

Kai-Bo Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

509
citations

759233

12
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docs citations

38
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep graph feature learning-based diagnosis approach for rotating machinery using multi-sensor data. <i>Journal of Intelligent Manufacturing</i> , 2023, 34, 1965-1974.	7.3	13
2	SuperGraph: Spatial-Temporal Graph-Based Feature Extraction for Rotating Machinery Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 4167-4176.	7.9	82
3	Dynamic Graph-Based Feature Learning With Few Edges Considering Noisy Samples for Rotating Machinery Fault Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 10595-10604.	7.9	49
4	An improved lithology identification approach based on representation enhancement by logging feature decomposition, selection and transformation. <i>Journal of Petroleum Science and Engineering</i> , 2022, 209, 109842.	4.2	12
5	An improved multi-channel graph convolutional network and its applications for rotating machinery diagnosis. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 190, 110720.	5.0	25
6	Transferable graph features-driven cross-domain rotating machinery fault diagnosis. <i>Knowledge-Based Systems</i> , 2022, 250, 109069.	7.1	17
7	Transfer Graph-Driven Rotating Machinery Diagnosis Considering Cross-Domain Relationship Construction. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 5351-5360.	5.8	11
8	A Node-Level PathGraph-Based Bearing Remaining Useful Life Prediction Method. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10.	4.7	8
9	Rotated Feature Network for Multiorientation Object Detection of Remote-Sensing Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 33-37.	3.1	17
10	Colon Polyp Detection and Segmentation Based on Improved MRCNN. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	4.7	16
11	Data-driven prediction and analysis method for nanoparticle transport behavior in porous media. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 172, 108869.	5.0	12
12	Domain adaptation-based deep feature learning method with a mixture of distance measures for bearing fault diagnosis. <i>Measurement Science and Technology</i> , 2021, 32, 095105.	2.6	10
13	Automatic Recognition of Communication Signal Modulation Based on the Multiple-Parallel Complex Convolutional Neural Network. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-11.	1.2	2
14	Imbalanced fault diagnosis of rotating machinery using autoencoder-based SuperGraph feature learning. <i>Frontiers of Mechanical Engineering</i> , 2021, 16, 829-839.	4.3	29
15	An imbalance aware lithography hotspot detection method based on HDAM and pre-trained GoogLeNet. <i>Measurement Science and Technology</i> , 2021, 32, 125008.	2.6	6
16	Sequential data-driven cross-domain lithology identification under logging data distribution discrepancy. <i>Measurement Science and Technology</i> , 2021, 32, 125122.	2.6	10
17	Fault diagnosis of key components in the rotating machinery based on Fourier transform multi-filter decomposition and optimized LightGBM. <i>Measurement Science and Technology</i> , 2021, 32, 015004.	2.6	16
18	Power Spectral Entropy-based Graph Construction for Rotating Machinery Diagnosis Using Multi-sensor. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	An Improved Deep Forest Model Combining Adaptive Synthetic Sampling for Automatic Lithology Identification. , 2021, , .		1
20	Fast prediction of reservoir permeability based on embedded feature selection and LightGBM using direct logging data. Measurement Science and Technology, 2020, 31, 045101.	2.6	25
21	A Feature Transferring Fault Diagnosis based on WPDR, FSWT and GoogLeNet. , 2020, , .		6
22	A gradient boosting decision tree algorithm combining synthetic minority oversampling technique for lithology identification. Geophysics, 2020, 85, WA147-WA158.	2.6	64
23	Neural-Adaptive Finite-Time Formation Tracking Control of Multiple Nonholonomic Agents With a Time-Varying Target. IEEE Access, 2020, 8, 62943-62953.	4.2	5
24	Cross-Domain Fault Diagnosis Method for Rotating Machinery Based on Multi-Representation Adaptation Neural Network. , 2020, , .		3
25	An Information Entropy-Based Modeling Method for the Measurement System. Entropy, 2019, 21, 691.	2.2	5
26	An improved TSVD-GCV inversion algorithm of pore size distribution in time-domain induced polarization using migration Hankel matrix. Journal of Petroleum Science and Engineering, 2019, 183, 106368.	4.2	2
27	A modified neighborhood mutual information and light gradient boosting machine-based long-term prediction approach for anode effect. Measurement Science and Technology, 2019, 30, 115105.	2.6	3
28	A Hybrid Multi-Objective Optimization Model for Vibration Tendency Prediction of Hydropower Generators. Sensors, 2019, 19, 2055.	3.8	17
29	A fault diagnosis approach for rolling bearing based on Fourier transform multi-filter decomposition and symbolic dynamic entropy. , 2019, , .		0
30	Aluminum Electrolysis Multi-fault Diagnosis Using Wavelet Packet Decomposition and Directed Acyclic Graph Support Vector Machine. , 2019, , .		1
31	Anode effect prediction based on Light Gradient Boosting Machine. , 2019, , .		1
32	Anode effect prediction based on a singular value thresholding and extreme gradient boosting approach. Measurement Science and Technology, 2019, 30, 015104.	2.6	11
33	Anode Effect prediction based on Expectation Maximization and XGBoost model. , 2018, , .		3
34	Research into the inversion of the induced polarization relaxation time spectrum based on the uniform amplitude sampling method. Petroleum Science, 2016, 13, 64-76.	4.9	2
35	Anode effect prediction of aluminum electrolysis using GRNN. , 2015, , .		9
36	Cell resistance slope combined with LVQ neural network for prediction of anode effect. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
37	Permeability estimation using relaxation time spectra derived from differential evolution inversion. Journal of Geophysics and Engineering, 2014, 11, .	1.4	5
38	A time domain induced polarization relaxation time spectrum inversion method based on a damping factor and residual correction. Petroleum Science, 2014, 11, 519-525.	4.9	3