

Behnam Ghorbani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

219
citations

10
h-index

14
g-index

17
ext. papers

297
ext. citations

3.8
avg, IF

4.14
L-index

#	Paper	IF	Citations
17	Experimental and ANN analysis of temperature effects on the permanent deformation properties of demolition wastes. <i>Transportation Geotechnics</i> , 2020 , 24, 100365	4	26
16	Numerical ANFIS-Based Formulation for Prediction of the Ultimate Axial Load Bearing Capacity of Piles Through CPT Data. <i>Geotechnical and Geological Engineering</i> , 2018 , 36, 2057-2076	1.5	26
15	Development of genetic-based models for predicting the resilient modulus of cohesive pavement subgrade soils. <i>Soils and Foundations</i> , 2020 , 60, 398-412	2.9	22
14	Experimental investigation and modelling the deformation properties of demolition wastes subjected to freeze-thaw cycles using ANN and SVR. <i>Construction and Building Materials</i> , 2020 , 258, 119688	6.7	22
13	Numerical formulation of confined compressive strength and strain of circular reinforced concrete columns using gene expression programming approach. <i>Structural Concrete</i> , 2018 , 19, 783-794	2.6	19
12	Towards application of linear genetic programming for indirect estimation of the resilient modulus of pavements subgrade soils. <i>Road Materials and Pavement Design</i> , 2018 , 19, 139-153	2.6	16
11	Dynamic characterization of recycled glass-recycled concrete blends using experimental analysis and artificial neural network modeling. <i>Soil Dynamics and Earthquake Engineering</i> , 2021 , 142, 106544	3.5	16
10	Thermal and mechanical properties of demolition wastes in geothermal pavements by experimental and machine learning techniques. <i>Construction and Building Materials</i> , 2021 , 280, 122499	6.7	16
9	Use of adaptive neuro-fuzzy inference system and gene expression programming methods for estimation of the bearing capacity of rock foundations. <i>Engineering Computations</i> , 2018 , 35, 2078-2106	1.4	15
8	Shakedown analysis of PET blends with demolition waste as pavement base/subbase materials using experimental and neural network methods. <i>Transportation Geotechnics</i> , 2021 , 27, 100481	4	14
7	New empirical formulations for indirect estimation of peak-confined compressive strength and strain of circular RC columns using LGP method. <i>Engineering With Computers</i> , 2018 , 34, 865-880	4.5	8
6	Thermal performance of geothermal pavements constructed with demolition wastes. <i>Geomechanics for Energy and the Environment</i> , 2021 , 28, 100253	3.7	6
5	Predictive modelling of the MR of subgrade cohesive soils incorporating CPT-related parameters through a soft-computing approach. <i>Road Materials and Pavement Design</i> , 2020 , 21, 701-719	2.6	5
4	Resilient moduli of demolition wastes in geothermal pavements: Experimental testing and ANFIS modelling. <i>Transportation Geotechnics</i> , 2021 , 29, 100592	4	4
3	Hybrid Formulation of Resilient Modulus for Cohesive Subgrade Soils Utilizing CPT Test Parameters. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 06020011	3	3
2	Thermal and mechanical characteristics of recycled concrete aggregates mixed with plastic wastes: experimental investigation and mathematical modeling. <i>Acta Geotechnica</i> , 1	4.9	1
1	Strength and permanent deformation properties of demolition wastes, glass, and plastics stabilized with foamed bitumen for pavement bases. <i>Construction and Building Materials</i> , 2022 , 320, 126108	6.7	0

