

# Ehsan Sadrossadat

## 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

259  
citations

10  
h-index

16  
g-index

17  
ext. papers

338  
ext. citations

3.3  
avg, IF

3.74  
L-index

#	Paper	IF	Citations
17	Prediction of the resilient modulus of flexible pavement subgrade soils using adaptive neuro-fuzzy inference systems. <i>Construction and Building Materials</i> , <b>2016</b> , 123, 235-247	6.7	47
16	Explicit formulation of bearing capacity of shallow foundations on rock masses using artificial neural networks: application and supplementary studies. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 3417-3431	2.9	31
15	Numerical ANFIS-Based Formulation for Prediction of the Ultimate Axial Load Bearing Capacity of Piles Through CPT Data. <i>Geotechnical and Geological Engineering</i> , <b>2018</b> , 36, 2057-2076	1.5	26
14	New design equations for estimation of ultimate bearing capacity of shallow foundations resting on rock masses. <i>Geoscience Frontiers</i> , <b>2016</b> , 7, 91-99	6	26
13	Indirect estimation of the ultimate bearing capacity of shallow foundations resting on rock masses. <i>International Journal of Rock Mechanics and Minings Sciences</i> , <b>2015</b> , 80, 107-117	6	23
12	Numerical formulation of confined compressive strength and strain of circular reinforced concrete columns using gene expression programming approach. <i>Structural Concrete</i> , <b>2018</b> , 19, 783-794	2.6	19
11	Towards application of linear genetic programming for indirect estimation of the resilient modulus of pavements subgrade soils. <i>Road Materials and Pavement Design</i> , <b>2018</b> , 19, 139-153	2.6	16
10	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> , <b>2018</b> , 35, 2078-2106	1.4	15
9	Multi-objective mixture design of cemented paste backfill using particle swarm optimisation algorithm. <i>Minerals Engineering</i> , <b>2020</b> , 153, 106385	4.9	12
8	A NEW DESIGN EQUATION FOR PREDICTION OF ULTIMATE BEARING CAPACITY OF SHALLOW FOUNDATION ON GRANULAR SOILS. <i>Journal of Civil Engineering and Management</i> , <b>2014</b> , 19, S78-S90	3	10
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> , <b>2018</b> , 34, 865-880	4.5	8
6	An Evolutionary-Based Prediction Model of the 28-Day Compressive Strength of High-Performance Concrete Containing Cementitious Materials. <i>Advances in Civil Engineering Materials</i> , <b>2019</b> , 8, 20190016	0.7	6
5	The Optimization of Cemented Hydraulic Backfill Mixture Design Parameters for Different Strength Conditions Using Artificial Intelligence Algorithms. <i>Springer Series in Geomechanics and Geoengineering</i> , <b>2020</b> , 219-227	0.1	5
4	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> , <b>2020</b> , 21, 701-719	2.6	5
3	Development of ECO-UHPC utilizing gold mine tailings as quartz sand alternative. <i>Cleaner Engineering and Technology</i> , <b>2021</b> , 4, 100176	2.7	5
2	Multi-objective mixture design and optimisation of steel fiber reinforced UHPC using machine learning algorithms and metaheuristics. <i>Engineering With Computers</i> , 1	4.5	4
1	An engineered ML model for prediction of the compressive strength of Eco-SCC based on type and proportions of materials. <i>Cleaner Materials</i> , <b>2022</b> , 100072		1

