

Ali M Rajabi

List of Publications by Citations

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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 diesel-contamination on geotechnical properties of illite soil. <i>Engineering Geology</i> , 2018 , 241, 55-63 | 6 | 38 |
| 33 | 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 | 2.9 | 26 |
| 32 | Midcrustal Thrusting and Vertical Deformation Partitioning Constraint by 2017 Mw7.3 Sarpol Zahab Earthquake in Zagros Mountain Belt, Iran. <i>Seismological Research Letters</i> , 2018 , 89, 2204-2213 | 3 | 21 |
| 31 | Evaluation of Mechanical Properties of Two-Stage Concrete and Conventional Concrete Using Nondestructive Tests. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020185 | 3 | 16 |
| 30 | Attenuation relation of Arias intensity for Zagros Mountains region (Iran). <i>Soil Dynamics and Earthquake Engineering</i> , 2010 , 30, 110-118 | 3.5 | 15 |
| 29 | 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 | 3 | 14 |
| 28 | A new empirical estimator of coseismic landslide displacement for Zagros Mountain region (Iran). <i>Natural Hazards</i> , 2011 , 59, 1189-1203 | 3 | 13 |
| 27 | Land subsidence due to groundwater withdrawal in Arak plain, Markazi province, Iran. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1 | 1.8 | 12 |
| 26 | 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 | 6.7 | 11 |
| 25 | Effects of Natural-Zeolite Additive on Mechanical and Physicochemical Properties of Clayey Soils. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020306 | 3 | 11 |
| 24 | A time probabilistic approach to seismic landslide hazard estimates in Iran. <i>Soil Dynamics and Earthquake Engineering</i> , 2013 , 48, 25-34 | 3.5 | 9 |
| 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> , 2020 , 26, 520-531 | 2 | 8 |
| 22 | 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 | 4.9 | 7 |
| 21 | Earthquake-induced landslide prediction using back-propagation type artificial neural network: case study in northern Iran. <i>Natural Hazards</i> , 1 | 3 | 7 |
| 20 | 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 | 4 | 5 |
| 19 | 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 | 6.7 | 4 |
| 18 | An Approach to Identify Site Response Directivity of Accelerometer Sites and Application to the Iranian Area. <i>Pure and Applied Geophysics</i> , 2015 , 172, 1471-1490 | 2.2 | 2 |

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| 17 | Scenarios to control land subsidence using numerical modeling of groundwater exploitation: Aliabad plain (in Iran) as a case study. <i>Environmental Earth Sciences</i> , 2020 , 79, 1 | 2.9 | 2 |
| 16 | Laboratory investigation of clayey soils improvement using sepiolite as an additive; Engineering performances and micro-scale analysis. <i>Engineering Geology</i> , 2021 , 293, 106328 | 6 | 2 |
| 15 | 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> , 2021 , 45, 1759-1768 | 1.1 | 1 |
| 14 | Improvement of sandy soil to prevent hydraulic failure using BCF fibers and geotextiles. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1 | 1.8 | 1 |
| 13 | Identifying dispersive soils by modification of chemical criterion, validated based on data from Northwest and Central Iran. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1 | 1.8 | 1 |
| 12 | Effect of nano calcium carbonate (nano CaCO ₃) on the strength and consolidation properties of clayey sand soil. <i>Road Materials and Pavement Design</i> , 1-22 | 2.6 | 1 |
| 11 | 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 |
| 10 | Strength properties and microstructural characteristics of clay treated with alkali activated mortar and fiber. <i>Construction and Building Materials</i> , 2022 , 341, 127486 | 6.7 | 1 |
| 9 | Application of numerical back analysis for determination of soil mass specifications during tunnel construction. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1 | 1.8 | 0 |
| 8 | 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 |
| 7 | Simulation of the Interaction of Micropiles and a Fault Rupture. <i>KSCE Journal of Civil Engineering</i> , 2021 , 25, 4620 | 1.9 | 0 |
| 6 | 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 | 4 | 0 |
| 5 | 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 |
| 4 | A laboratory investigation of the geomechanical properties of graphite stabilized clayey sands. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1 | 1.8 | 0 |
| 3 | Laboratory Study and Statistical Analysis on the Hydraulic Failure of Sandy Soils. <i>Arabian Journal for Science and Engineering</i> , 1 | 2.5 | |
| 2 | 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> , 2020 , 44, 471-481 | 1.1 | |
| 1 | Effect of footing geometry on the slope of reinforced soil during centrifuge modeling. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1 | 1.8 | |