

Min Xie

List of Publications by Year in descending order

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205
papers

6,919
citations

53751

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82499

72
g-index

206
all docs

206
docs citations

206
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
1	A Reinforced Noise Resistant Correlation Method for Bearing Condition Monitoring. IEEE Transactions on Automation Science and Engineering, 2023, 20, 995-1006.	3.4	4
2	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
3	Spectroscopic evidence of S ^N and S ^O hemibonds in heterodimer cations. Physical Chemistry Chemical Physics, 2022, 24, 19354-19361.	1.3	5
4	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
5	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
6	Resilient Critical Infrastructure Planning Under Disruptions Considering Recovery Scheduling. IEEE Transactions on Engineering Management, 2021, 68, 452-466.	2.4	20
7	Discussion of "Virtual age, is it real?", Applied Stochastic Models in Business and Industry, 2021, 37, 30-31.	0.9	1
8	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
9	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
10	Proton Transfer in Nitromethane-Ammonia Clusters under VUV Single-Photon Ionization Explored by Infrared Spectroscopy and Theoretical Calculations. Journal of Physical Chemistry A, 2021, 125, 3279-3287.	1.1	2
11	Reliability Characterization and Failure Prediction of 3D TLC SSDs in Large-Scale Storage Systems. IEEE Transactions on Device and Materials Reliability, 2021, 21, 224-235.	1.5	3
12	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
13	Neighborhoods and Intimate Partner Violence: A Decade in Review. Feminist Criminology, 2021, 16, 337-350.	1.0	6
14	Adaptive Event-Triggered Observer-Based Output Feedback L_{∞} Load Frequency Control for Networked Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 3952-3962.	7.2	51
15	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
16	Proton transfer processes in interstellar molecular clusters under synchrotron VUV radiation: Taking acrylonitrile and acetonitrile dimers as example. Journal of Electron Spectroscopy and Related Phenomena, 2020, 242, 146954.	0.8	2
17	Infrared spectroscopy of neutral and cationic pyrrolidine monomer in supersonic jet. Chinese Journal of Chemical Physics, 2020, 33, 43-47.	0.6	3
18	Imperfect Preventive Maintenance Policies With Unpunctual Execution. IEEE Transactions on Reliability, 2020, 69, 1480-1492.	3.5	26

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19	Conformational Landscapes and Infrared Spectra of Gas-phase Interstellar Molecular Clusters [(C ₃ H ₃ N)(CH ₃ OH) _n , n = 1–4]. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2398-2407.	1.1	6
20	Effects of solvent molecules on hemi-bonded (CH ₃ SH) ₂ ⁺ : infrared absorption of [(CH ₃ SH) ₂ X] ⁺ with X = H ₂ O, (CH ₃) ₂ CO, or NH ₃ and (CH ₃ SH) _n ⁺ (n = 3–6). <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16055-16063.	1.3	11
21	Models and monitoring of zero-inflated processes: The past and current trends. <i>Quality and Reliability Engineering International</i> , 2019, 35, 2540-2557.	1.4	42
22	Neighborhood immigrant concentration and violent crime reporting to the police: A multilevel analysis of data from the National Crime Victimization Survey*. <i>Criminology</i> , 2019, 57, 237-267.	2.0	35
23	REASSESSING THE BREADTH OF THE PROTECTIVE BENEFIT OF IMMIGRANT NEIGHBORHOODS: A MULTILEVEL ANALYSIS OF VIOLENCE RISK BY RACE, ETHNICITY, AND LABOR MARKET STRATIFICATION*. <i>Criminology</i> , 2018, 56, 302-332.	2.0	15
24	Utilizing experimental degradation data for warranty cost optimization under imperfect repair. <i>Reliability Engineering and System Safety</i> , 2018, 177, 108-119.	5.1	37
25	An integrated experimental and theoretical reaction path search: analyses of the multistage reaction of an ionized diethylether dimer involving isomerization, proton transfer, and dissociation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14331-14338.	1.3	4
26	Rank-based EWMA procedure for sequentially detecting changes of process location and variability. <i>Quality Technology and Quantitative Management</i> , 2018, 15, 354-373.	1.1	37
27	An infrared spectroscopic study on proton transfer from CH bonds in ionized dimers of cyclic ethers. <i>Journal of Chemical Physics</i> , 2018, 148, 094302.	1.2	2
28	Spectral Characterization of Three-Electron Two-Center (3e ⁻ 2c) Bonds of Gaseous CH ₃ S(H)CH ₃ and (CH ₃ SH) ₂ ⁺ and Enhancement of the 3e ⁻ 2c Bond upon Protonation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3725-3730.	2.1	19
29	A Dynamic-Bayesian-Network-Based Fault Diagnosis Methodology Considering Transient and Intermittent Faults. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017, 14, 276-285.	3.4	203
30	Vibrational autoionization of state-selective jet-cooled methanethiol (CH ₃ SH) investigated with infrared + vacuum-ultraviolet photoionization. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29153-29161.	1.3	4
31	Simplified Likelihood Based Goodness-of-fit Tests for the Weibull Distribution. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016, 45, 920-951.	0.6	7
32	A Study of Reliability of Multi-State Systems with Two Performance Sharing Groups. <i>Quality and Reliability Engineering International</i> , 2016, 32, 2623-2632.	1.4	46
33	Design of Gamma Charts Based on Average Time to Signal. <i>Quality and Reliability Engineering International</i> , 2016, 32, 1041-1058.	1.4	37
34	Monitoring of Time-Between-Events with a Generalized Group Runs Control Chart. <i>Quality and Reliability Engineering International</i> , 2016, 32, 767-781.	1.4	17
35	Design and Implementation of Two CUSUM Schemes for Simultaneously Monitoring the Process Mean and Variance with Unknown Parameters. <i>Quality and Reliability Engineering International</i> , 2016, 32, 2961-2975.	1.4	23
36	A study of interval analysis for cold-standby system reliability optimization under parameter uncertainty. <i>Computers and Industrial Engineering</i> , 2016, 97, 93-100.	3.4	58

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37	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
38	Infrared Spectroscopic Investigation of the Acidic CH Bonds in Cationic <i>n</i> -Alkanes: Pentane, Hexane, and Heptane. Journal of Physical Chemistry A, 2016, 120, 6351-6356.	1.1	9
39	Integrated beta model for bathtub-shaped hazard rate data. Quality Technology and Quantitative Management, 2016, 13, 229-240.	1.1	10
40	Combinatorial competing failure analysis considering random propagation time. , 2016, , .		2
41	Generalized sooner waiting time problems in a sequence of trinary trials. Statistics and Probability Letters, 2016, 115, 70-78.	0.4	4
42	A Shrinkage Approach for Failure Rate Estimation of Rare Events. Quality and Reliability Engineering International, 2016, 32, 123-132.	1.4	4
43	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
44	A hybrid risks-informed approach for the selection of supplier portfolio. International Journal of Production Research, 2016, 54, 2019-2034.	4.9	29
45	Estimation procedures for grouped data "a comparative study. Journal of Applied Statistics, 2016, 43, 2110-2130.	0.6	2
46	Reliability modeling and preventive maintenance of load-sharing systems with degrading components. IIE Transactions, 2016, 48, 699-709.	2.1	60
47	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
48	Fuzzy copula model for wind speed correlation and its application in wind curtailment evaluation. Renewable Energy, 2016, 93, 68-76.	4.3	29
49	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
50	Economic modelling for statistical process control subject to a general quality deterioration. International Journal of Production Research, 2016, 54, 1753-1770.	4.9	9
51	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
52	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
53	Bayesian Analysis for Software Reliability with Fault Detection and Correction Data. , 2015, , .		0
54	Analysis of performance-depleting maintenance on degraded control systems. , 2015, , .		0

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55	Optimal wind capacity integration considering the possibilistic uncertainty of wind resources. , 2015, , .		0
56	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
57	Process Capability Indices Based on the Highest Density Interval. Quality and Reliability Engineering International, 2015, 31, 1327-1335.	1.4	4
58	Cold-standby redundancy allocation problem with degrading components. International Journal of General Systems, 2015, 44, 876-888.	1.2	34
59	Degradation-based maintenance decision using stochastic filtering for systems under imperfect maintenance. European Journal of Operational Research, 2015, 245, 531-541.	3.5	116
60	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
61	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
62	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
63	Circle Chart for the Monitoring of Maxima in Periodic Processes. Quality and Reliability Engineering International, 2015, 31, 1437-1447.	1.4	2
64	Effects of wind speed probabilistic and possibilistic uncertainties on generation system adequacy. IET Generation, Transmission and Distribution, 2015, 9, 339-347.	1.4	19
65	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
66	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
67	An Empirical Study of Dynamic Incomplete-Case Nearest Neighbor Imputation in Software Quality Data. , 2015, , .		4
68	An empirical analysis of data preprocessing for machine learning-based software cost estimation. Information and Software Technology, 2015, 67, 108-127.	3.0	122
69	A New Framework and Application of Software Reliability Estimation Based on Fault Detection and Correction Processes. , 2015, , .		6
70	Infrared spectroscopic investigations of cationic ethanol, propanol, and butanol. Chemical Physics Letters, 2015, 640, 215-218.	1.2	7
71	Stochastic modelling and analysis of degradation for highly reliable products. Applied Stochastic Models in Business and Industry, 2015, 31, 16-32.	0.9	485
72	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

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73	Optimal Burn-in Policy for Highly Reliable Products Using Inverse Gaussian Degradation Process. Lecture Notes in Mechanical Engineering, 2015, , 1003-1011.	0.3	5
74	Modeling and Reliability Analysis of Digital Networked Systems Subject to Degraded Communication Networks. Advances in Intelligent Systems and Computing, 2015, , 295-303.	0.5	0
75	Semiparametric Estimation of Gamma Processes for Deteriorating Products. Technometrics, 2014, 56, 504-513.	1.3	77
76	A study of N-version programming and its impact on software availability. International Journal of Systems Science, 2014, 45, 2145-2157.	3.7	10
77	A Stochastic EM Algorithm for Progressively Censored Data Analysis. Quality and Reliability Engineering International, 2014, 30, 711-722.	1.4	22
78	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
79	An Optimal Control Procedure based on Multivariate Synthetic Cumulative Sum. Quality and Reliability Engineering International, 2014, 30, 1049-1058.	1.4	15
80	Objective Bayes analysis of zero-inflated Poisson distribution with application to healthcare data. IIE Transactions, 2014, 46, 843-852.	2.1	13
81	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
82	Bi-objective burn-in modeling and optimization. Annals of Operations Research, 2014, 212, 201-214.	2.6	6
83	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
84	Accelerated Degradation Test Planning Using the Inverse Gaussian Process. IEEE Transactions on Reliability, 2014, 63, 750-763.	3.5	154
85	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
86	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
87	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
88	A study of process monitoring based on inverse Gaussian distribution. Computers and Industrial Engineering, 2014, 76, 49-59.	3.4	5
89	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
90	Accident risk assessment in marine transportation via Markov modelling and Markov Chain Monte Carlo simulation. Ocean Engineering, 2014, 91, 363-370.	1.9	75

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91	A condition-based maintenance strategy for heterogeneous populations. Computers and Industrial Engineering, 2014, 77, 103-114.	3.4	46
92	Lower confidence limit for reliability based on grouped data using a quantile-filling algorithm. Computational Statistics and Data Analysis, 2014, 75, 96-111. Dynamic modeling of general three-state k -out-of- n systems: Permanent-based computational results. Journal of Computational and Applied Mathematics, 2014, 272, 97-106.	0.7	7
93	Generalized moment-independent importance measures based on Minkowski distance. European Journal of Operational Research, 2014, 239, 449-455.	1.1	12
94	Generalized moment-independent importance measures based on Minkowski distance. European Journal of Operational Research, 2014, 239, 449-455.	3.5	33
95	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
96	Assessing survivability for damaged aircraft in the combat environment. , 2014, , .		0
97	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
98	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
99	Modelling and analysis of transmission delays and packet dropouts on the reliability of digital networked control systems. , 2013, , .		1
100	Optimal structure of multi-state systems with multi-fault coverage. Reliability Engineering and System Safety, 2013, 119, 18-25.	5.1	47
101	The robust redundancy allocation problem of series-parallel systems. , 2013, , .		2
102	Reliability estimation of maritime transportation: A study of two fuzzy reliability models. Ocean Engineering, 2013, 72, 1-10.	1.9	18
103	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
104	Life cycle reliability assessment of new products – A Bayesian model updating approach. Reliability Engineering and System Safety, 2013, 112, 109-119.	5.1	37
105	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
106	Reliability evaluation of hard disk drive failures based on counting processes. Reliability Engineering and System Safety, 2013, 109, 110-118.	5.1	35
107	A Bivariate Maintenance Policy for Multi-State Repairable Systems With Monotone Process. IEEE Transactions on Reliability, 2013, 62, 876-886.	3.5	28
108	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

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109	Optimizing maritime travel time reliability. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2013, 227, 167-176.	0.3	1
110	Optimal burn-in for repairable products sold with a two-dimensional warranty. IIE Transactions, 2013, 45, 164-176.	2.1	48
111	Analyzing Highly Censored Reliability Data without Exact Failure Times: An Efficient Tool for Practitioners. Quality Engineering, 2013, 25, 392-400.	0.7	17
112	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
113	Reference ship selection for the on-time performance benchmarking of ships. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2013, 227, 39-50.	0.3	0
114	Optimal Replacement and Protection Strategy for Parallel Systems. Springer Series in Reliability Engineering, 2012, , 135-144.	0.3	3
115	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
116	Approach to Integrate Fuzzy Fault Tree with Bayesian Network. Procedia Engineering, 2012, 45, 131-138.	1.2	11
117	MULTI-OBJECTIVE OPTIMIZATION APPROACHES TO SOFTWARE RELEASE TIME DETERMINATION. Asia-Pacific Journal of Operational Research, 2012, 29, 1240019.	0.9	8
118	Element maintenance and allocation for linear consecutively connected systems. IIE Transactions, 2012, 44, 964-973.	2.1	54
119	Reuse of embedded software in small and medium enterprises. , 2012, , .		3
120	Degradation-Based Burn-In Planning Under Competing Risks. Technometrics, 2012, 54, 159-168.	1.3	75
121	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
122	A model for integer-valued time series with conditional overdispersion. Computational Statistics and Data Analysis, 2012, 56, 4229-4242.	0.7	36
123	Degradation-based burn-in with preventive maintenance. European Journal of Operational Research, 2012, 221, 360-367.	3.5	116
124	Quantitative risk analysis model of integrating fuzzy fault tree with Bayesian Network. , 2011, , .		7
125	A new method for maritime traffic safety index appraisal. , 2011, , .		0
126	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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127	Conformational Equilibrium and Hydrogen Bonding in Liquid 2-Phenylethylamine Explored by Raman Spectroscopy and Theoretical Calculations. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3060-3067.	1.1	16
128	Probability analysis of offshore fire by incorporating human and organizational factor. <i>Ocean Engineering</i> , 2011, 38, 2042-2055.	1.9	39
129	Grid Service Reliability Modeling and Optimal Task Scheduling Considering Fault Recovery. <i>IEEE Transactions on Reliability</i> , 2011, 60, 263-274.	3.5	62
130	A Novel Approach to DSM-Based Activity Sequencing Problem. <i>IEEE Transactions on Engineering Management</i> , 2011, 58, 688-705.	2.4	22
131	Conformations of Morpholine in Liquid and Adsorbed on Gold Nanoparticles Explored by Raman Spectroscopy and Theoretical Calculations. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20596-20602.	1.5	32
132	Design and application of exponential chart for monitoring time-between-events data under random process shift. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 57, 849-857.	1.5	35
133	Investigations of Human and Organizational Factors in hazardous vapor accidents. <i>Journal of Hazardous Materials</i> , 2011, 191, 69-82.	6.5	57
134	Optimal software maintenance policy considering unavailable time. <i>Journal of Software: Evolution and Process</i> , 2011, 23, 21-33.	1.1	8
135	A systematic methodology to deal with the dynamics of customer needs in Quality Function Deployment. <i>Expert Systems With Applications</i> , 2011, 38, 3653-3662.	4.4	49
136	Reliability analysis and optimal version-updating for open source software. <i>Information and Software Technology</i> , 2011, 53, 929-936.	3.0	99
137	Subjective operational reliability assessment of maritime transportation system. <i>Expert Systems With Applications</i> , 2011, 38, 13835-13835.	4.4	37
138	On a general periodic preventive maintenance policy incorporating warranty contracts and system ageing losses. <i>International Journal of Production Economics</i> , 2011, 129, 102-110.	5.1	51
139	On the upper truncated Weibull distribution and its reliability implications. <i>Reliability Engineering and System Safety</i> , 2011, 96, 194-200.	5.1	85
140	Control Limits Based on the Narrowest Confidence Interval. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 2172-2181.	0.6	8
141	Adaptive ridge regression system for software cost estimating on multi-collinear datasets. <i>Journal of Systems and Software</i> , 2010, 83, 2332-2343.	3.3	39
142	Nonparametric Estimation of Decreasing Mean Residual Life With Type II Censored Data. <i>IEEE Transactions on Reliability</i> , 2010, 59, 38-44.	3.5	5
143	Sensitivity analysis of release time of software reliability models incorporating testing effort with multiple change-points. <i>Applied Mathematical Modelling</i> , 2010, 34, 3560-3570.	2.2	75
144	Some improvements on adaptive genetic algorithms for reliability-related applications. <i>Reliability Engineering and System Safety</i> , 2010, 95, 120-126.	5.1	54

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145	A generic data-driven software reliability model with model mining technique. Reliability Engineering and System Safety, 2010, 95, 671-678.	5.1	39
146	Analysis of maintenance policies for finite life-cycle multi-state systems. Computers and Industrial Engineering, 2010, 59, 638-646.	3.4	32
147	Optimal testing strategies in overlapped design process. European Journal of Operational Research, 2010, 206, 131-143.	3.5	20
148	THE REPRODUCTION OF RACIAL INEQUALITY: HOW CRIME AFFECTS HOUSING TURNOVER*. Criminology, 2010, 48, 865-896.	2.0	21
149	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
150	Using evidential reasoning approach for ship turbine's condition monitoring techniques ranking. , 2010, , .		1
151	A new methodology to integrate human factors analysis and classification system with Bayesian Network. , 2010, , .		5
152	A Model for Upside-Down Bathtub-Shaped Mean Residual Life and Its Properties. IEEE Transactions on Reliability, 2009, 58, 425-431.	3.5	20
153	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
154	A Systematic Approach to the Reliability Analysis of an n-Unit Warm Standby System With k-Repair Facility. , 2009, , .		0
155	Service Reliability and Availability Analysis of Distributed Software Systems Considering Malware Attack. Communications in Computer and Information Science, 2009, , 313-320.	0.4	0
156	Ranking of customer requirements in a competitive environment. Computers and Industrial Engineering, 2008, 54, 202-214.	3.4	75
157	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
158	Economic design of cumulative count of conforming charts under inspection by samples. International Journal of Production Economics, 2008, 111, 93-104.	5.1	49
159	THE EFFECTS OF RESIDENTIAL TURNOVER ON HOUSEHOLD VICTIMIZATION*. Criminology, 2008, 46, 539-575.	2.0	47
160	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
161	Analysis of the performance of safety-critical systems with diagnosis and periodic inspection. , 2008, , .		3
162	On change point of mean residual life of parallel systems. , 2008, , .		1

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163	Warranty cost analysis for nonrepairable services products. International Journal of Systems Science, 2008, 39, 279-288.	3.7	22
164	On a framework for Strategic and Tactical Risk Management. , 2008, , .		0
165	A study of EWMA chart with transformed exponential data. International Journal of Production Research, 2007, 45, 743-763.	4.9	58
166	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
167	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
168	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
169	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
170	Failure Data Analysis with Extended Weibull Distribution. Communications in Statistics Part B: Simulation and Computation, 2007, 36, 579-592.	0.6	66
171	Special issue of selected papers presented at ICQR2005. Reliability Engineering and System Safety, 2007, 92, 277.	5.1	0
172	Fourth International Conference on Quality and Reliability (ICQR2005). Quality and Reliability Engineering International, 2007, 23, 1-1.	1.4	0
173	Optimizing product design using quantitative quality function deployment: a case study. Quality and Reliability Engineering International, 2007, 23, 45-57.	1.4	29
174	Classifying Weak, and Strong Components Using ROC Analysis With Application to Burn-In. IEEE Transactions on Reliability, 2007, 56, 552-561.	3.5	18
175	Reliability of fault-tolerant systems with parallel task processing. European Journal of Operational Research, 2007, 177, 420-430.	3.5	20
176	QFD optimization using linear physical programming. Engineering Optimization, 2006, 38, 593-607.	1.5	20
177	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
178	On the dual reliability systems of and. Statistics and Probability Letters, 2006, 76, 1081-1088.	0.4	56
179	Performance distribution of a fault-tolerant system in the presence of failure correlation. IIE Transactions, 2006, 38, 499-509.	2.1	13
180	Design of exponential control charts using a sequential sampling scheme. IIE Transactions, 2006, 38, 1105-1116.	2.1	68

#	ARTICLE	IF	CITATIONS
181	Confidence Intervals for the Scale Parameter of the Power-Law Process. Communications in Statistics - Theory and Methods, 2006, 35, 1525-1538.	0.6	20
182	Modeling and Analysis of Correlated Software Failures of Multiple Types. IEEE Transactions on Reliability, 2005, 54, 100-106.	3.5	80
183	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
184	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
185	On a generalized k -out-of- n system and its reliability. International Journal of Systems Science, 2005, 36, 267-274.	3.7	29
186	Economic design of exponential charts for time between events monitoring. International Journal of Production Research, 2005, 43, 5019-5032.	4.9	40
187	Inspection schemes for general systems. IIE Transactions, 2004, 36, 817-825.	2.1	34
188	Multiresponse systems optimization using a goal attainment approach. IIE Transactions, 2004, 36, 433-445.	2.1	45
189	Process Monitoring Strategies for Surface Mount Manufacturing Processes. Flexible Services and Manufacturing Journal, 2003, 15, 95-112.	0.4	8
190	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
191	A modified Weibull distribution. IEEE Transactions on Reliability, 2003, 52, 33-37.	3.5	397
192	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
193	A study of the effect of imperfect debugging on software development cost. IEEE Transactions on Software Engineering, 2003, 29, 471-473.	4.3	107
194	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
195	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
196	An investigation of transformation-based prediction interval for the Weibull median life. Metrika, 2002, 56, 19-29.	0.5	6
197	A framework for virtual enterprise control with the holonic manufacturing paradigm. Computers in Industry, 2002, 49, 299-310.	5.7	50
198	On Bayesian software reliability modelling. Journal of Statistical Planning and Inference, 1991, 29, 33-41.	0.4	6

#	ARTICLE	IF	CITATIONS
199	The increase of reliability of systems through improving a component. Reliability Engineering and System Safety, 1989, 26, 189-195.	5.1	14
200	On the solution of renewal-type integral equations. Communications in Statistics Part B: Simulation and Computation, 1989, 18, 281-293.	0.6	100
201	Some results on renewal equations. Communications in Statistics - Theory and Methods, 1989, 18, 1159-1171.	0.6	12
202	A shock model for software failures. Microelectronics Reliability, 1987, 27, 717-724.	0.9	17
203	Testing constant failure rate against some partially monotone alternatives. Microelectronics Reliability, 1987, 27, 557-565.	0.9	4
204	On some importance measures of system components. Stochastic Processes and Their Applications, 1987, 25, 273-280.	0.4	32
205	A Virtual Modeling and a Fast Algorithm for Grid Service Reliability. , 0, , .		1