

# Ali M Rajabi

## 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.

34  
papers

229  
citations

10  
h-index

14  
g-index

35  
ext. papers

331  
ext. citations

3  
avg, IF

4.17  
L-index

#	Paper	IF	Citations
34	Effect of footing geometry on the slope of reinforced soil during centrifuge modeling. <i>Arabian Journal of Geosciences</i> , <b>2022</b> , 15, 1	1.8	
33	Strength properties and microstructural characteristics of clay treated with alkali activated mortar and fiber. <i>Construction and Building Materials</i> , <b>2022</b> , 341, 127486	6.7	1
32	The Effect of Nano-Iron Oxide on the Strength and Consolidation Parameters of a Clay Soil: An Experimental Study. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , <b>2021</b> , 45, 1759-1768	1.1	1
31	Mechanical properties of silty clay soil treated with a mixture of lime and zinc oxide nanoparticles. <i>Construction and Building Materials</i> , <b>2021</b> , 281, 122548	6.7	4
30	Simulation of the Interaction of Micropiles and a Fault Rupture. <i>KSCE Journal of Civil Engineering</i> , <b>2021</b> , 25, 4620	1.9	0
29	Improvement of sandy soil to prevent hydraulic failure using BCF fibers and geotextiles. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	1
28	Identifying dispersive soils by modification of chemical criterion, validated based on data from Northwest and Central Iran. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	1
27	An experimental study on the influence of metakaolin on mechanical properties of a clayey sand. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2021</b> , 80, 7921	4	0
26	Laboratory investigation of clayey soils improvement using sepiolite as an additive; Engineering performances and micro-scale analysis. <i>Engineering Geology</i> , <b>2021</b> , 293, 106328	6	2
25	A laboratory investigation of the geomechanical properties of graphite stabilized clayey sands. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	0
24	Evaluation of Mechanical Properties of Two-Stage Concrete and Conventional Concrete Using Nondestructive Tests. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 04020185	3	16
23	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> , <b>2020</b> , 26, 520-531	2	8
22	Development of Practical Correlations Between Cone Penetration Resistance and SPT Values for Various Types of Soils. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , <b>2020</b> , 44, 471-481	1.1	
21	Effects of Natural-Zeolite Additive on Mechanical and Physicochemical Properties of Clayey Soils. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 04020306	3	11
20	Scenarios to control land subsidence using numerical modeling of groundwater exploitation: Aliabad plain (in Iran) as a case study. <i>Environmental Earth Sciences</i> , <b>2020</b> , 79, 1	2.9	2
19	Application of numerical back analysis for determination of soil mass specifications during tunnel construction. <i>Arabian Journal of Geosciences</i> , <b>2020</b> , 13, 1	1.8	0
18	Detecting Land Subsidence Due to Groundwater Withdrawal in Aliabad Plain, Iran, Using ESA Sentinel-1 Satellite Data. <i>Natural Resources Research</i> , <b>2020</b> , 29, 1935-1950	4.9	7

17	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> , <b>2018</b> , 77, 1	2.9	26
16	Effect of diesel-contamination on geotechnical properties of illite soil. <i>Engineering Geology</i> , <b>2018</b> , 241, 55-63	6	38
15	A numerical study on land subsidence due to extensive overexploitation of groundwater in Aliabad plain, Qom-Iran. <i>Natural Hazards</i> , <b>2018</b> , 93, 1085-1103	3	14
14	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> , <b>2018</b> , 89, 2204-2213	3	21
13	Simple empirical formula to estimate the main geomechanical parameters of preplaced aggregate concrete and conventional concrete. <i>Construction and Building Materials</i> , <b>2017</b> , 146, 485-492	6.7	11
12	Land subsidence due to groundwater withdrawal in Arak plain, Markazi province, Iran. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	12
11	An Approach to Identify Site Response Directivity of Accelerometer Sites and Application to the Iranian Area. <i>Pure and Applied Geophysics</i> , <b>2015</b> , 172, 1471-1490	2.2	2
10	Investigation of the geological and geotechnical characteristics of the Tanguyeh dam site in southeastern Iran. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2015</b> , 74, 861-872	4	5
9	A time probabilistic approach to seismic landslide hazard estimates in Iran. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2013</b> , 48, 25-34	3.5	9
8	A new empirical estimator of coseismic landslide displacement for Zagros Mountain region (Iran). <i>Natural Hazards</i> , <b>2011</b> , 59, 1189-1203	3	13
7	Attenuation relation of Arias intensity for Zagros Mountains region (Iran). <i>Soil Dynamics and Earthquake Engineering</i> , <b>2010</b> , 30, 110-118	3.5	15
6	Laboratory Study and Statistical Analysis on the Hydraulic Failure of Sandy Soils. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	
5	Effect of Liquid Polyvinyl Acetate and Micronized Calcium Carbonate on Strength Parameters of Silty Sand Soil. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 1	1.1	0
4	Earthquake-induced landslide prediction using back-propagation type artificial neural network: case study in northern Iran. <i>Natural Hazards</i> , 1	3	7
3	Effect of nano calcium carbonate (nano CaCO <sub>3</sub> ) on the strength and consolidation properties of clayey sand soil. <i>Road Materials and Pavement Design</i> , 1-22	2.6	1
2	Experimental and Numerical Evaluation of the Effect of Nano Calcium Carbonate on Geotechnical Properties of Clayey Sand Soil. <i>KSCE Journal of Civil Engineering</i> , 1	1.9	1
1	Sediment yield and soil erosion assessment by using empirical models for Shazand watershed, a semi-arid area in center of Iran. <i>Natural Hazards</i> , 1	3	0