

Zhenwei Guo

List of Publications by Year in descending order

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27
papers

203
citations

1478505

6
h-index

1125743

13
g-index

27
all docs

27
docs citations

27
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Regulation on the Increasing Price of Metals and Minerals to Meet the Challenges in Clean Energy Transitions: A Case Study of China. Sustainability, 2022, 14, 764.	3.2	4
2	Deep-neural-networks-based approaches for Biot's squirt model in rock physics. Acta Geophysica, 2022, 70, 593-607.	2.0	2
3	Groundwater Detection Using the Pseudo-3D Resistivity Method: A History of Case Studies. Applied Sciences (Switzerland), 2022, 12, 6788.	2.5	5
4	Stability analysis-based reformulation of wave equations for poro-elastic media saturated with two fluids. Geophysical Journal International, 2021, 226, 327-344.	2.4	2
5	Seismic characterization of fractured reservoirs with elastic impedance difference versus angle and azimuth: A low-frequency poroelasticity perspective. Geophysics, 2021, 86, M123-M139.	2.6	19
6	Application of dictionary learning in marine CSEM denoising. , 2021, , .		0
7	Geophysical electromagnetic modeling and evaluation: A review. Journal of Applied Geophysics, 2021, 194, 104438.	2.1	4
8	Application of a Wide-Field Electromagnetic Method for Hot Dry Rock Exploration: A Case Study in the Gonghe Basin, Qinghai, China. Minerals (Basel, Switzerland), 2021, 11, 1105.	2.0	4
9	Sensitivity and Resolution of Controlled-Source Electromagnetic Method for Gas Hydrate Stable Zone. Energies, 2021, 14, 8318.	3.1	5
10	Inversion for magnetotelluric data using the particle swarm optimization and regularized least squares. Journal of Applied Geophysics, 2020, 181, 104156.	2.1	9
11	Stable Finite-Difference Methods for Elastic Wave Modeling with Characteristic Boundary Conditions. Mathematics, 2020, 8, 1039.	2.2	5
12	Electromagnetic methods for mineral exploration in China: A review. Ore Geology Reviews, 2020, 118, 103357.	2.7	50
13	Inversion of reservoir parameters based on the rock physics model and neural ODEs. , 2020, , .		0
14	Geophysical Field Data Interpolation Using Stochastic Partial Differential Equations for Gold Exploration in Dayaoshan, Guangxi, China. Minerals (Basel, Switzerland), 2019, 9, 14.	2.0	5
15	Application of the CSAMT Method to Pb-Zn Mineral Deposits: A Case Study in Jianshui, China. Minerals (Basel, Switzerland), 2019, 9, 726.	2.0	17
16	Comparison of structured and unstructured grids in marine controlled source electromagnetic inversions for offshore hydrocarbon exploration. Marine and Petroleum Geology, 2019, 100, 204-211.	3.3	4
17	Urban ground exploration using Pseudo-3D conducting electrical method. , 2019, , .		0
18	Comparison of Detection Capability by the Controlled Source Electromagnetic Method for Hydrocarbon Exploration. Energies, 2018, 11, 1839.	3.1	2

#	ARTICLE	IF	CITATIONS
19	A hybrid solver based on the integral equation method and vector finite-element method for 3D controlled-source electromagnetic method modeling. <i>Geophysics</i> , 2018, 83, E319-E333.	2.6	26
20	3-D Butterworth Filtering for 3-D High-density Onshore Seismic Field Data. <i>Journal of Environmental and Engineering Geophysics</i> , 2018, 23, 223-233.	0.5	5
21	An element-free Galerkin method based on adaptive background cells for 2.5D DC resistivity modeling. , 2018, , .		1
22	Three Dimensional Magnetotelluric Forward Modelling using Gauge Potential Approach. , 2018, , .		0
23	Image-guided regularization of marine electromagnetic inversion. <i>Geophysics</i> , 2017, 82, E221-E232.	2.6	17
24	Application of Frequency-Dependent Traveltime Tomography to 2D Crosswell Seismic Field Data. <i>Journal of Environmental and Engineering Geophysics</i> , 2017, 22, 421-426.	0.5	7
25	Modelling magnetic field data using stochastic partial differential equations. , 2017, , .		0
26	Sparse CSEM inversion driven by seismic coherence. <i>Journal of Geophysics and Engineering</i> , 2016, 13, 858-867.	1.4	5
27	Comparison of marine controlled-source electromagnetic data acquisition systems by a reservoir sensitivity index: analyzing the effect of water depths. <i>Acta Oceanologica Sinica</i> , 2016, 35, 113-119.	1.0	5