

Ali M Rajabi

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

449
citations

758635

12
h-index

794141

19
g-index

35
all docs

35
docs citations

35
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of diesel-contamination on geotechnical properties of illite soil. <i>Engineering Geology</i> , 2018, 241, 55-63.	2.9	63
2	Municipal solid waste landfill siting by using GIS and analytical hierarchy process (AHP): a case study in Qom city, Iran. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	44
3	Evaluation of Mechanical Properties of Two-Stage Concrete and Conventional Concrete Using Nondestructive Tests. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	30
4	Midcrustal Thrusting and Vertical Deformation Partitioning Constraint by 2017 Mw 7.3 Sarpol Zahab Earthquake in Zagros Mountain Belt, Iran. <i>Seismological Research Letters</i> , 2018, 89, 2204-2213.	0.8	29
5	Mechanical properties of silty clay soil treated with a mixture of lime and zinc oxide nanoparticles. <i>Construction and Building Materials</i> , 2021, 281, 122548.	3.2	24
6	Effects of Natural-Zeolite Additive on Mechanical and Physicochemical Properties of Clayey Soils. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	22
7	A new empirical estimator of coseismic landslide displacement for Zagros Mountain region (Iran). <i>Natural Hazards</i> , 2011, 59, 1189-1203.	1.6	21
8	Simple empirical formula to estimate the main geomechanical parameters of preplaced aggregate concrete and conventional concrete. <i>Construction and Building Materials</i> , 2017, 146, 485-492.	3.2	19
9	A numerical study on land subsidence due to extensive overexploitation of groundwater in Aliabad plain, Qom-Iran. <i>Natural Hazards</i> , 2018, 93, 1085-1103.	1.6	19
10	Earthquake-induced landslide prediction using back-propagation type artificial neural network: case study in northern Iran. <i>Natural Hazards</i> , 2022, 110, 679-694.	1.6	19
11	Attenuation relation of Arias intensity for Zagros Mountains region (Iran). <i>Soil Dynamics and Earthquake Engineering</i> , 2010, 30, 110-118.	1.9	17
12	A time probabilistic approach to seismic landslide hazard estimates in Iran. <i>Soil Dynamics and Earthquake Engineering</i> , 2013, 48, 25-34.	1.9	15
13	Land subsidence due to groundwater withdrawal in Arak plain, Markazi province, Iran. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	15
14	Detecting Land Subsidence Due to Groundwater Withdrawal in Aliabad Plain, Iran, Using ESA Sentinel-1 Satellite Data. <i>Natural Resources Research</i> , 2020, 29, 1935-1950.	2.2	13
15	Prediction of blast-induced ground vibration using empirical models and artificial neural network (Bakhtiari Dam access tunnel, as a case study). <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 520-531.	1.5	13
16	Strength properties and microstructural characteristics of clay treated with alkali activated mortar and fiber. <i>Construction and Building Materials</i> , 2022, 341, 127486.	3.2	12
17	An experimental study on the influence of metakaolin on mechanical properties of a clayey sand. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 7921-7932.	1.6	8
18	Investigation of the geological and geotechnical characteristics of the Tanguyeh dam site in southeastern Iran. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 861-872.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Experimental and Numerical Evaluation of the Effect of Nano Calcium Carbonate on Geotechnical Properties of Clayey Sand Soil. KSCE Journal of Civil Engineering, 0, , 1.	0.9	7
20	Scenarios to control land subsidence using numerical modeling of groundwater exploitation: Aliabad plain (in Iran) as a case study. Environmental Earth Sciences, 2020, 79, 1.	1.3	6
21	The Effect of Nano-Iron Oxide on the Strength and Consolidation Parameters of a Clay Soil: An Experimental Study. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 1759-1768.	1.0	6
22	Effect of nano calcium carbonate (nano CaCO ₃) on the strength and consolidation properties of clayey sand soil. Road Materials and Pavement Design, 0, , 1-22.	2.0	5
23	Laboratory investigation of clayey soils improvement using sepiolite as an additive; Engineering performances and micro-scale analysis. Engineering Geology, 2021, 293, 106328.	2.9	5
24	Improvement of sandy soil to prevent hydraulic failure using BCF fibers and geotextiles. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	4
25	A laboratory investigation of the geomechanical properties of graphite stabilized clayey sands. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	4
26	An Approach to Identify Site Response Directivity of Accelerometer Sites and Application to the Iranian Area. Pure and Applied Geophysics, 2015, 172, 1471-1490.	0.8	3
27	Application of numerical back analysis for determination of soil mass specifications during tunnel construction. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	3
28	Effect of Liquid Polyvinyl Acetate and Micronized Calcium Carbonate on Strength Parameters of Silty Sand Soil. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.0	3
29	Simulation of the Interaction of Micropiles and a Fault Rupture. KSCE Journal of Civil Engineering, 2021, 25, 4620.	0.9	3
30	Sediment yield and soil erosion assessment by using empirical models for Shazand watershed, a semi-arid area in center of Iran. Natural Hazards, 2022, 112, 1685-1704.	1.6	3
31	Effect of the circular cavity on the undrained bearing capacity of shallow strip footing. Arabian Journal of Geosciences, 2022, 15, .	0.6	3
32	Identifying dispersive soils by modification of chemical criterion, validated based on data from Northwest and Central Iran. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	2
33	Laboratory Study and Statistical Analysis on the Hydraulic Failure of Sandy Soils. Arabian Journal for Science and Engineering, 2022, 47, 5167-5186.	1.7	2
34	Development of Practical Correlations Between Cone Penetration Resistance and SPT Values for Various Types of Soils. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 471-481.	1.0	0
35	Effect of footing geometry on the slope of reinforced soil during centrifuge modeling. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	0