

Xiujie Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

784
citations

516710

16
h-index

526287

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. Journal of Quality Technology, 2023, 55, 75-87.	2.5	3
2	Reliability testing for product return prediction. European Journal of Operational Research, 2023, 304, 1349-1363.	5.7	1
3	Optimal warranty policy design for deteriorating products with random failure threshold. Reliability Engineering and System Safety, 2022, 218, 108142.	8.9	25
4	A finite-time maintenance policy of deteriorating systems with multiple dependent performance characteristics. Journal of Management Science and Engineering, 2022, 7, 439-452.	2.8	3
5	Maintenance Policies for Two-Unit Balanced Systems Subject to Degradation. IEEE Transactions on Reliability, 2022, 71, 1116-1126.	4.6	5
6	A risk-aware maintenance model based on a constrained Markov decision process. IIE Transactions, 2022, 54, 1072-1083.	2.4	3
7	Maintenance optimisation for systems with multi-dimensional degradation and imperfect inspections. International Journal of Production Research, 2021, 59, 7537-7559.	7.5	17
8	A performance-based warranty for products subject to competing hard and soft failures. International Journal of Production Economics, 2021, 233, 107974.	8.9	31
9	A finite-horizon condition-based maintenance policy for a two-unit system with dependent degradation processes. European Journal of Operational Research, 2021, 295, 705-717.	5.7	56
10	Joint monitoring of post-sales online review processes based on a distribution-free EWMA scheme. Computers and Industrial Engineering, 2021, 158, 107372.	6.3	16
11	Accelerated degradation tests with inspection effects. European Journal of Operational Research, 2021, 292, 1099-1114.	5.7	17
12	Planning accelerated reliability tests for mission-oriented systems subject to degradation and shocks. IIE Transactions, 2020, 52, 91-103.	2.4	13
13	A complimentary extended warranty: Profit analysis and pricing strategy. International Journal of Production Economics, 2020, 229, 107860.	8.9	28
14	Life cycle cost analysis considering multiple dependent degradation processes and environmental influence. Reliability Engineering and System Safety, 2020, 197, 106784.	8.9	36
15	Design and pricing of extended warranty menus based on the multinomial logit choice model. European Journal of Operational Research, 2020, 287, 237-250.	5.7	45
16	Optimal inspection and replacement policy based on experimental degradation data with covariates. IIE Transactions, 2019, 51, 322-336.	2.4	50
17	An adaptive two-stage Bayesian model averaging approach to planning and analyzing accelerated life tests under model uncertainty. Journal of Quality Technology, 2019, 51, 181-197.	2.5	9
18	Parameter estimation for load-sharing system subject to Wiener degradation process using the expectation-maximization algorithm. Quality and Reliability Engineering International, 2019, 35, 1010-1024.	2.3	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.	5.2	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.	1.5	8
21	Utilizing experimental degradation data for warranty cost optimization under imperfect repair. Reliability Engineering and System Safety, 2018, 177, 108-119.	8.9	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.	7.9	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.	4.0	6
24	Reliability Modeling and Analysis of Load-Sharing Systems With Continuously Degrading Components. IEEE Transactions on Reliability, 2018, 67, 1096-1110.	4.6	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.	6.3	36
26	Accelerated Degradation Tests Planning With Competing Failure Modes. IEEE Transactions on Reliability, 2018, 67, 142-155.	4.6	34
27	Using accelerated life tests data to predict warranty cost under imperfect repair. Computers and Industrial Engineering, 2017, 107, 223-234.	6.3	42
28	Heuristic hybrid game approach for fleet condition-based maintenance planning. Reliability Engineering and System Safety, 2017, 157, 166-176.	8.9	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.	0.9	8
31	Performance-oriented risk evaluation and maintenance for multi-asset systems: A Bayesian perspective. IIE Transactions, 0, , 1-20.	2.4	4