

Azadeh Hojat

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

259
citations

1040056

9
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Geoelectrical characterization and monitoring of slopes on a rainfall-triggered landslide simulator. <i>Journal of Applied Geophysics</i> , 2019, 170, 103844.	2.1	49
2	Long-term hydrogeophysical monitoring of the internal conditions of river levees. <i>Engineering Geology</i> , 2019, 259, 105139.	6.3	36
3	Investigation on the Role of Water for the Stability of Shallow Landslides—Insights from Experimental Tests. <i>Water (Switzerland)</i> , 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. <i>Near Surface Geophysics</i> , 2020, 18, 427-443.	1.2	24
5	A convolutional neural network approach to electrical resistivity tomography. <i>Journal of Applied Geophysics</i> , 2021, 193, 104434.	2.1	17
6	Successful Use of Geoelectrical Surveys in Area 3 of the Gol-e-Gohar Iron Ore Mine, Iran. <i>Mine Water and the Environment</i> , 2011, 30, 208-215.	2.0	12
7	A geostatistical Markov chain Monte Carlo inversion algorithm for electrical resistivity tomography. <i>Near Surface Geophysics</i> , 2021, 19, 7-26.	1.2	12
8	GPR measurements to detect major discontinuities at Cheshmeh-Shiridoosh limestone quarry, Iran. <i>Bulletin of Engineering Geology and the Environment</i> , 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. <i>Geosciences (Switzerland)</i> , 2020, 10, 327.	2.2	11
10	Probabilistic inversions of electrical resistivity tomography data with a machine learning-based forward operator. <i>Geophysical Prospecting</i> , 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. <i>Geosciences (Switzerland)</i> , 2021, 11, 37.	2.2	8
12	Laboratory Studies Using Electrical Resistivity Tomography and Fiber Optic Techniques to Detect Seepage Zones in River Embankments. <i>Geosciences (Switzerland)</i> , 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. <i>Rendiconti Online Societa Geologica Italiana</i> , 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. <i>Pure and Applied Geophysics</i> , 2021, 178, 1781.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Stochastic electrical resistivity tomography with ensemble smoother and deep convolutional autoencoders. <i>Near Surface Geophysics</i> , 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. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 987.	2.5	2
21	Designing the Expanded Microseismic Monitoring Network for an Unstable Rock Face in Northern Italy. <i>Pure and Applied Geophysics</i> , 2022, 179, 1623-1644.	1.9	2
22	Machine learning-accelerated gradient-based Markov chain Monte Carlo inversion applied to electrical resistivity tomography. <i>Near Surface Geophysics</i> , 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 System-based site selection experience for the construction of a geomagnetic observatory in Kerman Province, Iran. <i>Geophysical Prospecting</i> , 2017, 65, 237-245.	1.9	1