Behnam Ghorbani

List of Publications by Year in Descending Order

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