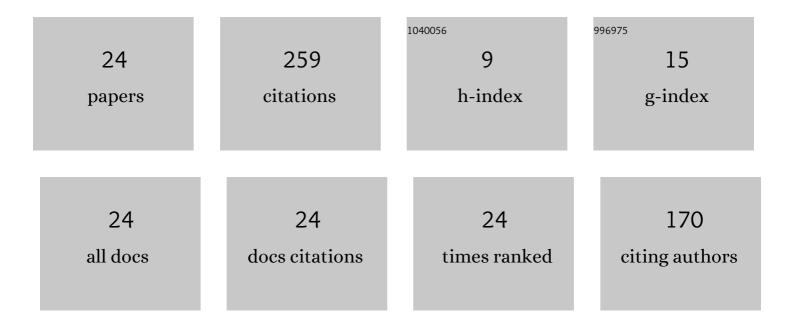
## Azadeh Hojat

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3329463/publications.pdf Version: 2024-02-01



Δ7ΛΠΕΗ ΗΟΙΛΤ

#	Article	IF	CITATIONS
1	Geoelectrical characterization and monitoring of slopes on a rainfall-triggered landslide simulator. Journal of Applied Geophysics, 2019, 170, 103844.	2.1	49
2	Long-term hydrogeophysical monitoring of the internal conditions of river levees. Engineering Geology, 2019, 259, 105139.	6.3	36
3	Investigation on the Role of Water for the Stability of Shallow Landslides—Insights from Experimental Tests. Water (Switzerland), 2020, 12, 1203.	2.7	24
4	Quantifying seasonal 3D effects for a permanent electrical resistivity tomography monitoring system along the embankment of an irrigation canal. Near Surface Geophysics, 2020, 18, 427-443.	1.2	24
5	A convolutional neural network approach to electrical resistivity tomography. Journal of Applied Geophysics, 2021, 193, 104434.	2.1	17
6	Successful Use of Geoelectrical Surveys in Area 3 of the Gol-e-Gohar Iron Ore Mine, Iran. Mine Water and the Environment, 2011, 30, 208-215.	2.0	12
7	A geostatistical Markov chain Monte Carlo inversion algorithm for electrical resistivity tomography. Near Surface Geophysics, 2021, 19, 7-26.	1.2	12
8	GPR measurements to detect major discontinuities at Cheshmeh-Shirdoosh limestone quarry, Iran. Bulletin of Engineering Geology and the Environment, 2019, 78, 743-752.	3.5	11
9	Tomographic Experiments for Defining the 3D Velocity Model of an Unstable Rock Slope to Support Microseismic Event Interpretation. Geosciences (Switzerland), 2020, 10, 327.	2.2	11
10	Probabilistic inversions of electrical resistivity tomography data with a machine learningâ€based forward operator. Geophysical Prospecting, 2022, 70, 938-957.	1.9	10
11	Reclassification of Microseismic Events through Hypocenter Location: Case Study on an Unstable Rock Face in Northern Italy. Geosciences (Switzerland), 2021, 11, 37.	2.2	8
12	Laboratory Studies Using Electrical Resistivity Tomography and Fiber Optic Techniques to Detect Seepage Zones in River Embankments. Geosciences (Switzerland), 2021, 11, 69.	2.2	7
13	A Laboratory Experience to Assess the 3D Effects on 2D ERT Monitoring of River Levees. , 2018, , .		6
14	Tech-Levee-Watch: experimenting an integrated geophysical system for stability assessment of levees. Rendiconti Online Societa Geologica Italiana, 0, 46, 38-43.	0.3	6
15	High-Frequency GPR Investigations in Saint Vigilius Cathedral, Trento. , 2018, , .		6
16	Integration of Geoengineering Techniques to Map Hidden Qanats at Shahid Bahonar University of Kerman. , 2018, , .		4
17	Laboratory and field GPR measurements to detect qanats. , 2019, , .		4
18	Ensemble-Based Electrical Resistivity Tomography with Data and Model Space Compression. Pure and Applied Geophysics, 2021, 178, 1781.	1.9	2

Azadeh Hojat

#	Article	IF	CITATIONS
19	Stochastic electrical resistivity tomography with ensemble smoother and deep convolutional autoencoders. Near Surface Geophysics, 2022, 20, 160-177.	1.2	2
20	Analytical Models and Laboratory Measurements to Explore the Potential of GPR for Quality Control of Marble Block Repair through Resin Injections. Applied Sciences (Switzerland), 2022, 12, 987.	2.5	2
21	Designing the Expanded Microseismic Monitoring Network for an Unstable Rock Face in Northern Italy. Pure and Applied Geophysics, 2022, 179, 1623-1644.	1.9	2
22	Machine learningâ€accelerated gradientâ€based Markov chain Monte Carlo inversion applied to electrical resistivity tomography. Near Surface Geophysics, 2022, 20, 440-461.	1.2	2
23	Application of geophysical methods to determine subsurface acid saturated zones of heap No. 3 at Sarcheshmeh copper mine, Iran. , 2015, , .		1
24	A Geographic Information Systemâ€based site selection experience for the construction of a geomagnetic observatory in Kerman Province, Iran. Geophysical Prospecting, 2017, 65, 237-245.	1.9	1