Seyed mahmoud fatemi aghda

List of Publications by Year
in descending order

28 papers	738 citations	932766 10 h-index	580395 25 g-index
30 all docs	30 docs citations	30 times ranked	778 citing authors

#	Article	IF	Citations
1	Landslide susceptibility mapping by binary logistic regression, analytical hierarchy process, and statistical index models and assessment of their performances. Natural Hazards, 2013, 69, 749-779.	1.6	326
2	GIS-based landslide susceptibility mapping with probabilistic likelihood ratio and spatial multi-criteria evaluation models (North of Tehran, Iran). Arabian Journal of Geosciences, 2014, 7, 1857-1878.	0.6	170
3	Source fault structure of the 2003 Bam earthquake, southeastern Iran, inferred from the aftershock distribution and its relation to the heavily damaged area: Existence of the Arg-e-Bam fault proposed. Geophysical Research Letters, 2005, 32, .	1.5	29
4	Assessment of fractal dimension and geometrical characteristics of the landslides identified in North of Tehran, Iran. Environmental Earth Sciences, 2014, 71, 3617-3626.	1.3	26
5	Determination of minimum and maximum stress profiles using wellbore failure evidences: a case studyâ€"a deep oil well in the southwest of Iran. Journal of Petroleum Exploration and Production, 2017, 7, 707-715.	1.2	23
6	3-D velocity structure of the 2003 Bam earthquake area (SE Iran): Existence of a low-Poisson's ratio layer and its relation to heavy damage. Tectonophysics, 2006, 417, 269-283.	0.9	17
7	Landslide Susceptibility Mapping Using Fuzzy Logic System and Its Influences on Mainlines in Lashgarak Region, Tehran, Iran. Geotechnical and Geological Engineering, 2018, 36, 915.	0.8	17
8	Effects of weathering and lithology on the quality of aggregates in the alluvial fans of Northeast Rivand, Sabzevar, Iran. Geomorphology, 2015, 241, 19-30.	1.1	16
9	Adjusting porosity and permeability estimation by nuclear magnetic resonance: a case study from a carbonate reservoir of south of Iran. Journal of Petroleum Exploration and Production, 2018, 8, 1113-1127.	1.2	15
10	Feed forward neural network and interpolation function models to predict the soil and subsurface sediments distribution in Bam, Iran. Acta Geophysica, 2009, 57, 271-293.	1.0	13
11	Comparison of Squeezing Prediction Methods: A Case Study on Nowsoud Tunnel. Geotechnical and Geological Engineering, 2016, 34, 1487-1512.	0.8	12
12	Evaluation of earthquake-induced landslides hazard zonation methods: a case study of Sarein, Iran, earthquake (1997). Arabian Journal of Geosciences, 2015, 8, 7207-7227.	0.6	9
13	In-Situ Stress State and Tectonic Regime in Different Depths of Earth Crust. Geotechnical and Geological Engineering, 2016, 34, 679-687.	0.8	8
14	Prediction of the shear strength parameters from easily-available soil properties by means of multivariate regression and artificial neural network methods. Geomechanics and Geoengineering, 2022, 17, 442-454.	0.9	8
15	Introducing a new classification of soft rocks based on the main geological and engineering aspects. Bulletin of Engineering Geology and the Environment, 2021, 80, 4235-4254.	1.6	8
16	Assessing the accuracy of TDR-based water leak detection system. Results in Physics, 2018, 8, 939-948.	2.0	7
17	Evaluation of ANFIS and LR models for seismic rockfallsâ€™ susceptibility mapping: a case study of Firooz Abad-Kojour, Iran, Earthquake (2004). Environmental Earth Sciences, 2018, 77, 1.	1.3	7
18	Soil and sediment quality and composition as factors in the distribution of damage at the December 26, 2003, Bam area earthquake in SE Iran (M sâ€‰=â€‰6.6). Journal of Soils and Sediments, 2009, 9, 23-32.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Prediction of Subsidence Over Oil and Gas Fields with Use of Influence Functions (Case Study: South) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	5
20	Predicting the probability of rockfalls occurrence caused by the earthquake of Changureh-Avaj in 2002 using LR, MLP, and RBF methods. Bulletin of Engineering Geology and the Environment, 2019, 78, 3119-3141.	1.6	5
21	Classification of Limestone Rock Masses Using Laboratory and Field P-wave Velocity by ArcGIS Fuzzy Overlay (AFO) (Case Study: Five Dam Sites in Zagros Mountains, Western Iran). Geotechnical and Geological Engineering, 2020, 38, 631-650.	0.8	4
22	The Effect of Geological Factors on the Grout Curtain Performance Analysis of Darian Dam Using the Results of Instrumentation Data in the First Impounding. Journal of the Geological Society of India, 2019, 93, 360-368.	0.5	2
23	A Comparison Among ANFIS, MLP, and RBF Models for Hazard Analysis of Rockfalls Triggered by the 2004 Firooz Abad-Kojour, Iran, Earthquake. Geotechnical and Geological Engineering, 2019, 37, 3085-3111.	0.8	2
24	Investigation of Abrasion and Impact Resistance of Aggregates in Different Environments in Direh, Kermanshah, Iran. Geotechnical and Geological Engineering, 2019, 37, 2015-2028.	0.8	1
25	Introducing a Comprehensive Geological and Geotechnical Classification for Urban Planning and Design, A Case Study in Isfahan (Iran). Geotechnical and Geological Engineering, 2020, 38, 6809-6826.	0.8	1
26	Effects of ultrasonic waves on water imbibition into oil-wet carbonate reservoirs (a case study). Petroleum Science and Technology, 0, , 1-16.	0.7	1
27	Effect of Morphometric Characteristics of Catchments on the Aggregatesâ€™ Resistance of Freezeâ€“Thaw and Sodium Sulfate Soundness: A Case Study of Alluvial Fans of Direh, Kermanshah, Iran. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1575-1589.	0.7	0
28	Investigation of Stress Arching Above Depleting Hydrocarbon Reservoirs and Its Effect on the Compaction Drive Mechanism. Geotechnical and Geological Engineering, 2022, 40, 259-272.	0.8	0