# Ali M Rajabi

List of Publications by Year
in descending order

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|---|---|---|---|
| 35<br>papers | 449<br>citations | 759233<br>12<br>h-index | 794594<br>19<br>g-index |
| 35<br>all docs | 35<br>docs citations | 35<br>times ranked | 446<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of diesel-contamination on geotechnical properties of illite soil. Engineering Geology, 2018, 241, 55-63. | 6.3 | 63 |
| 2 | Municipal solid waste landfill siting by using GIS and analytical hierarchy process (AHP): a case study in Qom city, Iran. Environmental Earth Sciences, 2018, 77, 1. | 2.7 | 44 |
| 3 | Evaluation of Mechanical Properties of Two-Stage Concrete and Conventional Concrete Using Nondestructive Tests. Journal of Materials in Civil Engineering, 2020, 32, . | 2.9 | 30 |
| 4 | Midcrustal Thrusting and Vertical Deformation Partitioning Constraint by 2017 MwÂ7.3 Sarpol Zahab Earthquake in Zagros Mountain Belt, Iran. Seismological Research Letters, 2018, 89, 2204-2213. | 1.9 | 29 |
| 5 | Mechanical properties of silty clay soil treated with a mixture of lime and zinc oxide nanoparticles. Construction and Building Materials, 2021, 281, 122548. | 7.2 | 24 |
| 6 | Effects of Natural-Zeolite Additive on Mechanical and Physicochemical Properties of Clayey Soils. Journal of Materials in Civil Engineering, 2020, 32, . | 2.9 | 22 |
| 7 | A new empirical estimator of coseismic landslide displacement for Zagros Mountain region (Iran). Natural Hazards, 2011, 59, 1189-1203. | 3.4 | 21 |
| 8 | Simple empirical formula to estimate the main geomechanical parameters of preplaced aggregate concrete and conventional concrete. Construction and Building Materials, 2017, 146, 485-492. | 7.2 | 19 |
| 9 | A numerical study on land subsidence due to extensive overexploitation of groundwater in Aliabad plain, Qom-Iran. Natural Hazards, 2018, 93, 1085-1103. | 3.4 | 19 |
| 10 | Earthquake-induced landslide prediction using back-propagation type artificial neural network: case study in northern Iran. Natural Hazards, 2022, 110, 679-694. | 3.4 | 19 |
| 11 | Attenuation relation of Arias intensity for Zagros Mountains region (Iran). Soil Dynamics and Earthquake Engineering, 2010, 30, 110-118. | 3.8 | 17 |
| 12 | A time probabilistic approach to seismic landslide hazard estimates in Iran. Soil Dynamics and Earthquake Engineering, 2013, 48, 25-34. | 3.8 | 15 |
| 13 | Land subsidence due to groundwater withdrawal in Arak plain, Markazi province, Iran. Arabian Journal of Geosciences, 2016, 9, 1. | 1.3 | 15 |
| 14 | Detecting Land Subsidence Due to Groundwater Withdrawal in Aliabad Plain, Iran, Using ESA Sentinel-1 Satellite Data. Natural Resources Research, 2020, 29, 1935-1950. | 4.7 | 13 |
| 15 | Prediction of blast-induced ground vibration using empirical models and artificial neural network (Bakhtiari Dam access tunnel, as a case study). JVC/Journal of Vibration and Control, 2020, 26, 520-531. | 2.6 | 13 |
| 16 | Strength properties and microstructural characteristics of clay treated with alkali activated mortar and fiber. Construction and Building Materials, 2022, 341, 127486. | 7.2 | 12 |
| 17 | An experimental study on the influence of metakaolin on mechanical properties of a clayey sand. Bulletin of Engineering Geology and the Environment, 2021, 80, 7921-7932. | 3.5 | 8 |
| 18 | Investigation of the geological and geotechnical characteristics of the Tanguyeh dam site in southeastern Iran. Bulletin of Engineering Geology and the Environment, 2015, 74, 861-872. | 3.5 | 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. | 1.9 | 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. | 2.7 | 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. | 1.9 | 6 |
| 22 | Effect of nano calcium carbonate (nano CaCO3) on the strength and consolidation properties of clayey sand soil. Road Materials and Pavement Design, 0, , 1-22. | 4.0 | 5 |
| 23 | Laboratory investigation of clayey soils improvement using sepiolite as an additive; Engineering performances and micro-scale analysis. Engineering Geology, 2021, 293, 106328. | 6.3 | 5 |
| 24 | Improvement of sandy soil to prevent hydraulic failure using BCF fibers and geotextiles. Arabian Journal of Geosciences, 2021, 14, 1. | 1.3 | 4 |
| 25 | A laboratory investigation of the geomechanical properties of graphite stabilized clayey sands. Arabian Journal of Geosciences, 2021, 14, 1. | 1.3 | 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. | 1.9 | 3 |
| 27 | Application of numerical back analysis for determination of soil mass specifications during tunnel construction. Arabian Journal of Geosciences, 2020, 13, 1. | 1.3 | 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. | 1.9 | 3 |
| 29 | Simulation of the Interaction of Micropiles and a Fault Rupture. KSCE Journal of Civil Engineering, 2021, 25, 4620. | 1.9 | 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. | 3.4 | 3 |
| 31 | Effect of the circular cavity on the undrained bearing capacity of shallow strip footing. Arabian Journal of Geosciences, 2022, 15, . | 1.3 | 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. | 1.3 | 2 |
| 33 | Laboratory Study and Statistical Analysis on the Hydraulic Failure of Sandy Soils. Arabian Journal for Science and Engineering, 2022, 47, 5167-5186. | 3.0 | 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. | 1.9 | 0 |
| 35 | Effect of footing geometry on the slope of reinforced soil during centrifuge modeling. Arabian Journal of Geosciences, 2022, 15, 1. | 1.3 | 0 |