

Xiujie Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

784
citations

516215

16
h-index

525886

27
g-index

31
all docs

31
docs citations

31
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive toolbox for the gamma distribution: The gammadist package. <i>Journal of Quality Technology</i> , 2023, 55, 75-87.	1.8	3
2	Reliability testing for product return prediction. <i>European Journal of Operational Research</i> , 2023, 304, 1349-1363.	3.5	1
3	Optimal warranty policy design for deteriorating products with random failure threshold. <i>Reliability Engineering and System Safety</i> , 2022, 218, 108142.	5.1	25
4	A finite-time maintenance policy of deteriorating systems with multiple dependent performance characteristics. <i>Journal of Management Science and Engineering</i> , 2022, 7, 439-452.	1.9	3
5	Maintenance Policies for Two-Unit Balanced Systems Subject to Degradation. <i>IEEE Transactions on Reliability</i> , 2022, 71, 1116-1126.	3.5	5
6	A risk-aware maintenance model based on a constrained Markov decision process. <i>IIEE Transactions</i> , 2022, 54, 1072-1083.	1.6	3
7	Maintenance optimisation for systems with multi-dimensional degradation and imperfect inspections. <i>International Journal of Production Research</i> , 2021, 59, 7537-7559.	4.9	17
8	A performance-based warranty for products subject to competing hard and soft failures. <i>International Journal of Production Economics</i> , 2021, 233, 107974.	5.1	31
9	A finite-horizon condition-based maintenance policy for a two-unit system with dependent degradation processes. <i>European Journal of Operational Research</i> , 2021, 295, 705-717.	3.5	56
10	Joint monitoring of post-sales online review processes based on a distribution-free EWMA scheme. <i>Computers and Industrial Engineering</i> , 2021, 158, 107372.	3.4	16
11	Accelerated degradation tests with inspection effects. <i>European Journal of Operational Research</i> , 2021, 292, 1099-1114.	3.5	17
12	Planning accelerated reliability tests for mission-oriented systems subject to degradation and shocks. <i>IIEE Transactions</i> , 2020, 52, 91-103.	1.6	13
13	A complimentary extended warranty: Profit analysis and pricing strategy. <i>International Journal of Production Economics</i> , 2020, 229, 107860.	5.1	28
14	Life cycle cost analysis considering multiple dependent degradation processes and environmental influence. <i>Reliability Engineering and System Safety</i> , 2020, 197, 106784.	5.1	36
15	Design and pricing of extended warranty menus based on the multinomial logit choice model. <i>European Journal of Operational Research</i> , 2020, 287, 237-250.	3.5	45
16	Optimal inspection and replacement policy based on experimental degradation data with covariates. <i>IIEE Transactions</i> , 2019, 51, 322-336.	1.6	50
17	An adaptive two-stage Bayesian model averaging approach to planning and analyzing accelerated life tests under model uncertainty. <i>Journal of Quality Technology</i> , 2019, 51, 181-197.	1.8	9
18	Parameter estimation for load-sharing system subject to Wiener degradation process using the expectation-maximization algorithm. <i>Quality and Reliability Engineering International</i> , 2019, 35, 1010-1024.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Development of RVM-Based Multiple-Output Soft Sensors With Serial and Parallel Stacking Strategies. IEEE Transactions on Control Systems Technology, 2019, 27, 2727-2734.	3.2	34
20	Bayesian planning of step-stress accelerated degradation tests under various optimality criteria. Applied Stochastic Models in Business and Industry, 2019, 35, 537-551.	0.9	8
21	Utilizing experimental degradation data for warranty cost optimization under imperfect repair. Reliability Engineering and System Safety, 2018, 177, 108-119.	5.1	37
22	A Mixture of Variational Canonical Correlation Analysis for Nonlinear and Quality-Relevant Process Monitoring. IEEE Transactions on Industrial Electronics, 2018, 65, 6478-6486.	5.2	110
23	Investigating the root causes of major failures of critical components " With a case study of asbestos cement pipes. Engineering Failure Analysis, 2018, 84, 121-130.	1.8	6
24	Reliability Modeling and Analysis of Load-Sharing Systems With Continuously Degrading Components. IEEE Transactions on Reliability, 2018, 67, 1096-1110.	3.5	51
25	Optimal condition-based maintenance policy with delay for systems subject to competing failures under continuous monitoring. Computers and Industrial Engineering, 2018, 124, 535-544.	3.4	36
26	Accelerated Degradation Tests Planning With Competing Failure Modes. IEEE Transactions on Reliability, 2018, 67, 142-155.	3.5	34
27	Using accelerated life tests data to predict warranty cost under imperfect repair. Computers and Industrial Engineering, 2017, 107, 223-234.	3.4	42
28	Heuristic hybrid game approach for fleet condition-based maintenance planning. Reliability Engineering and System Safety, 2017, 157, 166-176.	5.1	47
29	Reliability and performance modeling for mission-oriented k-out-of-n system under common cause failures. , 2016, , .		1
30	Imperfect Inspection Policy for Systems with Multiple Correlated Degradation Processes. IFAC-PapersOnLine, 2016, 49, 1377-1382.	0.5	8
31	Performance-oriented risk evaluation and maintenance for multi-asset systems: A Bayesian perspective. IISE Transactions, 0, , 1-20.	1.6	4