

# Abbas Abbaszadeh Shahri

## List of Publications by Year in Descending Order

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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.

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	A visualized hybrid intelligent model to delineate Swedish fine-grained soil layers using clay sensitivity. <i>Catena</i> , <b>2022</b> , 214, 106289	5.8	0
28	Subsurface Topographic Modeling Using Geospatial and Data Driven Algorithm. <i>ISPRS International Journal of Geo-Information</i> , <b>2021</b> , 10, 341	2.9	6
27	Landslide susceptibility mapping using hybridized block modular intelligence model. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2021</b> , 80, 267-284	4	18
26	A hybridized intelligence model to improve the predictability level of strength index parameters of rocks. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 3841-3854	4.8	15
25	Spatial distribution modelling of subsurface bedrock using a developed automated intelligence deep learning procedure: A case study in Sweden. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , <b>2021</b> ,	5.3	4
24	A hybrid computing model to predict rock strength index properties using support vector regression. <i>Engineering With Computers</i> , <b>2020</b> , 1	4.5	12
23	Updating the neural network sediment load models using different sensitivity analysis methods: a regional application. <i>Journal of Hydroinformatics</i> , <b>2020</b> , 22, 562-577	2.6	58
22	Artificial intelligence models to generate visualized bedrock level: a case study in Sweden. <i>Modeling Earth Systems and Environment</i> , <b>2020</b> , 6, 1509-1528	3.2	18
21	Liquefaction potential analysis using hybrid multi-objective intelligence model. <i>Environmental Earth Sciences</i> , <b>2020</b> , 79, 1	2.9	3
20	Landslide susceptibility hazard map in southwest Sweden using artificial neural network. <i>Catena</i> , <b>2019</b> , 183, 104225	5.8	60
19	Prediction of Uniaxial Compressive Strength of Different Quarried Rocks Using Metaheuristic Algorithm. <i>Arabian Journal for Science and Engineering</i> , <b>2019</b> , 44, 8645-8659	2.5	37
18	An artificial neural network based model to predict spatial soil type distribution using piezocone penetration test data (CPTu). <i>Bulletin of Engineering Geology and the Environment</i> , <b>2019</b> , 78, 4579-4588	4	39
17	A Modified Correlation Using Statistical Techniques in Estimating the Uniaxial Compressive Strength of Sedimentary Rocks Based on P-Wave Velocity- A Case Study. <i>Sustainable Civil Infrastructures</i> , <b>2019</b> , 169-173	0.2	
16	Optimized developed artificial neural network-based models to predict the blast-induced ground vibration. <i>Innovative Infrastructure Solutions</i> , <b>2018</b> , 3, 1	2.3	24
15	Updated relations for the uniaxial compressive strength of marlstones based on P-wave velocity and point load index test. <i>Innovative Infrastructure Solutions</i> , <b>2016</b> , 1, 1	2.3	27
14	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. <i>Geotechnical and Geological Engineering</i> , <b>2016</b> , 34, 745-758	1.5	31
13	PREDICTION OF SITE RESPONSE SPECTRUM UNDER EARTHQUAKE VIBRATION USING AN OPTIMIZED DEVELOPED ARTIFICIAL NEURAL NETWORK MODEL. <i>Advances in Science and Technology Research Journal</i> , <b>2016</b> , 10, 76-83	2.1	4

12	Assessment and Prediction of Liquefaction Potential Using Different Artificial Neural Network Models: A Case Study. <i>Geotechnical and Geological Engineering</i> , <b>2016</b> , 34, 807-815	1.5	22
11	Modified correlations to predict the shear wave velocity using piezocone penetration test data and geotechnical parameters: a case study in the southwest of Sweden. <i>Innovative Infrastructure Solutions</i> , <b>2016</b> , 1, 1	2.3	3
10	Frequency content analysis of the probable earthquake in Kopet Dagh region Northeast of Iran. <i>Arabian Journal of Geosciences</i> , <b>2015</b> , 8, 3833-3844	1.8	5
9	Soil classification analysis based on piezocone penetration test data [A case study from a quick-clay landslide site in southwestern Sweden. <i>Engineering Geology</i> , <b>2015</b> , 189, 32-47	6	25
8	Nonlinear site response evaluation of earthquakes: A case study from Sirdjan Balvavard Bridge, Kerman province, Iran. <i>Journal of the Geological Society of India</i> , <b>2014</b> , 84, 475-482	1.3	
7	Verification of a new method for evaluation of liquefaction potential analysis. <i>Arabian Journal of Geosciences</i> , <b>2013</b> , 6, 881-892	1.8	8
6	A proposed geotechnical-based method for evaluation of liquefaction potential analysis subjected to earthquake provocations (case study: Korzan earth dam, Hamedan province, Iran). <i>Arabian Journal of Geosciences</i> , <b>2012</b> , 5, 555-564	1.8	4
5	An Improved Method for Seismic Site Characterization with Emphasis on Liquefaction Phenomena. <i>Open Journal of Earthquake Research</i> , <b>2012</b> , 01, 13-21	0.8	2
4	Evaluation of a nonlinear seismic geotechnical site response analysis method subjected to earthquake vibrations (case study: Kerman Province, Iran). <i>Arabian Journal of Geosciences</i> , <b>2011</b> , 4, 1103-1116	1.8	12
3	Prediction of bedload transport rate using a block combined network structure. <i>Hydrological Sciences Journal</i> ,	3.5	3
2	Automated intelligent hybrid computing schemes to predict blasting induced ground vibration. <i>Engineering With Computers</i> ,1	4.5	3
1	A modified firefly algorithm applying on multi-objective radial-based function for blasting. <i>Neural Computing and Applications</i> ,1	4.8	2