Behnam Ghorbani

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6535560/publications.pdf

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17	371	840585 11	887953 17
papers	citations	h-index	g-index

17	17	17	268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of genetic-based models for predicting the resilient modulus of cohesive pavement subgrade soils. Soils and Foundations, 2020, 60, 398-412.	1.3	46
2	Experimental investigation and modelling the deformation properties of demolition wastes subjected to freezeâ€“thaw cycles using ANN and SVR. Construction and Building Materials, 2020, 258, 119688.	3.2	40
3	Experimental and ANN analysis of temperature effects on the permanent deformation properties of demolition wastes. Transportation Geotechnics, 2020, 24, 100365.	2.0	40
4	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.	0.8	36
5	Numerical formulation of confined compressive strength and strain of circular reinforced concrete columns using gene expression programming approach. Structural Concrete, 2018, 19, 783-794.	1.5	30
6	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.	2.0	26
7	Dynamic characterization of recycled glass-recycled concrete blends using experimental analysis and artificial neural network modeling. Soil Dynamics and Earthquake Engineering, 2021, 142, 106544.	1.9	23
8	Thermal and mechanical properties of demolition wastes in geothermal pavements by experimental and machine learning techniques. Construction and Building Materials, 2021, 280, 122499.	3.2	23
9	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.	0.7	22
10	Shakedown analysis of PET blends with demolition waste as pavement base/subbase materials using experimental and neural network methods. Transportation Geotechnics, 2021, 27, 100481.	2.0	19
11	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.	3.5	12
12	Resilient moduli of demolition wastes in geothermal pavements: Experimental testing and ANFIS modelling. Transportation Geotechnics, 2021, 29, 100592.	2.0	11
13	Thermal performance of geothermal pavements constructed with demolition wastes. Geomechanics for Energy and the Environment, 2021, 28, 100253.	1.2	11
14	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.	3.2	11
15	Predictive modelling of the M_R of subgrade cohesive soils incorporating CPT-related parameters through a soft-computing approach. Road Materials and Pavement Design, 2020, 21, 701-719.	2.0	9
16	Thermal and mechanical characteristics of recycled concrete aggregates mixed with plastic wastes: experimental investigation and mathematical modeling. Acta Geotechnica, 2022, 17, 3017-3032.	2.9	9
17	Hybrid Formulation of Resilient Modulus for Cohesive Subgrade Soils Utilizing CPT Test Parameters. Journal of Materials in Civil Engineering, 2020, 32, 06020011.	1.3	3