Min Xie

List of Publications by Year
in descending order

205 papers	6,919 citations	53751 45 h-index	82499 72 g-index
206 all docs	206 docs citations	206 times ranked	4285 citing authors

#	Article	IF	Citations
1	Stochastic modelling and analysis of degradation for highly reliable products. Applied Stochastic Models in Business and Industry, 2015, 31, 16-32.	0.9	485
2	A modified Weibull distribution. IEEE Transactions on Reliability, 2003, 52, 33-37.	3.5	397
3	A Dynamic-Bayesian-Network-Based Fault Diagnosis Methodology Considering Transient and Intermittent Faults. IEEE Transactions on Automation Science and Engineering, 2017, 14, 276-285.	3.4	203
4	Accelerated Degradation Test Planning Using the Inverse Gaussian Process. IEEE Transactions on Reliability, 2014, 63, 750-763.	3.5	154
5	An empirical analysis of data preprocessing for machine learning-based software cost estimation. Information and Software Technology, 2015, 67, 108-127.	3.0	122
6	Degradation-based burn-in with preventive maintenance. European Journal of Operational Research, 2012, 221, 360-367.	3.5	116
7	Degradation-based maintenance decision using stochastic filtering for systems under imperfect maintenance. European Journal of Operational Research, 2015, 245, 531-541.	3.5	116
8	Availability and reliability of k-out-of-(M+N):G warm standby systems. Reliability Engineering and System Safety, 2006, 91, 381-387.	5.1	111
9	A study of the effect of imperfect debugging on software development cost. IEEE Transactions on Software Engineering, 2003, 29, 471-473.	4.3	107
10	On the solution of renewal-type integral equations. Communications in Statistics Part B: Simulation and Computation, 1989, 18, 281-293.	0.6	100
11	Reliability analysis and optimal version-updating for open source software. Information and Software Technology, 2011, 53, 929-936.	3.0	99
12	Dealing with subjectivity in early product design phase: A systematic approach to exploit Quality Function Deployment potentials. Computers and Industrial Engineering, 2008, 55, 253-278.	3.4	92
13	A value-based preventive maintenance policy for multi-component system with continuously degrading components. Reliability Engineering and System Safety, 2014, 132, 83-89.	5.1	86
14	On the upper truncated Weibull distribution and its reliability implications. Reliability Engineering and System Safety, 2011, 96, 194-200.	5.1	85
15	Cost analysis for multi-component system with failure interaction under renewing free-replacement warranty. European Journal of Operational Research, 2015, 243, 874-882.	3.5	82
16	Modeling and Analysis of Correlated Software Failures of Multiple Types. IEEE Transactions on Reliability, 2005, 54, 100-106.	3.5	80
17	Semiparametric Estimation of Gamma Processes for Deteriorating Products. Technometrics, 2014, 56, 504-513.	1.3	77
18	Ranking of customer requirements in a competitive environment. Computers and Industrial Engineering, 2008, 54, 202-214.	3.4	75

#	Article	IF	Citations
19	Sensitivity analysis of release time of software reliability models incorporating testing effort with multiple change-points. Applied Mathematical Modelling, 2010, 34, 3560-3570.	2.2	75
20	Degradation-Based Burn-In Planning Under Competing Risks. Technometrics, 2012, 54, 159-168.	1.3	75
21	Dynamic availability assessment and optimal component design of multi-state weighted k-out-of-n systems. Reliability Engineering and System Safety, 2014, 123, 57-62.	5.1	75
22	Accident risk assessment in marine transportation via Markov modelling and Markov Chain Monte Carlo simulation. Ocean Engineering, 2014, 91, 363-370.	1.9	75
23	A fuzzy TOPSIS and Rough Set based approach for mechanism analysis of product infant failure. Engineering Applications of Artificial Intelligence, 2016, 47, 25-37.	4.3	75
24	Modeling and analysis of reliability of multi-release open source software incorporating both fault detection and correction processes. Journal of Systems and Software, 2016, 115, 102-110.	3.3	72
25	Design of exponential control charts using a sequential sampling scheme. IIE Transactions, 2006, 38, 1105-1116.	2.1	68
26	Failure Data Analysis with Extended Weibull Distribution. Communications in Statistics Part B: Simulation and Computation, 2007, 36, 579-592.	0.6	66
27	Accident analysis model based on Bayesian Network and Evidential Reasoning approach. Journal of Loss Prevention in the Process Industries, 2013, 26, 10-21.	1.7	64
28	Uncertainty Analysis in Software Reliability Modeling by Bayesian Analysis with Maximum-Entropy Principle. IEEE Transactions on Software Engineering, 2007, 33, 781-795.	4.3	62
29	Grid Service Reliability Modeling and Optimal Task Scheduling Considering Fault Recovery. IEEE Transactions on Reliability, 2011, 60, 263-274.	3.5	62
30	A game-theoretical approach for optimizing maintenance, spares and service capacity in performance contracting. International Journal of Production Economics, 2015, 161, 31-43.	5.1	62
31	A Bayesian Approach for System Reliability Analysis With Multilevel Pass-Fail, Lifetime and Degradation Data Sets. IEEE Transactions on Reliability, 2013, 62, 689-699.	3.5	60
32	Reliability modeling and preventive maintenance of load-sharing systemswith degrading components. IIE Transactions, 2016, 48, 699-709.	2.1	60
33	A study of EWMA chart with transformed exponential data. International Journal of Production Research, 2007, 45, 743-763.	4.9	58
34	A study of interval analysis for cold-standby system reliability optimization under parameter uncertainty. Computers and Industrial Engineering, 2016, 97, 93-100.	3.4	58
35	Investigations of Human and Organizational Factors in hazardous vapor accidents. Journal of Hazardous Materials, 2011, 191, 69-82.	6.5	57
36	On the dual reliability systems of and. Statistics and Probability Letters, 2006, 76, 1081-1088.	0.4	56

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37	Optimizing survivability of multi-state systems with multi-level protection by multi-processor genetic algorithm. Reliability Engineering and System Safety, 2003, 82, 93-104.	5.1	55
38	Some improvements on adaptive genetic algorithms for reliability-related applications. Reliability Engineering and System Safety, 2010, 95, 120-126.	5.1	54
39	Element maintenance and allocation for linear consecutively connected systems. IIE Transactions, 2012, 44, 964-973.	2.1	54
40	An Integrated Framework for Risk Response Planning Under Resource Constraints in Large Engineering Projects. IEEE Transactions on Engineering Management, 2013, 60, 627-639.	2.4	52
41	On a general periodic preventive maintenance policy incorporating warranty contracts and system ageing losses. International Journal of Production Economics, 2011, 129, 102-110.	5.1	51
42	Adaptive Event-Triggered Observer-Based Output Feedback $\mathcal{L}_{\infty}$ Load Frequency Control for Networked Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 3952-3962.	7.2	51
43	A framework for virtual enterprise control with the holonic manufacturing paradigm. Computers in Industry, 2002, 49, 299-310.	5.7	50
44	A Methodology to Improve Higher Education Quality using the Quality Function Deployment and Analytic Hierarchy Process. Total Quality Management and Business Excellence, 2007, 18, 1097-1115.	2.4	49
45	Economic design of cumulative count of conforming charts under inspection by samples. International Journal of Production Economics, 2008, 111, 93-104.	5.1	49
46	A systematic methodology to deal with the dynamics of customer needs in Quality Function Deployment. Expert Systems With Applications, 2011, 38, 3653-3662.	4.4	49
47	Optimal burn-in for repairable products sold with a two-dimensional warranty. IIE Transactions, 2013, 45, 164-176.	2.1	48
48	THE EFFECTS OF RESIDENTIAL TURNOVER ON HOUSEHOLD VICTIMIZATION*. Criminology, 2008, 46, 539-575.	2.0	47
49	Optimal structure of multi-state systems with multi-fault coverage. Reliability Engineering and System Safety, 2013, 119, 18-25.	5.1	47
50	A condition-based maintenance strategy for heterogeneous populations. Computers and Industrial Engineering, 2014, 77, 103-114.	3.4	46
51	A Study of Reliability of Multiâ€Ŝtate Systems with Two Performance Sharing Groups. Quality and Reliability Engineering International, 2016, 32, 2623-2632.	1.4	46
52	Multiresponse systems optimization using a goal attainment approach. IIE Transactions, 2004, 36, 433-445.	2.1	45
53	A Supervised Bidirectional Long Short-Term Memory Network for Data-Driven Dynamic Soft Sensor Modeling. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	45
54	Efficient estimation of the weibull shape parameter based on a modified profile likelihood. Journal of Statistical Computation and Simulation, 2003, 73, 115-123.	0.7	43

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55	Design of exponential control charts based on average time to signal using a sequential sampling scheme. International Journal of Production Research, 2015, 53, 2131-2145.	4.9	43
56	Models and monitoring of zeroâ€inflated processes: The past and current trends. Quality and Reliability Engineering International, 2019, 35, 2540-2557.	1.4	42
57	A simple goodness-of-fit test for the power-law process, based on the duane plot. IEEE Transactions on Reliability, 2003, 52, 69-74.	3.5	40
58	Economic design of exponential charts for time between events monitoring. International Journal of Production Research, 2005, 43, 5019-5032.	4.9	40
59	Availability Modeling and Cost Optimization for the Grid Resource Management System. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2008, 38, 170-179.	3.4	39
60	Adaptive ridge regression system for software cost estimating on multi-collinear datasets. Journal of Systems and Software, 2010, 83, 2332-2343.	3.3	39
61	A generic data-driven software reliability model with model mining technique. Reliability Engineering and System Safety, 2010, 95, 671-678.	5.1	39
62	Probability analysis of offshore fire by incorporating human and organizational factor. Ocean Engineering, 2011, 38, 2042-2055.	1.9	39
63	Optimal resource distribution between protection and redundancy considering the time and uncertainties of attacks. European Journal of Operational Research, 2015, 243, 200-210.	3.5	38
64	Subjective operational reliability assessment of maritime transportation system. Expert Systems With Applications, 2011, 38, 13835-13835.	4.4	37
65	Life cycle reliability assessment of new productsâ€"A Bayesian model updating approach. Reliability Engineering and System Safety, 2013, 112, 109-119.	5.1	37
66	Design of Gamma Charts Based on Average Time to Signal. Quality and Reliability Engineering International, 2016, 32, 1041-1058.	1.4	37
67	Utilizing experimental degradation data for warranty cost optimization under imperfect repair. Reliability Engineering and System Safety, 2018, 177, 108-119.	5.1	37
68	Rank-based EWMA procedure for sequentially detecting changes of process location and variability. Quality Technology and Quantitative Management, 2018, 15, 354-373.	1.1	37
69	A model for integer-valued time series with conditional overdispersion. Computational Statistics and Data Analysis, 2012, 56, 4229-4242.	0.7	36
70	Design and application of exponential chart for monitoring time-between-events data under random process shift. International Journal of Advanced Manufacturing Technology, 2011, 57, 849-857.	1.5	35
71	Reliability evaluation of hard disk drive failures based on counting processes. Reliability Engineering and System Safety, 2013, 109, 110-118.	5.1	35
72	Neighborhood immigrant concentration and violent crime reporting to the police: A multilevel analysis of data from the National Crime Victimization Survey*. Criminology, 2019, 57, 237-267.	2.0	35

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73	Inspection schemes for general systems. IIE Transactions, 2004, 36, 817-825.	2.1	34
74	Cold-standby redundancy allocation problem with degrading components. International Journal of General Systems, 2015, 44, 876-888.	1.2	34
75	Generalized moment-independent importance measures based on Minkowski distance. European Journal of Operational Research, 2014, 239, 449-455.	3.5	33
76	On some importance measures of system components. Stochastic Processes and Their Applications, 1987, 25, 273-280.	0.4	32
77	Analysis of maintenance policies for finite life-cycle multi-state systems. Computers and Industrial Engineering, 2010, 59, 638-646.	3.4	32
78	Conformations of Morpholine in Liquid and Adsorbed on Gold Nanoparticles Explored by Raman Spectroscopy and Theoretical Calculations. Journal of Physical Chemistry C, 2011, 115, 20596-20602.	1.5	32
79	A Heuristic Algorithm for Reliability Modeling and Analysis of Grid Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 189-200.	3.4	30
80	An improved self-starting cumulative count of conforming chart for monitoring high-quality processes under group inspection. International Journal of Production Research, 2012, 50, 7026-7043.	4.9	30
81	On a generalized k-out-of-n system and its reliability. International Journal of Systems Science, 2005, 36, 267-274.	3.7	29
82	Optimizing product design using quantitative quality function deployment: a case study. Quality and Reliability Engineering International, 2007, 23, 45-57.	1.4	29
83	JOINT MAINTENANCE AND SPARE COMPONENT PROVISIONING POLICY FOR k-OUT-OF-n SYSTEMS. Asia-Pacific Journal of Operational Research, 2013, 30, 1350023.	0.9	29
84	A hybrid risks-informed approach for the selection of supplier portfolio. International Journal of Production Research, 2016, 54, 2019-2034.	4.9	29
85	Fuzzy copula model for wind speed correlation and its application in wind curtailment evaluation. Renewable Energy, 2016, 93, 68-76.	4.3	29
86	On modeling dynamic priorities in the analytic hierarchy process using compositional data analysis. European Journal of Operational Research, 2009, 194, 834-846.	3.5	28
87	A Bivariate Maintenance Policy for Multi-State Repairable Systems With Monotone Process. IEEE Transactions on Reliability, 2013, 62, 876-886.	3.5	28
88	Statistical inference for the extreme value distribution under adaptive Type-II progressive censoring schemes. Journal of Statistical Computation and Simulation, 2014, 84, 1099-1114.	0.7	27
89	Imperfect Preventive Maintenance Policies With Unpunctual Execution. IEEE Transactions on Reliability, 2020, 69, 1480-1492.	3.5	26
90	Outlier identification and robust parameter estimation in a zero-inflated Poisson model. Journal of Applied Statistics, 2011, 38, 421-430.	0.6	24

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91	Design and Implementation of Two CUSUM Schemes for Simultaneously Monitoring the Process Mean and Variance with Unknown Parameters. Quality and Reliability Engineering International, 2016, 32, 2961-2975.	1.4	23
92	Warranty cost analysis for nonrepairable services products. International Journal of Systems Science, 2008, 39, 279-288.	3.7	22
93	A Novel Approach to DSM-Based Activity Sequencing Problem. IEEE Transactions on Engineering Management, 2011, 58, 688-705.	2.4	22
94	A Stochastic EM Algorithm for Progressively Censored Data Analysis. Quality and Reliability Engineering International, 2014, 30, 711-722.	1.4	22
95	Optimal design of a distribution-free quality control scheme for cost-efficient monitoring of unknown location. International Journal of Production Research, 2016, 54, 7259-7273.	4.9	22
96	THE REPRODUCTION OF RACIAL INEQUALITY: HOW CRIME AFFECTS HOUSING TURNOVER*. Criminology, 2010, 48, 865-896.	2.0	21
97	ARL-unbiased control charts for the monitoring of exponentially distributed characteristics based on type-II censored samples. Journal of Statistical Computation and Simulation, 2014, 84, 2734-2747.	0.7	21
98	QFD optimization using linear physical programming. Engineering Optimization, 2006, 38, 593-607.	1.5	20
99	Confidence Intervals for the Scale Parameter of the Power-Law Process. Communications in Statistics - Theory and Methods, 2006, 35, 1525-1538.	0.6	20
100	Reliability of fault-tolerant systems with parallel task processing. European Journal of Operational Research, 2007, 177, 420-430.	3.5	20
101	A Model for Upside-Down Bathtub-Shaped Mean Residual Life and Its Properties. IEEE Transactions on Reliability, 2009, 58, 425-431.	3.5	20
102	Optimal testing strategies in overlapped design process. European Journal of Operational Research, 2010, 206, 131-143.	3.5	20
103	Resilient Critical Infrastructure Planning Under Disruptions Considering Recovery Scheduling. IEEE Transactions on Engineering Management, 2021, 68, 452-466.	2.4	20
104	RELIABILITY AND MODELING OF SYSTEMS INTEGRATED WITH FIRMWARE AND HARDWARE. International Journal of Reliability, Quality and Safety Engineering, 2005, 12, 227-239.	0.4	19
105	Effects of wind speed probabilistic and possibilistic uncertainties on generation system adequacy. IET Generation, Transmission and Distribution, 2015, 9, 339-347.	1.4	19
106	Infrared Spectroscopic Investigation of Photoionization-Induced Acidic C–H Bonds in Cyclic Ethers. Journal of Physical Chemistry A, 2015, 119, 5668-5675.	1.1	19
107	Robust algorithms for economic designing of a nonparametric control chart for abrupt shift in location. Journal of Statistical Computation and Simulation, 2016, 86, 306-323.	0.7	19
108	Spectral Characterization of Three-Electron Two-Center (3e–2c) Bonds of Gaseous $CH_3S\dot{}S(H)CH_3$ and $(CH_3SH)_2^+$ and Enhancement of the 3e–2c Bond upon Protonation. Journal of Physical Chemistry Letters, 2018, 9, 3725-3730.	2.1	19

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109	Classifying Weak, and Strong Components Using ROC Analysis With Application to Burn-In. IEEE Transactions on Reliability, 2007, 56, 552-561.	3.5	18
110	Reliability estimation of maritime transportation: A study of two fuzzy reliability models. Ocean Engineering, 2013, 72, 1-10.	1.9	18
111	Immigrant status, citizenship, and victimization risk in the United States: New findings from the National Crime Victimization Survey (NCVS)*. Criminology, 2021, 59, 610-644.	2.0	18
112	A shock model for software failures. Microelectronics Reliability, 1987, 27, 717-724.	0.9	17
113	Analyzing Highly Censored Reliability Data without Exact Failure Times: An Efficient Tool for Practitioners. Quality Engineering, 2013, 25, 392-400.	0.7	17
114	Development of energy and reserve pre€dispatch and re€dispatch models for real€time price risk and reliability assessment. IET Generation, Transmission and Distribution, 2014, 8, 1338-1345.	1.4	17
115	Monitoring of Time€Between€Events with a Generalized Group Runs Control Chart. Quality and Reliability Engineering International, 2016, 32, 767-781.	1.4	17
116	A Dynamic Approach to Performance Analysis and Reliability Improvement of Control Systems With Degraded Components. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1404-1414.	5.9	17
117	Error analysis of some integration procedures for renewal equation and convolution integrals. Journal of Statistical Computation and Simulation, 2003, 73, 59-70.	0.7	16
118	Conformational Equilibrium and Hydrogen Bonding in Liquid 2-Phenylethylamine Explored by Raman Spectroscopy and Theoretical Calculations. Journal of Physical Chemistry A, 2011, 115, 3060-3067.	1.1	16
119	Modeling multivariate degradation processes with time€variant covariates and imperfect maintenance effects. Applied Stochastic Models in Business and Industry, 2021, 37, 592-611.	0.9	16
120	An Optimal Control Procedure based on Multivariate Synthetic Cumulative Sum. Quality and Reliability Engineering International, 2014, 30, 1049-1058.	1.4	15
121	REASSESSING THE BREADTH OF THE PROTECTIVE BENEFIT OF IMMIGRANT NEIGHBORHOODS: A MULTILEVEL ANALYSIS OF VIOLENCE RISK BY RACE, ETHNICITY, AND LABOR MARKET STRATIFICATION*. Criminology, 2018, 56, 302-332.	2.0	15
122	A Switching Method to Event-Triggered Output Feedback Control for Unmanned Aerial Vehicles Over Cognitive Radio Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7530-7541.	5.9	15
123	The increase of reliability of systems through improving a component. Reliability Engineering and System Safety, 1989, 26, 189-195.	5.1	14
124	Performance distribution of a fault-tolerant system in the presence of failure correlation. IIE Transactions, 2006, 38, 499-509.	2.1	13
125	A unified confidence interval for reliability-related quantities of two-parameter Weibull distribution. Journal of Statistical Computation and Simulation, 2007, 77, 365-378.	0.7	13
126	Objective Bayes analysis of zero-inflated Poisson distribution with application to healthcare data. IIE Transactions, 2014, 46, 843-852.	2.1	13

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127	The generalized linear model-based exponentially weighted moving average and cumulative sum charts for the monitoring of high-quality processes. Applied Stochastic Models in Business and Industry, 2021, 37, 703-724.	0.9	13
128	Some results on renewal equations. Communications in Statistics - Theory and Methods, 1989, 18, 1159-1171.	0.6	12
129	Dynamic modeling of general three-state <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si28.gif" display="inline" overflow="scroll"><mml:mi>k</mml:mi></mml:math>-out-of-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si29.gif" display="inline" overflow="scroll"><mml:mi>n</mml:mi></mml:math>:G systems: Permanent-based computational results. Journal of Computational and Applied Mathematics, 2014, 272, 97-106.	1.1	12
130	IMPACT OF VICTIMIZATION ON RESIDENTIAL MOBILITY: EXPLAINING RACIAL AND ETHNIC PATTERNS USING THE NATIONAL CRIME VICTIMIZATION SURVEY. Criminology, 2014, 52, 553-587.	2.0	12
131	A Study of Lifetime Optimization of Transportation System. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1013-1019.	3.4	11
132	Approach to Integrate Fuzzy Fault Tree with Bayesian Network. Procedia Engineering, 2012, 45, 131-138.	1.2	11
133	Effects of solvent molecules on hemi-bonded $(CH_3SH)_2+$: infrared absorption of $[(CH_3SH)_2-X]+$ with X = H_2O, $(CH_3)_2CO$, or NH_3 and $(CH_3SH)_n+$ (n = 3-6). Physical Chemistry Chemical Physics, 2019, 21, 16055-16063.	1.3	11
134	Spectroscopic evidence of the C-N covalent bond formed between two interstellar molecules (ISM): acrylonitrile and ammonia. Physical Chemistry Chemical Physics, 2021, 23, 9672-9678.	1.3	11
135	A study of N-version programming and its impact on software availability. International Journal of Systems Science, 2014, 45, 2145-2157.	3.7	10
136	Study of an imputation algorithm for the analysis of interval-censored data. Journal of Statistical Computation and Simulation, 2014, 84, 477-490.	0.7	10
137	Reliability of warm-standby systems subject to imperfect fault coverage. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2014, 228, 606-620.	0.6	10
138	Integrated beta model for bathtub-shaped hazard rate data. Quality Technology and Quantitative Management, 2016, 13, 229-240.	1.1	10
139	Assessing wind curtailment under different wind capacity considering the possibilistic uncertainty of wind resources. Electric Power Systems Research, 2016, 132, 39-46.	2.1	10
140	Structural rearrangement of the acrylonitrile (AN) cluster in the gas phase under VUV one-photon radiation explored by mass-selected infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117620.	2.0	10
141	Generalized Confidence Interval for the Scale Parameter of the Power-Law Process. Communications in Statistics - Theory and Methods, 2013, 42, 898-906.	0.6	9
142	Infrared Spectroscopic Investigation of the Acidic CH Bonds in Cationic *n*-Alkanes: Pentane, Hexane, and Heptane. Journal of Physical Chemistry A, 2016, 120, 6351-6356.	1.1	9
143	Economic modelling for statistical process control subject to a general quality deterioration. International Journal of Production Research, 2016, 54, 1753-1770.	4.9	9
144	Process Monitoring Strategies for Surface Mount Manufacturing Processes. Flexible Services and Manufacturing Journal, 2003, 15, 95-112.	0.4	8

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145	ON THE CHANGE POINT OF THE MEAN RESIDUAL LIFE OF SERIES AND PARALLEL SYSTEMS. Australian and New Zealand Journal of Statistics, 2010, 52, 109-121.	0.4	8
146	Optimal software maintenance policy considering unavailable time. Journal of Software: Evolution and Process, 2011, 23, 21-33.	1.1	8
147	Control Limits Based on the Narrowest Confidence Interval. Communications in Statistics - Theory and Methods, 2011, 40, 2172-2181.	0.6	8
148	MULTI-OBJECTIVE OPTIMIZATION APPROACHES TO SOFTWARE RELEASE TIME DETERMINATION. Asia-Pacific Journal of Operational Research, 2012, 29, 1240019.	0.9	8
149	Quantitative risk analysis model of integrating fuzzy fault tree with Bayesian Network. , 2011, , .		7
150	Lower confidence limit for reliability based on grouped data using a quantile-filling algorithm. Computational Statistics and Data Analysis, 2014, 75, 96-111.	0.7	7
151	Infrared spectroscopic investigations of cationic ethanol, propanol, and butanol. Chemical Physics Letters, 2015, 640, 215-218.	1.2	7
152	Simplified Likelihood Based Goodness-of-fit Tests for the Weibull Distribution. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 920-951.	0.6	7
153	On Bayesian software reliability modelling. Journal of Statistical Planning and Inference, 1991, 29, 33-41.	0.4	6
154	An investigation of transformation-based prediction interval for the Weibull median life. Metrika, 2002, 56, 19-29.	0.5	6
155	A general Weibull model for reliability analysis under different failure Criteria-application on anisotropic conductive adhesive joining technology. IEEE Transactions on Electronics Packaging Manufacturing, 2005, 28, 322-327.	1.6	6
156	Bi-objective burn-in modeling and optimization. Annals of Operations Research, 2014, 212, 201-214.	2.6	6
157	Rejoinder to 'Stochastic modelling and analysis of degradation for highly reliable products'. Applied Stochastic Models in Business and Industry, 2015, 31, 35-36.	0.9	6
158	Modularity's impact on the quality and productivity of embedded software development: a case study in a Hong Kong company. Total Quality Management and Business Excellence, 2015, 26, 1188-1201.	2.4	6
159	A New Framework and Application of Software Reliability Estimation Based on Fault Detection and Correction Processes. , 2015, , .		6
160	Conformational Landscapes and Infrared Spectra of Gas-phase Interstellar Molecular Clusters [(C3H3N)(CH3OH)n, n = 1–4]. Journal of Physical Chemistry A, 2020, 124, 2398-2407.	1.1	6
161	Neighborhoods and Intimate Partner Violence: A Decade in Review. Feminist Criminology, 2021, 16, 337-350.	1.0	6
162	Nonparametric Estimation of Decreasing Mean Residual Life With Type II Censored Data. IEEE Transactions on Reliability, 2010, 59, 38-44.	3.5	5

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163	A new methodology to integrate human factors analysis and classification system with Bayesian Network. , 2010, , .		5
164	A study of process monitoring based on inverse Gaussian distribution. Computers and Industrial Engineering, 2014, 76, 49-59.	3.4	5
165	Optimal Burn-in Policy for Highly Reliable Products Using Inverse Gaussian Degradation Process. Lecture Notes in Mechanical Engineering, 2015, , 1003-1011.	0.3	5
166	Spectroscopic evidence of Sâˆ´N and Sâˆ´O hemibonds in heterodimer cations. Physical Chemistry Chemical Physics, 2022, 24, 19354-19361.	1.3	5
167	Testing constant failure rate against some partially monotone alternatives. Microelectronics Reliability, 1987, 27, 557-565.	0.9	4
168	Process Capability Indices Based on the Highest Density Interval. Quality and Reliability Engineering International, 2015, 31, 1327-1335.	1.4	4
169	An Empirical Study of Dynamic Incomplete-Case Nearest Neighbor Imputation in Software Quality Data. , 2015, , .		4
170	Generalized sooner waiting time problems in a sequence of trinary trials. Statistics and Probability Letters, 2016, 115, 70-78.	0.4	4
171	A Shrinkage Approach for Failure Rate Estimation of Rare Events. Quality and Reliability Engineering International, 2016, 32, 123-132.	1.4	4
172	Vibrational autoionization of state-selective jet-cooled methanethiol (CH_3SH) investigated with infrared + vacuum-ultraviolet photoionization. Physical Chemistry Chemical Physics, 2017, 19, 29153-29161.	1.3	4
173	An integrated experimental and theoretical reaction path search: analyses of the multistage reaction of an ionized diethylether dimer involving isomerization, proton transfer, and dissociation. Physical Chemistry Chemical Physics, 2018, 20, 14331-14338.	1.3	4
174	A Reinforced Noise Resistant Correlation Method for Bearing Condition Monitoring. IEEE Transactions on Automation Science and Engineering, 2023, 20, 995-1006.	3.4	4
175	Analysis of the performance of safety-critical systems with diagnosis and periodic inspection. , 2008, , .		3
176	Optimal Replacement and Protection Strategy for Parallel Systems. Springer Series in Reliability Engineering, 2012, , 135-144.	0.3	3
177	Reuse of embedded software in small and medium enterprises. , 2012, , .		3
178	Adsorption behavior of 6-Mercaptonicotinic acid on self-assembled gold nano-substrates explored by SERS combined with theoretical calculations. Journal of Colloid and Interface Science, 2013, 408, 151-156.	5.0	3
179	Infrared spectroscopy of neutral and cationic pyrrolidine monomer in supersonic jet. Chinese Journal of Chemical Physics, 2020, 33, 43-47.	0.6	3
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