

Jiangbin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

374
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in system reliability optimization driven by importance measures. <i>Frontiers of Engineering Management</i> , 2020, 7, 335-358.	6.1	63
2	A multi-objective reliability optimization for reconfigurable systems considering components degradation. <i>Reliability Engineering and System Safety</i> , 2019, 183, 104-115.	8.9	50
3	Reliability analysis for series manufacturing system with imperfect inspection considering the interaction between quality and degradation. <i>Reliability Engineering and System Safety</i> , 2019, 189, 345-356.	8.9	49
4	Comparing with the joint importance under consideration of consecutive-k-out-of-n system structure changes. <i>Reliability Engineering and System Safety</i> , 2022, 219, 108255.	8.9	39
5	Mission success probability optimization for phased-mission systems with repairable component modules. <i>Reliability Engineering and System Safety</i> , 2020, 195, 106750.	8.9	23
6	Mission success evaluation of repairable phased-mission systems with spare parts. <i>Computers and Industrial Engineering</i> , 2019, 132, 248-259.	6.3	20
7	Importance measure construction and solving algorithm oriented to the cost-constrained reliability optimization model. <i>Reliability Engineering and System Safety</i> , 2022, 222, 108406.	8.9	18
8	Some extensions of the component maintenance priority. <i>Reliability Engineering and System Safety</i> , 2021, 214, 107729.	8.9	17
9	Reliability optimization of linear consecutive-k-out-of-n: F systems driven by reconfigurable importance. <i>Reliability Engineering and System Safety</i> , 2021, 216, 107994.	8.9	16
10	Component reassignment for reliability optimization of reconfigurable systems considering component degradation. <i>Reliability Engineering and System Safety</i> , 2021, 215, 107867.	8.9	15
11	Maintenance Optimization of Continuous State Systems Based on Performance Improvement. <i>IEEE Transactions on Reliability</i> , 2018, 67, 651-665.	4.6	9
12	Multiobjective optimization of reliabilityâ€“redundancy allocation problems for serial parallel-series systems based on importance measure. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019, 233, 881-897.	0.7	9
13	Research of mission success importance for a multi-state repairable k -out-of- n system. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401876220.	1.6	8
14	Reliability optimization of linear consecutive k-out-of-n: F systems with Birnbaum importanceâ€“based quantum genetic algorithm. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401984299.	1.6	8
15	Optimization of Linear Consecutive-k-Out-of-n Systems with Birnbaum Importance Based Ant Colony Optimization Algorithm. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2020, 25, 253-260.	0.9	8
16	Reliability optimization of systems with component improvement cost based on importance measure. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401880978.	1.6	7
17	Post-Disaster Recovery optimization for Road-Bridge Network Considering Restoration Ability and Economic Loss. , 2020, , .		5
18	Maintenance optimization of reconfigurable systems based on multi-objective Birnbaum importance. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2022, 236, 277-289.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Reliability Optimization and Importance Analysis of Circular-Consecutive k-out-of-n System. Mathematical Problems in Engineering, 2017, 2017, 1-17.	1.1	2
20	Importance Degree Evaluation of Spare Parts Based on Clustering Algorithm and Back-Propagation Neural Network. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	2
21	Time-dependent Reliability Analysis of a Nonrepairable Multifunctional System Containing Multifunctional Components. , 2020, , .		1