Abbas Abbaszadeh Shahri

List of Publications by Citations

29 papers	448 citations	12 h-index	21 g-index
36 ext. papers	624 ext. citations	2.9 avg, IF	5.03 L-index

#	Paper	IF	Citations
29	Landslide susceptibility hazard map in southwest Sweden using artificial neural network. *Catena*, **2019**, 183, 104225	5.8	60
28	Updating the neural network sediment load models using different sensitivity analysis methods: a regional application. *Journal of Hydroinformatics*, **2020**, 22, 562-577	2.6	58
27	An artificial neural network based model to predict spatial soil type distribution using piezocone penetration test data (CPTu). *Bulletin of Engineering Geology and the Environment*, **2019**, 78, 4579-4588	4	39
26	Prediction of Uniaxial Compressive Strength of Different Quarried Rocks Using Metaheuristic Algorithm. *Arabian Journal for Science and Engineering*, **2019**, 44, 8645-8659	2.5	37
25	An Optimized Artificial Neural Network Structure to Predict Clay Sensitivity in a High Landslide Prone Area Using Piezocone Penetration Test (CPTu) Data: A Case Study in Southwest of Sweden. *Geotechnical and Geological Engineering*, **2016**, 34, 745-758	1.5	31
24	Updated relations for the uniaxial compressive strength of marlstones based on P-wave velocity and point load index test. *Innovative Infrastructure Solutions*, **2016**, 1, 1	2.3	27
23	Soil classification analysis based on piezocone penetration test data – A case study from a quick-clay landslide site in southwestern Sweden. *Engineering Geology*, **2015**, 189, 32-47	6	25
22	Optimized developed artificial neural network-based models to predict the blast-induced ground vibration. *Innovative Infrastructure Solutions*, **2018**, 3, 1	2.3	24
21	Assessment and Prediction of Liquefaction Potential Using Different Artificial Neural Network Models: A Case Study. *Geotechnical and Geological Engineering*, **2016**, 34, 807-815	1.5	22
20	Artificial intelligence models to generate visualized bedrock level: a case study in Sweden. *Modeling Earth Systems and Environment*, **2020**, 6, 1509-1528	3.2	18
19	Landslide susceptibility mapping using hybridized block modular intelligence model. *Bulletin of Engineering Geology and the Environment*, **2021**, 80, 267-284	4	18
18	A hybridized intelligence model to improve the predictability level of strength index parameters of rocks. *Neural Computing and Applications*, **2021**, 33, 3841-3854	4.8	15
17	A hybrid computing model to predict rock strength index properties using support vector regression. *Engineering With Computers*, **2020**, 1	4.5	12
16	Evaluation of a nonlinear seismic geotechnical site response analysis method subjected to earthquake vibrations (case study: Kerman Province, Iran). *Arabian Journal of Geosciences*, **2011**, 4, 1103-1116	1.8	12
15	Verification of a new method for evaluation of liquefaction potential analysis. *Arabian Journal of Geosciences*, **2013**, 6, 881-892	1.8	8
14	Subsurface Topographic Modeling Using Geospatial and Data Driven Algorithm. *ISPRS International Journal of Geo-Information*, **2021**, 10, 341	2.9	6
13	Frequency content analysis of the probable earthquake in Kopet Dagh region Northeast of Iran. *Arabian Journal of Geosciences*, **2015**, 8, 3833-3844	1.8	5

LIST OF PUBLICATIONS

12	A proposed geotechnical-based method for evaluation of liquefaction potential analysis subjected to earthquake provocations (case study: Korzan earth dam, Hamedan province, Iran). *Arabian Journal of Geosciences*, **2012**, 5, 555-564	1.8	4
11	PREDICTION OF SITE RESPONSE SPECTRUM UNDER EARTHQUAKE VIBRATION USING AN OPTIMIZED DEVELOPED ARTIFICIAL NEURAL NETWORK MODEL. *Advances in Science and Technology Research Journal*, **2016**, 10, 76-83	2.1	4
10	Spatial distribution modelling of subsurface bedrock using a developed automated intelligence deep learning procedure: A case study in Sweden. *Journal of Rock Mechanics and Geotechnical Engineering*, **2021**,	5.3	4
9	Prediction of bedload transport rate using a block combined network structure. *Hydrological Sciences Journal*,	3.5	3
8	Liquefaction potential analysis using hybrid multi-objective intelligence model. *Environmental Earth Sciences*, **2020**, 79, 1	2.9	3
7	Automated intelligent hybrid computing schemes to predict blasting induced ground vibration. *Engineering With Computers*, 1	4.5	3
6	Modified correlations to predict the shear wave velocity using piezocone penetration test data and geotechnical parameters: a case study in the southwest of Sweden. *Innovative Infrastructure Solutions*, **2016**, 1, 1	2.3	3
5	An Improved Method for Seismic Site Characterization with Emphasis on Liquefaction Phenomena. *Open Journal of Earthquake Research*, **2012**, 01, 13-21	0.8	2
4	A modified firefly algorithm applying on multi-objective radial-based function for blasting. *Neural Computing and Applications*, 1	4.8	2
3	A visualized hybrid intelligent model to delineate Swedish fine-grained soil layers using clay sensitivity. *Catena*, **2022**, 214, 106289	5.8	0
2	Nonlinear site response evaluation of earthquakes: A case study from Sirdjan Balvavard Bridge, Kerman province, Iran. *Journal of the Geological Society of India*, **2014**, 84, 475-482	1.3	
1	A Modified Correlation Using Statistical Techniques in Estimating the Uniaxial Compressive Strength of Sedimentary Rocks Based on P-Wave Velocity- A Case Study. *Sustainable Civil Infrastructures*, **2019**, 169-173	0.2	