

Seyed mahmoud fatemi aghda

List of Publications by Year in descending order

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Version: 2024-02-01

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	Prediction of the shear strength parameters from easily-available soil properties by means of multivariate regression and artificial neural network methods. <i>Geomechanics and Geoengineering</i> , 2022, 17, 442-454.	0.9	8
2	Investigation of Stress Arching Above Depleting Hydrocarbon Reservoirs and Its Effect on the Compaction Drive Mechanism. <i>Geotechnical and Geological Engineering</i> , 2022, 40, 259-272.	0.8	0
3	Introducing a new classification of soft rocks based on the main geological and engineering aspects. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 4235-4254.	1.6	8
4	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). <i>Geotechnical and Geological Engineering</i> , 2020, 38, 631-650.	0.8	4
5	Introducing a Comprehensive Geological and Geotechnical Classification for Urban Planning and Design, A Case Study in Isfahan (Iran). <i>Geotechnical and Geological Engineering</i> , 2020, 38, 6809-6826.	0.8	1
6	Predicting the probability of rockfalls occurrence caused by the earthquake of Changureh-Avaj in 2002 using LR, MLP, and RBF methods. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 3119-3141.	1.6	5
7	The Effect of Geological Factors on the Grout Curtain Performance Analysis of Darian Dam Using the Results of Instrumentation Data in the First Impounding. <i>Journal of the Geological Society of India</i> , 2019, 93, 360-368.	0.5	2
8	A Comparison Among ANFIS, MLP, and RBF Models for Hazard Analysis of Rockfalls Triggered by the 2004 Firooz Abad-Kojour, Iran, Earthquake. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 3085-3111.	0.8	2
9	Effect of Morphometric Characteristics of Catchments on the Aggregates' Resistance of Freeze-Thaw and Sodium Sulfate Soundness: A Case Study of Alluvial Fans of Direh, Kermanshah, Iran. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 1575-1589.	0.7	0
10	Investigation of Abrasion and Impact Resistance of Aggregates in Different Environments in Direh, Kermanshah, Iran. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 2015-2028.	0.8	1
11	Landslide Susceptibility Mapping Using Fuzzy Logic System and Its Influences on Mainlines in Lashgarak Region, Tehran, Iran. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 915.	0.8	17
12	Assessing the accuracy of TDR-based water leak detection system. <i>Results in Physics</i> , 2018, 8, 939-948.	2.0	7
13	Evaluation of ANFIS and LR models for seismic rockfalls' susceptibility mapping: a case study of Firooz Abad-Kojour, Iran, Earthquake (2004). <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	7
14	Adjusting porosity and permeability estimation by nuclear magnetic resonance: a case study from a carbonate reservoir of south of Iran. <i>Journal of Petroleum Exploration and Production</i> , 2018, 8, 1113-1127.	1.2	15
15	Prediction of Subsidence Over Oil and Gas Fields with Use of Influence Functions (Case Study: South) <i>TJ ETQq1 1 0,784314 rgBT /Over</i>	0.7	1
16	Determination of minimum and maximum stress profiles using wellbore failure evidences: a case study of a deep oil well in the southwest of Iran. <i>Journal of Petroleum Exploration and Production</i> , 2017, 7, 707-715.	1.2	23
17	Comparison of Squeezing Prediction Methods: A Case Study on Nowsoud Tunnel. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 1487-1512.	0.8	12
18	In-Situ Stress State and Tectonic Regime in Different Depths of Earth Crust. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 679-687.	0.8	8

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19	Effects of weathering and lithology on the quality of aggregates in the alluvial fans of Northeast Rivand, Sabzevar, Iran. <i>Geomorphology</i> , 2015, 241, 19-30.	1.1	16
20	Evaluation of earthquake-induced landslides hazard zonation methods: a case study of Sarein, Iran, earthquake (1997). <i>Arabian Journal of Geosciences</i> , 2015, 8, 7207-7227.	0.6	9
21	GIS-based landslide susceptibility mapping with probabilistic likelihood ratio and spatial multi-criteria evaluation models (North of Tehran, Iran). <i>Arabian Journal of Geosciences</i> , 2014, 7, 1857-1878.	0.6	170
22	Assessment of fractal dimension and geometrical characteristics of the landslides identified in North of Tehran, Iran. <i>Environmental Earth Sciences</i> , 2014, 71, 3617-3626.	1.3	26
23	Landslide susceptibility mapping by binary logistic regression, analytical hierarchy process, and statistical index models and assessment of their performances. <i>Natural Hazards</i> , 2013, 69, 749-779.	1.6	326
24	Soil and sediment quality and composition as factors in the distribution of damage at the December 26, 2003, Bam area earthquake in SE Iran ($M_s=6.6$). <i>Journal of Soils and Sediments</i> , 2009, 9, 23-32.	1.5	6
25	Feed forward neural network and interpolation function models to predict the soil and subsurface sediments distribution in Bam, Iran. <i>Acta Geophysica</i> , 2009, 57, 271-293.	1.0	13
26	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. <i>Tectonophysics</i> , 2006, 417, 269-283.	0.9	17
27	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. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	29
28	Effects of ultrasonic waves on water imbibition into oil-wet carbonate reservoirs (a case study). <i>Petroleum Science and Technology</i> , 0, , 1-16.	0.7	1