

Kaiguang Zhu

List of Publications by Year in descending order

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17
papers

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1478505

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times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	The fault detection of transmitting current encoded by m-sequence using triple-correlation function in helicopter-borne electromagnetic method. <i>Review of Scientific Instruments</i> , 2022, 93, 074501.	1.3	1
2	Borehole Strain Observations Based on a State-Space Model and ApNe Analysis Associated With the 2013 Lushan Earthquake. <i>IEEE Access</i> , 2021, 9, 12167-12179.	4.2	2
3	Evaluation of Pre-Earthquake Anomalies of Borehole Strain Network by Using Receiver Operating Characteristic Curve. <i>Remote Sensing</i> , 2021, 13, 515.	4.0	7
4	Suppression of motion noise based on a linear-chromomorphic filtering algorithm in airborne electromagnetic survey. <i>Geophysical Prospecting</i> , 2021, 69, 1102-1115.	1.9	4
5	Airborne electromagnetic data levelling based on inequality-constrained polynomial fitting. <i>Exploration Geophysics</i> , 2020, 51, 600-608.	1.1	3
6	Detecting Earthquake-Related Anomalies of a Borehole Strain Network Based on Multi-Channel Singular Spectrum Analysis. <i>Entropy</i> , 2020, 22, 1086.	2.2	4
7	Infrared and Visible Image Fusion with a Generative Adversarial Network and a Residual Network. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 554.	2.5	18
8	The characteristics analysis of strain variation associated with Wenchuan earthquake using principal component analysis. <i>Annals of Geophysics</i> , 2020, 63, .	1.0	1
9	Detecting Earthquake-Related Borehole Strain Data Anomalies With Variational Mode Decomposition and Principal Component Analysis: A Case Study of the Wenchuan Earthquake. <i>IEEE Access</i> , 2019, 7, 157997-158006.	4.2	6
10	Negentropy anomaly analysis of the borehole strain associated with the M _s 8.0 Wenchuan earthquake. <i>Nonlinear Processes in Geophysics</i> , 2019, 26, 371-380.	1.3	3
11	Noise removal for airborne time domain electromagnetic data based on minimum noise fraction. <i>Exploration Geophysics</i> , 2018, 49, 127-133.	1.1	6
12	Extracting borehole strain precursors associated with the Lushan earthquake through principal component analysis. <i>Annals of Geophysics</i> , 2018, 61, .	1.0	7
13	Numerical simulation of coil motion noise in airborne time-domain electromagnetic survey. , 2017, , .		2
14	An Optimized Air-Core Coil Sensor with a Magnetic Flux Compensation Structure Suitable to the Helicopter TEM System. <i>Sensors</i> , 2016, 16, 508.	3.8	18
15	HTEM noise frequency characteristics simulation and influencing analysis. , 2015, , .		4
16	Time-dependent magnetometric resistivity anomalies of groundwater contamination: Synthetic results from computational hydro-geophysical modeling. <i>Applied Geophysics</i> , 2008, 5, 322-330.	0.6	8
17	Numerical investigation of the influence of volcanic facies architecture on hydrothermal fluid migration: Example of the Mount Read Volcanics, western Tasmania, Australia. <i>Journal of Geochemical Exploration</i> , 2006, 89, 474-479.	3.2	3