

Boyuan Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4908126/publications.pdf>

Version: 2024-02-01

13
papers

2,735
citations

840585

11
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

2506
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence for fault diagnosis of rotating machinery: A review. <i>Mechanical Systems and Signal Processing</i> , 2018, 108, 33-47.	4.4	1,401
2	Dislocated Time Series Convolutional Neural Architecture: An Intelligent Fault Diagnosis Approach for Electric Machine. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 1310-1320.	7.2	268
3	Remaining Useful Life Prediction Based on a Double-Convolutional Neural Network Architecture. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 9521-9530.	5.2	253
4	Multiscale Kernel Based Residual Convolutional Neural Network for Motor Fault Diagnosis Under Nonstationary Conditions. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 3797-3806.	7.2	211
5	Fault Diagnosis for a Wind Turbine Generator Bearing via Sparse Representation and Shift-Invariant K-SVD. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 1321-1331.	7.2	177
6	Time-frequency atoms-driven support vector machine method for bearings incipient fault diagnosis. <i>Mechanical Systems and Signal Processing</i> , 2016, 75, 345-370.	4.4	143
7	Simultaneous Bearing Fault Recognition and Remaining Useful Life Prediction Using Joint-Loss Convolutional Neural Network. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 87-96.	7.2	118
8	Sparse Time-Frequency Representation for Incipient Fault Diagnosis of Wind Turbine Drive Train. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018, 67, 2616-2627.	2.4	64
9	Feature Identification With Compressive Measurements for Machine Fault Diagnosis. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016, 65, 977-987.	2.4	43
10	Acoustic Emission Analysis for Wind Turbine Blade Bearing Fault Detection Under Time-Varying Low-Speed and Heavy Blade Load Conditions. <i>IEEE Transactions on Industry Applications</i> , 2021, 57, 2791-2800.	3.3	29
11	Compressed-Sensing-Based Periodic Impulsive Feature Detection for Wind Turbine Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 2933-2945.	7.2	22
12	Fast Nonlinear Chirplet Dictionary-Based Sparse Decomposition for Rotating Machinery Fault Diagnosis Under Nonstationary Conditions. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 4736-4745.	2.4	6
13	Sparse representation based on redundant dictionary and basis pursuit denoising for wind turbine gearbox fault diagnosis. , 2016, , .		0