

Bo Jing

List of Publications by Year in descending order

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35
papers

237
citations

1684188

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h-index

1058476

14
g-index

35
all docs

35
docs citations

35
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	A Diagnosis Framework for High-reliability Equipment with Small Sample Based on Transfer Learning. Complexity, 2022, 2022, 1-15.	1.6	2
2	Research on Life Prediction of Oxygen Concentrator Based on Improved VMD-NAR Neural Network. , 2022, , .		1
3	Failure Analysis and Modeling of Solder Joints in BGA Packaged Electronic Chips. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 43-50.	2.5	12
4	Accelerated Degradation Test Design and Degradation Trajectory Prediction of Radar Gain Control Module. , 2021, , .		0
5	Analysis and Application of Grey Wolf Optimizer-Long Short-Term Memory. IEEE Access, 2020, 8, 121460-121468.	4.2	15
6	A Health Indicator for Interconnect structure of QFP Package Under Vibration and Steady Temperature. IEEE Access, 2020, 8, 122898-122907.	4.2	2
7	Degradation Pattern Identification and Remaining Useful Life Prediction for Mechanical Equipment Using SKF-EN. IEEE Access, 2020, 8, 147662-147672.	4.2	2
8	Study on Chip Reliability Modeling Based on Mutually Dependent Competing Failure of Solder Joints in Different Failure Modes. IEEE Access, 2020, 8, 204695-204708.	4.2	3
9	Study on Establishing Degradation Model of Chip Solder Joint Material under Coupled Stress. Materials, 2020, 13, 1813.	2.9	3
10	A remaining useful life prediction method for airborne fuel pump after maintenance. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 5660-5673.	1.3	2
11	Research of Equipment Fault Diagnosis Based on PHM High Performance Computing Platform. , 2019, , .		1
12	Blind DOA Estimation in a Reverberant Environment Based on Hybrid Initialized Multichannel Deep 2-D Convolutional NMF With Feedback Mechanism. IEEE Access, 2019, 7, 179679-179689.	4.2	6
13	Design of a High-Performance Prognostics and Health Management Platform for Weapon Equipment. , 2018, , .		1
14	Experimental Study on Interconnected Structures Failure of Electronic Packaging Under Vibration Load. , 2018, , .		0
15	Research on Life Prediction of Airborne Fuel Pump Based on Combination of Degradation Data and Life Data. , 2018, , .		2
16	An Improved Binary Wolf Pack Algorithm for Solving Optimal Sensor Selection Problems. , 2018, , .		2
17	Research of Prognostic and Health Management for Avionics System Based on Massive Data Mining. , 2018, , .		5
18	Fault Feature Selection and Diagnosis of Rolling Bearings Based on EEMD and Optimized Elman_AdaBoost Algorithm. IEEE Sensors Journal, 2018, 18, 5024-5034.	4.7	115

#	ARTICLE	IF	CITATIONS
19	Failure mode analysis of board-level solder joint under random vibration load. , 2018, , .		2
20	Vibration failure processes evaluation of board level solder joints based on degeneration data. , 2017, , .		4
21	A method of board " Level solder degradation analysis under harmonic excitation using regression approximation model. , 2017, , .		1
22	Heuristic particle swarm optimization approach for test point selection with imperfect test. Journal of Intelligent Manufacturing, 2017, 28, 37-50.	7.3	11
23	GARCH based degradation modeling of solder joint under vibration loading. , 2017, , .		4
24	Effects of different vibration directions on the damage mechanism of BGA under vibration loading coupled with cyclic thermal. , 2016, , .		4
25	A fault diagnosis approach for airborne fuel pump based on EMD and probabilistic neural networks. , 2016, , .		7
26	Multistate Degradation Model for Prognostics of Solder Joints Under Vibration Conditions. Chinese Journal of Electronics, 2016, 25, 779-785.	1.5	5
27	Feature extraction for latent fault detection and failure modes classification of board-level package under vibration loadings. Science China Technological Sciences, 2015, 58, 1905-1914.	4.0	14
28	A Random Compressive Sensing Method for Airborne Clustering WSNs. International Journal of Distributed Sensor Networks, 2015, 11, 502853.	2.2	0
29	Fusion sparse coding algorithm for impulse feature extraction in machinery weak fault detection. , 2014, , .		2
30	Fault Diagnosis of Tolerance Analog Circuit Based on Wavelet Neural Network with PSO Algorithm. Applied Mechanics and Materials, 2013, 307, 312-315.	0.2	4
31	Adaptive BP Wavelet Neural Network Method for Soft Fault Diagnosis in Analog Circuit. Applied Mechanics and Materials, 2013, 307, 327-330.	0.2	1
32	Wireless sensor networks prototype system for PHM. , 2010, , .		1
33	Dynamic non-average-slot MAC layer protocol for wireless sensor networks. , 2010, , .		0
34	Fault Locating Arithmetic for Multi-Source Network Cluster Nodes Based on Comparison. , 2008, , .		2
35	Location Discovery and Error Analysis of Wireless Sensor Networks Based on Difference of Arrival Time of Beacon Signals. , 2007, , .		1