

Dezhen Yang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

552
citations

840119

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g-index

20
all docs

20
docs citations

20
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Availability-based engineering resilience metric and its corresponding evaluation methodology. Reliability Engineering and System Safety, 2018, 172, 216-224.	5.1	188
2	Agent-based restoration approach for reliability with load balancing on smart grids. Applied Energy, 2019, 249, 46-57.	5.1	68
3	Resilience design method based on meta-structure: A case study of offshore wind farm. Reliability Engineering and System Safety, 2019, 186, 232-244.	5.1	65
4	A GO-FLOW and Dynamic Bayesian Network Combination Approach for Reliability Evaluation With Uncertainty: A Case Study on a Nuclear Power Plant. IEEE Access, 2018, 6, 7177-7189.	2.6	35
5	Remaining useful life prediction of aviation circular electrical connectors using vibration-induced physical model and particle filtering method. Microelectronics Reliability, 2019, 92, 114-122.	0.9	33
6	Group maintenance optimization of subsea Xmas trees with stochastic dependency. Reliability Engineering and System Safety, 2021, 209, 107450.	5.1	27
7	A Novel Model of Reliability Assessment for Circular Electrical Connectors. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 755-761.	1.4	26
8	A reliability evaluation method for radial multi-microgrid systems considering distribution network transmission capacity. Computers and Industrial Engineering, 2020, 139, 106145.	3.4	23
9	Sealing reliability modeling of aviation seal based on interval uncertainty method and multidimensional response surface. Chinese Journal of Aeronautics, 2019, 32, 2188-2198.	2.8	15
10	A Gamma Process-Based Prognostics Method for CCT Shift of High-Power White LEDs. IEEE Transactions on Electron Devices, 2018, 65, 2909-2916.	1.6	13
11	System Dynamic Behavior Modeling Based on Extended GO Methodology. IEEE Access, 2018, 6, 22513-22523.	2.6	12
12	An Agent-Based Reliability and Performance Modeling Approach for Multistate Complex Human-Machine Systems With Dynamic Behavior. IEEE Access, 2019, 7, 135300-135311.	2.6	10
13	An agent-based approach for resources' joint planning in a multi-echelon inventory system considering lateral transshipment. Computers and Industrial Engineering, 2019, 138, 106098.	3.4	8
14	An agent-based dynamic reliability modeling method for multistate systems considering fault propagation: A case study on subsea Christmas trees. Chemical Engineering Research and Design, 2022, 158, 20-33.	2.7	8
15	General Stress-Strength Interference and Gamma Process Combined Method for Space Solar Cell Components Reliability Analysis. IEEE Access, 2019, 7, 80840-80848.	2.6	6
16	A New Algorithm of GO Methodology Based on Minimal Path Set. AASRI Procedia, 2012, 3, 368-374.	0.6	5
17	A Time-Variant Reliability Model for Copper Bending Pipe under Seawater-Active Corrosion Based on the Stochastic Degradation Process. Materials, 2018, 11, 507.	1.3	3
18	A Heuristic Hybrid Optimization Approach for Spare Parts and Maintenance Workers Under Partial Pooling. IEEE Access, 2019, 7, 137835-137847.	2.6	3

#	ARTICLE	IF	CITATIONS
19	An Archimedean Copula Function-Based Prediction Method for High-Power White LED Considering Multi-Performance. IEEE Transactions on Electron Devices, 2019, 66, 3405-3410.	1.6	3
20	The debonding failure mechanism analysis and performance experiments of 3D printed wiring boards. , 2020, , .		1