
| 10 | 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 |
| 11 | 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 |
| 12 | An estimate of the bearing capacity of shallow foundations on anisotropic soil by limit equilibrium and soft computing technique. <i>Geomechanics and Geoengineering</i> , 2019, 14, 202-217. | 1.8 | 26 |
| 13 | A Study on the Static and Seismic Earth Pressure Problems in Anisotropic Granular Media. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 1987-2005. | 1.7 | 34 |
| 14 | 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 |
| 15 | 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 |
| 16 | Multi-Objective Hydraulic Optimization of Diversion Dam's Cut-Off. <i>Water Resources Management</i> , 2018, 32, 3723-3736. | 3.9 | 11 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | A Note on Deep Seated Failures in Supported Vertical Cuts in Sands below the Groundwater Table by a Coupled Numerical-Analytical Method. , 2017, , . | | 0 |
| 20 | Bearing Capacity of Strip Footings on Anisotropic Soils by the Finite Elements and Linear Programming. International Journal of Geomechanics, 2017, 17, . | 2.7 | 59 |
| 21 | A Note on the Effect of Intermediate Principal Stress on the Onset of Strain Localization in Granular Soils. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2017, 41, 429-432. | 1.9 | 3 |
| 22 | Bearing capacity of non-associative coaxial granular materials by upper bound limit analysis and finite elements. Geomechanics and Geoengineering, 2017, 12, 153-168. | 1.8 | 5 |
| 23 | 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 |
| 24 | CPT-Based Investigation for Pile Toe and Shaft Resistances Distribution. Geotechnical and Geological Engineering, 2017, 35, 2891-2905. | 1.7 | 9 |
| 25 | Stability of Supported Vertical Cuts in Granular Matters in Presence of the Seepage Flow by a Semi-Analytical Approach. Scientia Iranica, 2017, 24, 537-550. | 0.4 | 3 |
| 26 | Prediction of hydrate formation temperature based on an improved empirical correlation by imperialist competitive algorithm. Petroleum Science and Technology, 2016, 34, 162-169. | 1.5 | 3 |
| 27 | Dynamic earth pressure on rigid retaining walls induced by a neighboring machine foundation, by the meshless local Petrov-Galerkin method. Earthquake Engineering and Engineering Vibration, 2015, 14, 647-661. | 2.3 | 4 |
| 28 | A statistical method for assessment of the existing correlations of hydrate forming conditions. Journal of Energy Chemistry, 2015, 24, 93-100. | 12.9 | 11 |
| 29 | Stability of sheet-pile walls subjected to seepage flow by slip lines and finite elements. Geotechnique, 2014, 64, 759-775. | 4.0 | 20 |
| 30 | 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 |
| 31 | 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 |
| 32 | Greenâ€™s function for the deflection of non-prismatic simply supported beams by an analytical approach. Estonian Journal of Engineering, 2012, 18, 336. | 0.4 | 1 |
| 33 | Bearing capacity of foundations subjected to groundwater flow. Geomechanics and Geoengineering, 2012, 7, 293-301. | 1.8 | 12 |
| 34 | Effect of Foundation Size and Roughness on the Bearing Capacity Factor, $N_{\hat{\beta}}$, by Stress Level-Based ZEL Method. Arabian Journal for Science and Engineering, 2012, 37, 1817-1831. | 1.1 | 4 |
| 35 | Development of a constitutive model for rockfills and similar granular materials based on the disturbed state concept. Frontiers of Structural and Civil Engineering, 2012, 6, 365-378. | 2.9 | 8 |
| 36 | Stress level based bearing capacity of foundations: Verification of results with 131 case studies. KSCE Journal of Civil Engineering, 2012, 16, 723-732. | 1.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | Prediction of the bearing capacity and load–displacement behavior of shallow foundations by the stress-level-based ZEL method. Scientia Iranica, 2011, 18, 16-27. | 0.4 | 8 |
| 39 | Effect of stress level on the bearing capacity factor, $N_{\hat{\sigma}^3}$, by the ZEL method. KSCE Journal of Civil Engineering, 2010, 14, 709-723. | 1.9 | 19 |
| 40 | Bearing capacity factor, $N_{\hat{\sigma}^3}$, for unsaturated soils by ZEL method. Acta Geotechnica, 2010, 5, 177-188. | 5.7 | 15 |
| 41 | Application of the ZEL method in the prediction of foundation bearing capacity considering the stress level effect. Soil Mechanics and Foundation Engineering, 2010, 47, 75-85. | 0.7 | 3 |