Min Xie

List of Publications by Citations

314 papers	**7,963** citations	**48** h-index	**74** g-index
347 ext. papers	**9,330** ext. citations	**3.8** avg, IF	**6.79** L-index

#	Paper	IF	Citations
314	Stochastic modelling and analysis of degradation for highly reliable products. *Applied Stochastic Models in Business and Industry*, **2015**, 31, 16-32	1.1	350
313	A modified Weibull distribution. *IEEE Transactions on Reliability*, **2003**, 52, 33-37	4.6	293
312	Software Reliability Modelling. *Series on Quality, Reliability and Engineering Statistics*, **1991**,		265
311	A Data-Driven Fault Diagnosis Methodology in Three-Phase Inverters for PMSM Drive Systems. *IEEE Transactions on Power Electronics*, **2017**, 32, 5590-5600	7.2	226
310	. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2227-2240	11.9	221
309	A real-time fault diagnosis methodology of complex systems using object-oriented Bayesian networks. *Mechanical Systems and Signal Processing*, **2016**, 80, 31-44	7.8	184
308	A Dynamic-Bayesian-Network-Based Fault Diagnosis Methodology Considering Transient and Intermittent Faults. *IEEE Transactions on Automation Science and Engineering*, **2017**, 14, 276-285	4.9	152
307	. *IEEE Transactions on Reliability*, **2014**, 63, 750-763	4.6	119
306	Availability-based engineering resilience metric and its corresponding evaluation methodology. *Reliability Engineering and System Safety*, **2018**, 172, 216-224	6.3	113
305	Degradation-based burn-in with preventive maintenance. *European Journal of Operational Research*, **2012**, 221, 360-367	5.6	102
304	Degradation-based maintenance decision using stochastic filtering for systems under imperfect maintenance. *European Journal of Operational Research*, **2015**, 245, 531-541	5.6	89
303	**2003**,		89
302	Availability and reliability of k-out-of-(M+N):G warm standby systems. *Reliability Engineering and System Safety*, **2006**, 91, 381-387	6.3	88
301	A Mixture of Variational Canonical Correlation Analysis for Nonlinear and Quality-Relevant Process Monitoring. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 6478-6486	8.9	85
300	A study of the effect of imperfect debugging on software development cost. *IEEE Transactions on Software Engineering*, **2003**, 29, 471-473	3.5	84
299	Reliability analysis and optimal version-updating for open source software. *Information and Software Technology*, **2011**, 53, 929-936	3.4	83
298	Growth mode and strain evolution during InN growth on GaN(0001) by molecular-beam epitaxy. *Applied Physics Letters*, **2002**, 81, 3960-3962	3.4	83

297	On the solution of renewal-type integral equations. *Communications in Statistics Part B: Simulation and Computation*, **1989**, 18, 281-293	0.6	78
296	On the Performance of Geometric Charts with Estimated Control Limits. *Journal of Quality Technology*, **2002**, 34, 448-458	1.4	77
295	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	6.4	74
294	A condition-based maintenance policy for degrading systems with age- and state-dependent operating cost. *European Journal of Operational Research*, **2017**, 263, 879-887	5.6	73
293	An imperfect maintenance policy for mission-oriented systems subject to degradation and external shocks. *Computers and Industrial Engineering*, **2016**, 102, 21-32	6.4	73
292	A value-based preventive maintenance policy for multi-component system with continuously degrading components. *Reliability Engineering and System Safety*, **2014**, 132, 83-89	6.3	68
291	Degradation-Based Burn-In Planning Under Competing Risks. *Technometrics*, **2012**, 54, 159-168	1.4	65
290	Sensitivity analysis of release time of software reliability models incorporating testing effort with multiple change-points. *Applied Mathematical Modelling*, **2010**, 34, 3560-3570	4.5	65
289	An empirical analysis of data preprocessing for machine learning-based software cost estimation. *Information and Software Technology*, **2015**, 67, 108-127	3.4	64
288	Design of exponential control charts using a sequential sampling scheme. *IIE Transactions*, **2006**, 38, 1105-1116		64
287	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	6.3	63
286	Modeling and analysis of correlated software failures of multiple types. *IEEE Transactions on Reliability*, **2005**, 54, 100-106	4.6	63
285	Semiparametric Estimation of Gamma Processes for Deteriorating Products. *Technometrics*, **2014**, 56, 504-513	1.4	61
284	On the upper truncated Weibull distribution and its reliability implications. *Reliability Engineering and System Safety*, **2011**, 96, 194-200	6.3	61
283	On the Effect of Redundancy for Systems with Dependent Components. *IIE Transactions*, **2003**, 35, 1103-1110		61
282	Cost analysis for multi-component system with failure interaction under renewing free-replacement warranty. *European Journal of Operational Research*, **2015**, 243, 874-882	5.6	59
281	Ranking of customer requirements in a competitive environment. *Computers and Industrial Engineering*, **2008**, 54, 202-214	6.4	59
280	A fuzzy TOPSIS and Rough Set based approach for mechanism analysis of product infant failure. *Engineering Applications of Artificial Intelligence*, **2016**, 47, 25-37	7.2	58

279	Accident risk assessment in marine transportation via Markov modelling and Markov Chain Monte Carlo simulation. *Ocean Engineering*, **2014**, 91, 363-370	3.9	54
278	First-principle study of magnetism induced by vacancies in graphene. *European Physical Journal B*, **2011**, 80, 343-349	1.2	53
277	Investigations of Human and Organizational Factors in hazardous vapor accidents. *Journal of Hazardous Materials*, **2011**, 191, 69-82	12.8	53
276	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	51
275	. *IEEE Transactions on Reliability*, **2011**, 60, 263-274	4.6	51
274	A study of EWMA chart with transformed exponential data. *International Journal of Production Research*, **2007**, 45, 743-763	7.8	51
273	On the dual reliability systems of and. *Statistics and Probability Letters*, **2006**, 76, 1081-1088	0.6	51
272	A Bayesian Approach for System Reliability Analysis With Multilevel Pass-Fail, Lifetime and Degradation Data Sets. *IEEE Transactions on Reliability*, **2013**, 62, 689-699	4.6	50
271	LISTENING TO THE FUTURE VOICE OF THE CUSTOMER USING FUZZY TREND ANALYSIS IN QFD. *Quality Engineering*, **2001**, 13, 419-425	1.4	50
270	Reliability modeling and preventive maintenance of load-sharing systemswith degrading components. *IIE Transactions*, **2016**, 48, 699-709		49
269	Accident analysis model based on Bayesian Network and Evidential Reasoning approach. *Journal of Loss Prevention in the Process Industries*, **2013**, 26, 10-21	3.5	49
268	Uncertainty Analysis in Software Reliability Modeling by Bayesian Analysis with Maximum-Entropy Principle. *IEEE Transactions on Software Engineering*, **2007**, 33, 781-795	3.5	49
267	Element maintenance and allocation for linear consecutively connected systems. *IIE Transactions*, **2012**, 44, 964-973		48
266	Optimizing survivability of multi-state systems with multi-level protection by multi-processor genetic algorithm. *Reliability Engineering and System Safety*, **2003**, 82, 93-104	6.3	46
265	Condition-based maintenance for systems with aging and cumulative damage based on proportional hazards model. *Reliability Engineering and System Safety*, **2017**, 168, 200-209	6.3	44
264	Some improvements on adaptive genetic algorithms for reliability-related applications. *Reliability Engineering and System Safety*, **2010**, 95, 120-126	6.3	44
263	Failure Data Analysis with Extended Weibull Distribution. *Communications in Statistics Part B: Simulation and Computation*, **2007**, 36, 579-592	0.6	44
262	A game-theoretical approach for optimizing maintenance, spares and service capacity in performance contracting. *International Journal of Production Economics*, **2015**, 161, 31-43	9.3	43

261	Optimal structure of multi-state systems with multi-fault coverage. *Reliability Engineering and System Safety*, **2013**, 119, 18-25	6.3	43
260	On a general periodic preventive maintenance policy incorporating warranty contracts and system ageing losses. *International Journal of Production Economics*, **2011**, 129, 102-110	9.3	43
259	Single domain Bi2Se3 films grown on InP(111)A by molecular-beam epitaxy. *Applied Physics Letters*, **2013**, 102, 151604	3.4	42
258	Economic design of cumulative count of conforming charts under inspection by samples. *International Journal of Production Economics*, **2008**, 111, 93-104	9.3	42
257	A study of interval analysis for cold-standby system reliability optimization under parameter uncertainty. *Computers and Industrial Engineering*, **2016**, 97, 93-100	6.4	42
256	Disorder-induced linear magnetoresistance in (221) topological insulator Bi2Se3 films. *Applied Physics Letters*, **2013**, 103, 031606	3.4	41
255	A systematic methodology to deal with the dynamics of customer needs in Quality Function Deployment. *Expert Systems With Applications*, **2011**, 38, 3653-3662	7.8	41
254	Multiresponse systems optimization using a goal attainment approach. *IIE Transactions*, **2004**, 36, 433-445		41
253	Superlattices of Bi2Se3/In2Se3: Growth characteristics and structural properties. *Applied Physics Letters*, **2011**, 99, 023112	3.4	39
252	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	2.7	39
251	Optimal burn-in for repairable products sold with a two-dimensional warranty. *IIE Transactions*, **2013**, 45, 164-176		37
250	An unpunctual preventive maintenance policy under two-dimensional warranty. *European Journal of Operational Research*, **2020**, 282, 304-318	5.6	37
249	A Study of Reliability of Multi-State Systems with Two Performance Sharing Groups. *Quality and Reliability Engineering International*, **2016**, 32, 2623-2632	2.6	36
248	Optimal inspection and replacement policy based on experimental degradation data with covariates. *IISE Transactions*, **2019**, 51, 322-336	3.3	35
247	An Integrated Framework for Risk Response Planning Under Resource Constraints in Large Engineering Projects. *IEEE Transactions on Engineering Management*, **2013**, 60, 627-639	2.6	35
246	Efficient estimation of the weibull shape parameter based on a modified profile likelihood. *Journal of Statistical Computation and Simulation*, **2003**, 73, 115-123	0.9	35
245	An EWMA monitoring scheme with a single auxiliary variable for industrial processes. *Computers and Industrial Engineering*, **2017**, 114, 1-10	6.4	34
244	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	7.8	34

243	Rebooting data-driven soft-sensors in process industries: A review of kernel methods. *Journal of Process Control*, **2020**, 89, 58-73	3.9	34
242	Economic design of exponential charts for time between events monitoring. *International Journal of Production Research*, **2005**, 43, 5019-5032	7.8	34
241	A condition-based maintenance strategy for heterogeneous populations. *Computers and Industrial Engineering*, **2014**, 77, 103-114	6.4	33
240	Probability analysis of offshore fire by incorporating human and organizational factor. *Ocean Engineering*, **2011**, 38, 2042-2055	3.9	33
239	Subjective operational reliability assessment of maritime transportation system. *Expert Systems With Applications*, **2011**, 38, 13835-13835	7.8	33
238	A generic data-driven software reliability model with model mining technique. *Reliability Engineering and System Safety*, **2010**, 95, 671-678	6.3	33
237	Design of Gamma Charts Based on Average Time to Signal. *Quality and Reliability Engineering International*, **2016**, 32, 1041-1058	2.6	33
236	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	3.2	32
235	Adaptive ridge regression system for software cost estimating on multi-collinear datasets. *Journal of Systems and Software*, **2010**, 83, 2332-2343	3.3	32
234	Inspection schemes for general systems. *IIE Transactions*, **2004**, 36, 817-825		32
233	Weibull Distributions and Their Applications **2006**, 63-78		32
232	Remaining useful life prediction and predictive maintenance strategies for multi-state manufacturing systems considering functional dependence. *Reliability Engineering and System Safety*, **2021**, 210, 107560	6.3	32
231	Alternative methods for the simultaneous monitoring of simple linear profile parameters. *International Journal of Advanced Manufacturing Technology*, **2018**, 97, 2851-2871	3.2	32
230	Life cycle reliability assessment of new products A Bayesian model updating approach. *Reliability Engineering and System Safety*, **2013**, 112, 109-119	6.3	31
229	Optimal resource distribution between protection and redundancy considering the time and uncertainties of attacks. *European Journal of Operational Research*, **2015**, 243, 200-210	5.6	30
228	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	11.9	30
227	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	7.8	29
226	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		29

225	A simple goodness-of-fit test for the power-law process, based on the Duane plot. *IEEE Transactions on Reliability*, **2003**, 52, 69-74	4.6	29
224	A model for integer-valued time series with conditional overdispersion. *Computational Statistics and Data Analysis*, **2012**, 56, 4229-4242	1.6	28
223	Growth of multilayers of Bi2Se3/ZnSe: Heteroepitaxial interface formation and strain. *Applied Physics Letters*, **2011**, 98, 043104	3.4	28
222	Models and monitoring of zero-inflated processes: The past and current trends. *Quality and Reliability Engineering International*, **2019**, 35, 2540-2557	2.6	27
221	Generalized moment-independent importance measures based on Minkowski distance. *European Journal of Operational Research*, **2014**, 239, 449-455	5.6	27
220	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		27
219	On a generalized k-out-of-n system and its reliability. *International Journal of Systems Science*, **2005**, 36, 267-274	2.3	27
218	Using accelerated life tests data to predict warranty cost under imperfect repair. *Computers and Industrial Engineering*, **2017**, 107, 223-234	6.4	26
217	Rank-based EWMA procedure for sequentially detecting changes of process location and variability. *Quality Technology and Quantitative Management*, **2018**, 15, 354-373	1.9	26
216	Kinetic energy barriers on the GaN(0001) surface: A nucleation study by scanning tunneling microscopy. *Physical Review B*, **2008**, 77,	3.3	26
215	Utilizing experimental degradation data for warranty cost optimization under imperfect repair. *Reliability Engineering and System Safety*, **2018**, 177, 108-119	6.3	25
214	Fuzzy copula model for wind speed correlation and its application in wind curtailment evaluation. *Renewable Energy*, **2016**, 93, 68-76	8.1	25
213	Maintenance Scheduling for Multicomponent Systems with Hidden Failures. *IEEE Transactions on Reliability*, **2017**, 66, 1280-1292	4.6	25
212	Cold-standby redundancy allocation problem with degrading components. *International Journal of General Systems*, **2015**, 44, 876-888	2.1	25
211	Reliability evaluation of hard disk drive failures based on counting processes. *Reliability Engineering and System Safety*, **2013**, 109, 110-118	6.3	25
210	Analysis of maintenance policies for finite life-cycle multi-state systems. *Computers and Industrial Engineering*, **2010**, 59, 638-646	6.4	25
209	Development of RVM-Based Multiple-Output Soft Sensors With Serial and Parallel Stacking Strategies. *IEEE Transactions on Control Systems Technology*, **2019**, 27, 2727-2734	4.8	25
208	Optimal condition-based maintenance policy with delay for systems subject to competing failures under continuous monitoring. *Computers and Industrial Engineering*, **2018**, 124, 535-544	6.4	24

207	JOINT MAINTENANCE AND SPARE COMPONENT PROVISIONING POLICY FOR k-OUT-OF-n SYSTEMS. *Asia-Pacific Journal of Operational Research*, **2013**, 30, 1350023	0.8	24
206	A Burn-In Scheme Based on Percentiles of the Residual Life. *Journal of Quality Technology*, **2011**, 43, 334-345	1.4	24
205	Optimizing product design using quantitative quality function deployment: a case study. *Quality and Reliability Engineering International*, **2007**, 23, 45-57	2.6	24
204	On some importance measures of system components. *Stochastic Processes and Their Applications*, **1987**, 25, 273-280	1.1	24
203	Stochastic Filtering Approach for Condition-Based Maintenance Considering Sensor Degradation. *IEEE Transactions on Automation Science and Engineering*, **2020**, 17, 177-190	4.9	24
202	A Bivariate Maintenance Policy for Multi-State Repairable Systems With Monotone Process. *IEEE Transactions on Reliability*, **2013**, 62, 876-886	4.6	22
201	Optimal preventive maintenance strategy for leased equipment under successive usage-based contracts. *International Journal of Production Research*, **2019**, 57, 5705-5724	7.8	22
200	Outlier identification and robust parameter estimation in a zero-inflated Poisson model. *Journal of Applied Statistics*, **2011**, 38, 421-430	1	21
199	Warranty cost analysis for nonrepairable services products. *International Journal of Systems Science*, **2008**, 39, 279-288	2.3	21
198	Origin of triangular island shape and double-step bunching during GaN growth by molecular-beam epitaxy under excess Ga conditions. *Physical Review B*, **2006**, 74,	3.3	21
197	Observation of "Ghost" islands and surfactant effect of surface gallium atoms during GaN growth by molecular beam epitaxy. *Physical Review Letters*, **2000**, 85, 2352-5	7.4	21
196	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	2.6	21
195	Small-batch-size convolutional neural network based fault diagnosis system for nuclear energy production safety with big-data environment. *International Journal of Energy Research*, **2020**, 44, 5841-5855	4.5	20
194	On modeling dynamic priorities in the analytic hierarchy process using compositional data analysis. *European Journal of Operational Research*, **2009**, 194, 834-846	5.6	20
193	Confidence Intervals for the Scale Parameter of the Power-Law Process. *Communications in Statistics - Theory and Methods*, **2006**, 35, 1525-1538	0.5	20
192	Direct observation of a Ga adlayer on a GaN(0001) surface by LEED Patterson inversion. *Physical Review B*, **2003**, 67,	3.3	20
191	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	7.8	20
190	A hybrid risks-informed approach for the selection of supplier portfolio. *International Journal of Production Research*, **2016**, 54, 2019-2034	7.8	19

189	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	0.9	19
188	Evidence for a Type-II band alignment between cubic and hexagonal phases of GaN. *Applied Physics Letters*, **2003**, 82, 1033-1035	3.4	19
187	A Novel Approach to DSM-Based Activity Sequencing Problem. *IEEE Transactions on Engineering Management*, **2011**, 58, 688-705	2.6	18
186	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	0.9	17
185	Two MEWMA Charts for Gumbel's Bivariate Exponential Distribution. *Journal of Quality Technology*, **2011**, 43, 50-65	1.4	17
184	Classifying Weak, and Strong Components Using ROC Analysis With Application to Burn-In. *IEEE Transactions on Reliability*, **2007**, 56, 552-561	4.6	17
183	Reliability of fault-tolerant systems with parallel task processing. *European Journal of Operational Research*, **2007**, 177, 420-430	5.6	17
182	QFD optimization using linear physical programming. *Engineering Optimization*, **2006**, 38, 593-607	2	17
181	Performance-based maintenance of gas turbines for reliable control of degraded power systems. *Mechanical Systems and Signal Processing*, **2018**, 103, 398-412	7.8	17
180	Applying Importance Measures to Risk Analysis in Engineering Project Using a Risk Network Model. *IEEE Systems Journal*, **2017**, 11, 1548-1556	4.3	16
179	Statistical inference for the extreme value distribution under adaptive Type-II progressive censoring schemes. *Journal of Statistical Computation and Simulation*, **2014**, 84, 1099-1114	0.9	16
178	. *IEEE Transactions on Reliability*, **2009**, 58, 425-431	4.6	16
177	Optimal testing strategies in overlapped design process. *European Journal of Operational Research*, **2010**, 206, 131-143	5.6	16
176	Shallow optically active structural defect in wurtzite GaN epilayers grown on stepped 4H-SiC substrates. *Applied Physics Letters*, **2003**, 83, 3477-3479	3.4	16
175	More on the mis-specification of the shape parameter with Weibull-to-exponential transformation. *Quality and Reliability Engineering International*, **2000**, 16, 281-290	2.6	16
174	A new approach for fault diagnosis with full-scope simulator based on state information imaging in nuclear power plant. *Annals of Nuclear Energy*, **2020**, 141, 107274	1.7	16
173	Effects of wind speed probabilistic and possibilistic uncertainties on generation system adequacy. *IET Generation, Transmission and Distribution*, **2015**, 9, 339-347	2.5	15
172	On optimal upgrade strategy for second-hand multi-component systems sold with warranty. *International Journal of Production Research*, **2019**, 57, 847-864	7.8	15

171	Cost analysis of a piece-wise renewing free replacement warranty policy. *Computers and Industrial Engineering*, **2019**, 135, 1047-1062	6.4	15
170	Reliability estimation of maritime transportation: A study of two fuzzy reliability models. *Ocean Engineering*, **2013**, 72, 1-10	3.9	15
169	An Optimal Control Procedure based on Multivariate Synthetic Cumulative Sum. *Quality and Reliability Engineering International*, **2014**, 30, 1049-1058	2.6	15
168	Scaling of three-dimensional InN islands grown on GaN(0001) by molecular-beam epitaxy. *Physical Review B*, **2003**, 68,	3.3	15
167	An Ameliorated Improvement Factor Model for Imperfect Maintenance and Its Goodness of Fit. *Technometrics*, **2017**, 59, 237-246	1.4	14
166	A Study of Control Chart for Monitoring Exponentially Distributed Characteristics Based On Type-II Censored Samples. *Quality and Reliability Engineering International*, **2017**, 33, 1513-1526	2.6	14
165	Imperfect Preventive Maintenance Policies With Unpunctual Execution. *IEEE Transactions on Reliability*, **2020**, 69, 1480-1492	4.6	14
164	RELIABILITY AND MODELING OF SYSTEMS INTEGRATED WITH FIRMWARE AND HARDWARE. *International Journal of Reliability, Quality and Safety Engineering*, **2005**, 12, 227-239	0.6	14
163	Monitoring of Time-Between-Events with a Generalized Group Runs Control Chart. *Quality and Reliability Engineering International*, **2016**, 32, 767-781	2.6	14
162	A comparative study of some EWMA schemes for simultaneous monitoring of mean and variance of a Gaussian process. *Computers and Industrial Engineering*, **2019**, 135, 426-439	6.4	13
161	Modelling the evolution of ballasted railway track geometry by a two-level piecewise model. *Structure and Infrastructure Engineering*, **2018**, 14, 33-45	2.9	13
160	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	7.3	13
159	A Stochastic EM Algorithm for Progressively Censored Data Analysis. *Quality and Reliability Engineering International*, **2014**, 30, 711-722	2.6	13
158	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	2.5	13
157	Analyzing Highly Censored Reliability Data without Exact Failure Times: An Efficient Tool for Practitioners. *Quality Engineering*, **2013**, 25, 392-400	1.4	13
156	Performance distribution of a fault-tolerant system in the presence of failure correlation. *IIE Transactions*, **2006**, 38, 499-509		13
155	Error analysis of some integration procedures for renewal equation and convolution integrals. *Journal of Statistical Computation and Simulation*, **2003**, 73, 59-70	0.9	13
154	Structure determination of indium-induced Si(111) surface by LEED Patterson inversion. *Physical Review B*, **2005**, 72,	3.3	13

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150	Dynamic modeling of general three-state k-out-of-n:G systems: Permanent-based computational results. *Journal of Computational and Applied Mathematics*, **2014**, 272, 97-106	2.4	12
149	Dynamic benchmarking methodology for quality function deployment. *Benchmarking*, **2010**, 17, 27-43	4	12
148	Surface atomic arrangement visualization via reference-atom-specific holography. *Physical Review Letters*, **2002**, 89, 216101	7.4	12
147	Static output feedback stabilization of networked control systems with a parallel-triggered scheme. *ISA Transactions*, **2019**, 85, 60-70	5.5	12
146	A Joint Long Short-Term Memory and AdaBoost regression approach with application to remaining useful life estimation. *Measurement: Journal of the International Measurement Confederation*, **2021**, 170, 108707	4.6	12
145	Simultaneously monitoring frequency and magnitude of events based on bivariate gamma distribution. *Journal of Statistical Computation and Simulation*, **2017**, 87, 1723-1741	0.9	11
144	A Study of Lifetime Optimization of Transportation System. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2012**, 42, 1013-1019		10
143	Dislocation network at InN⎯GaN interface revealed by scanning tunneling microscopy. *Applied Physics Letters*, **2008**, 92, 231907	3.4	10
142	The increase of reliability of systems through improving a component. *Reliability Engineering and System Safety*, **1989**, 26, 189-195	6.3	10
141	Bayesian network-based risk analysis methodology: A case of atmospheric and vacuum distillation unit. *Chemical Engineering Research and Design*, **2018**, 117, 660-674	5.5	10
140	Condition-based maintenance for long-life assets with exposure to operational and environmental risks. *International Journal of Production Economics*, **2020**, 221, 107482	9.3	10
139	Resilient Critical Infrastructure Planning Under Disruptions Considering Recovery Scheduling. *IEEE Transactions on Engineering Management*, **2021**, 68, 452-466	2.6	10
138	Modeling and Analysis of the Reliability of Digital Networked Control Systems Considering Networked Degradations. *IEEE Transactions on Automation Science and Engineering*, **2017**, 14, 1491-1503	4.9	9
137	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*, **2020**, 1-12	7.3	9
136	Generalized Confidence Interval for the Scale Parameter of the Power-Law Process. *Communications in Statistics - Theory and Methods*, **2013**, 42, 898-906	0.5	9

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134	A unified confidence interval for reliability-related quantities of two-parameter Weibull distribution. *Journal of Statistical Computation and Simulation*, **2007**, 77, 365-378	0.9	9
133	Growth of SiOx nanowire bunches cocatalyzed with Ga and Ni. *Journal of Applied Physics*, **2005**, 98, 074315		9
132	Reliability assessment of system under a generalized cumulative shock model. *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*, **2020**, 234, 129-137	0.8	9
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128	Objective Bayes analysis of zero-inflated Poisson distribution with application to healthcare data. *IIE Transactions*, **2014**, 46, 843-852		8
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