Lirong Cui

List of Publications by Year
in descending order

172 papers	3,802 citations	117453 34 h-index	197535 49 g-index
173 all docs	173 docs citations	173 times ranked	1130 citing authors

#	Article	IF	Citations
1	Optimal mission abort policy for systems subject to random shocks based on virtual age process. Reliability Engineering and System Safety, 2019, 189, 11-20.	5.1	106
2	Reliability evaluation based on a dependent two-stage failure process with competing failures. Applied Mathematical Modelling, 2018, 64, 699-712.	2.2	93
3	Gamma process based optimal mission abort policy. Reliability Engineering and System Safety, 2019, 190, 106496.	5.1	92
4	Availability and maintenance modelling for systems subject to multiple failure modes. Computers and Industrial Engineering, 2017, 108, 192-198.	3.4	89
5	A Study on a Single-Unit Markov Repairable System With Repair Time Omission. IEEE Transactions on Reliability, 2006, 55, 182-188.	3.5	82
6	Analysis for joint importance of components in a coherent system. European Journal of Operational Research, 2007, 182, 282-299.	3.5	82
7	Reliability and availability analysis of stochastic degradation systems based on bivariate Wiener processes. Applied Mathematical Modelling, 2020, 79, 414-433.	2.2	82
8	Reliability modeling for degradation-shock dependence systems with multiple species of shocks. Reliability Engineering and System Safety, 2019, 185, 133-143.	5.1	80
9	Reliabilities for (n,f,k) systems. Statistics and Probability Letters, 1999, 43, 237-242.	0.4	67
10	Availability of a periodically inspected system with random repair or replacement times. Journal of Statistical Planning and Inference, 2005, 131, 89-100.	0.4	66
11	Dynamic mission abort policy for systems operating in a controllable environment with self-healing mechanism. Reliability Engineering and System Safety, 2020, 203, 107069.	5.1	65
12	Reliability evaluation of generalised multi-state k-out-of-n systems based on FMCI approach. International Journal of Systems Science, 2010, 41, 1437-1443.	3.7	64
13	Optimal maintenance policy considering maintenance errors for systems operating under performance-based contracts. Computers and Industrial Engineering, 2017, 112, 147-155.	3.4	62
14	Modeling the evolution of system reliability performance under alternative environments. IIE Transactions, 2011, 43, 761-772.	2.1	59
15	On the dual reliability systems of and. Statistics and Probability Letters, 2006, 76, 1081-1088.	0.4	56
16	Reliability analysis for multi-component systems with degradation interaction and categorized shocks. Applied Mathematical Modelling, 2018, 56, 487-500.	2.2	56
17	Developments and Applications of the Finite Markov Chain Imbedding Approach in Reliability. IEEE Transactions on Reliability, 2010, 59, 685-690.	3.5	53
18	A study on stochastic degradation process models under different types of failure Thresholds. Reliability Engineering and System Safety, 2019, 181, 202-212.	5.1	53

#	Article	IF	Citations
19	Markov Repairable Systems with History-Dependent Up and Down States. Stochastic Models, 2007, 23, 665-681.	0.3	52
20	Two-Phase Degradation Process Model With Abrupt Jump at Change Point Governed by Wiener Process. IEEE Transactions on Reliability, 2017, 66, 1345-1360.	3.5	51
21	Opportunistic Maintenance for Multi-component Shock Models. Mathematical Methods of Operations Research, 2006, 63, 493-511.	0.4	50
22	Reliability analysis for a Wiener degradation process model under changing failure thresholds. Reliability Engineering and System Safety, 2018, 171, 1-8.	5.1	49
23	Availability and optimal maintenance policy for systems degrading in dynamic environments. European Journal of Operational Research, 2019, 276, 133-143.	3.5	49
24	System Reliability Under Cascading Failure Models. IEEE Transactions on Reliability, 2016, 65, 929-940.	3.5	46
25	An Analysis of Availability for Series Markov Repairable System With Neglected or Delayed Failures. IEEE Transactions on Reliability, 2010, 59, 734-743.	3.5	45
26	Reliability for k-out-of-n:F balanced systems with m sectors. IISE Transactions, 2018, 50, 381-393.	1.6	45
27	Optimal allocation of units in sequential probability series systems. Reliability Engineering and System Safety, 2018, 169, 351-363.	5.1	44
28	m-Consecutive-k, l-Out-of-n Systems. IEEE Transactions on Reliability, 2015, 64, 386-393.	3.5	41
29	Degradation Models With Wiener Diffusion Processes Under Calibrations. IEEE Transactions on Reliability, 2016, 65, 613-623.	3.5	40
30	Reliability for Sparsely Connected Consecutive-k Systems. IEEE Transactions on Reliability, 2007, 56, 516-524.	3.5	39
31	Multi-Point and Multi-Interval Availabilities. IEEE Transactions on Reliability, 2013, 62, 811-820.	3.5	38
32	Modeling and analysis for multi-state systems with discrete-time Markov regime-switching. Reliability Engineering and System Safety, 2017, 166, 41-49.	5.1	37
33	MDD-based performability analysis of multi-state linear consecutive-k-out-of-n: F systems. Reliability Engineering and System Safety, 2017, 166, 124-131.	5.1	37
34	Reliability for systems with self-healing effect under shock models. Quality Technology and Quantitative Management, 2018, 15, 551-567.	1.1	36
35	Aggregated semi-Markov repairable systems with history-dependent up and down states. Mathematical and Computer Modelling, 2011, 53, 883-895.	2.0	35
36	Reliability Modeling on Consecutive-k_r-out-of-n_r:F Linear Zigzag Structure and Circular Polygon Structure. IEEE Transactions on Reliability, 2016, 65, 1509-1521.	3.5	35

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37	Reliability modeling for a two-phase degradation system with a change point based on a Wiener process. Reliability Engineering and System Safety, 2020, 193, 106601.	5.1	35
38	Inspection schemes for general systems. IIE Transactions, 2004, 36, 817-825.	2.1	34
39	A study on a single-unit repairable system with state aggregations. IIE Transactions, 2012, 44, 1022-1032.	2.1	32
40	System performance of damage self-healing systems under random shocks by using discrete state method. Computers and Industrial Engineering, 2018, 125, 124-134.	3.4	32
41	Balanced reliability systems under Markov processes. IISE Transactions, 2019, 51, 1025-1035.	1.6	32
42	Extended Phase-type models for multistate competing risk systems. Reliability Engineering and System Safety, 2019, 181, 1-16.	5.1	31
43	On a generalized k-out-of-n system and its reliability. International Journal of Systems Science, 2005, 36, 267-274.	3.7	29
44	Performance Analysis for a Wireless Sensor Network of Star Topology with Random Nodes Deployment. Wireless Personal Communications, 2017, 97, 3993-4013.	1.8	29
45	Reliability analysis of semi-Markov systems with restriction on transition times. Reliability Engineering and System Safety, 2019, 190, 106516.	5.1	29
46	Availability analysis of periodically inspected systems with random walk model. Journal of Applied Probability, 2001, 38, 860-871.	0.4	28
47	Reliability and Birnbaum Importance for Sparsely Connected Circular Consecutive-<formula formulatype="inline"><tex Notation="TeX">$k $</tex></formula> Systems. IEEE Transactions on Reliability, 2015, 64, 1140-1157.	3.5	28
48	Preventive maintenance policy of single‐unit systems based on shot‐noise process. Quality and Reliability Engineering International, 2019, 35, 550-560.	1.4	28
49	Reliability analysis of a system with two-stage degradation using Wiener processes with piecewise linear drift. IMA Journal of Management Mathematics, 2021, 32, 3-29.	1.1	28
50	Availability analysis of periodically inspected systems with random walk model. Journal of Applied Probability, 2001, 38, 860-871.	0.4	27
51	On the Accelerated Scan Finite Markov Chain Imbedding Approach. IEEE Transactions on Reliability, 2009, 58, 383-388.	3.5	27
52	Maintenance policies for energy systems subject to complex failure processes and power purchasing agreement. Computers and Industrial Engineering, 2018, 119, 193-203.	3.4	27
53	Component Importance for Multi-State System Lifetimes With Renewal Functions. IEEE Transactions on Reliability, 2014, 63, 105-117.	3.5	26
54	Reliability performance for dynamic systems with cycles of K regimes. IIE Transactions, 2016, 48, 389-402.	2.1	26

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55	Availability and maintenance modeling for systems subject to dependent hard and soft failures. Applied Stochastic Models in Business and Industry, 2018, 34, 513-527.	0.9	26
56	New interval availability indexes for Markov repairable systems. Reliability Engineering and System Safety, 2017, 168, 12-17.	5.1	25
57	Reliability analysis of Markov history-dependent repairable systems with neglected failures. Reliability Engineering and System Safety, 2017, 159, 134-142.	5.1	25
58	Markov repairable systems with stochastic regimes switching. Journal of Systems Engineering and Electronics, 2011, 22, 773-779.	1.1	24
59	Performability analysis of multi-state series-parallel systems with heterogeneous components. Reliability Engineering and System Safety, 2018, 171, 48-56.	5.1	24
60	Computation of survival signatures for multi-state consecutive-k systems. Reliability Engineering and System Safety, 2021, 208, 107429.	5.1	24
61	Exact Reliability of a Linear Connected-(r,s)-out-of-(m,n): F System. IEEE Transactions on Reliability, 2011, 60, 689-698.	3.5	23
62	Reliability measures for two-part partition of states for aggregated Markov repairable systems. Annals of Operations Research, 2014, 212, 93-114.	2.6	23
63	A common random effect induced bivariate gamma degradation process with application to remaining useful life prediction. Reliability Engineering and System Safety, 2022, 219, 108200.	5.1	23
64	Reliability performance for dynamic multi-state repairable systems with K regimes. IISE Transactions, 2017, 49, 911-926.	1.6	22
65	A Study on the Reliability of Consecutive *k*-Out-of-*n*: G Systems Based on Copula. Communications in Statistics - Theory and Methods, 2010, 39, 2455-2472.	0.6	20
66	Reliability Research of *k*-out-of-*n*: G Supply Chain System Based on Copula. Communications in Statistics - Theory and Methods, 2012, 41, 4023-4033.	0.6	20
67	A performance measure for Markov system with stochastic supply patterns and stochastic demand patterns. Reliability Engineering and System Safety, 2013, 119, 294-299.	5.1	20
68	Reliability of repairable multi-state two-phase mission systems with finite number of phase switches. Applied Mathematical Modelling, 2020, 77, 1229-1241.	2.2	20
69	Reliability analysis for balanced engine systems with m sectors by considering start-up probability. Reliability Engineering and System Safety, 2020, 197, 106829.	5.1	20
70	Interval reliability for aggregated Markov repairable system with repair time omission. Annals of Operations Research, 2014, 212, 169-183.	2.6	19
71	Distribution and availability for aggregated second-order semi-Markov ternary system with working time omission. Reliability Engineering and System Safety, 2017, 166, 50-60.	5.1	19
72	A new computation method for signature: Markov process method. Naval Research Logistics, 2018, 65, 410-426.	1.4	19

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73	Multi-state balanced systems with multiple failure criteria. Reliability Engineering and System Safety, 2020, 199, 106888.	5.1	19
74	Reliability for consecutive-k-out-of-n: F systems with shared components between adjacent subsystems. Reliability Engineering and System Safety, 2021, 210, 107532.	5.1	19
75	A note on the proof for the optimal consecutive-k-out-of- line for. Journal of Statistical Planning and Inference, 2008, 138, 1516-1520.	0.4	18
76	Reliability for discrete state systems with cyclic missions periods. Applied Mathematical Modelling, 2016, 40, 10783-10799.	2.2	18
77	Sensor-based calibrations to improve reliability of systems subject to multiple dependent competing failure processes. Reliability Engineering and System Safety, 2017, 160, 101-113.	5.1	18
78	Availability and maintenance modeling for a two-component system with dependent failures over a finite time horizon. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2019, 233, 200-210.	0.6	18
79	An elementary derivation of moments of Hawkes processes. Advances in Applied Probability, 2020, 52, 102-137.	0.4	18
80	Birnbaum Importance for Linear Consecutive-k-out-of-n Systems With Sparse d. IEEE Transactions on Reliability, 2015, 64, 359-375.	3.5	17
81	Traffic accident modelling via self-exciting point processes. Reliability Engineering and System Safety, 2018, 180, 312-320.	5.1	17
82	Reliability Modeling for Sparsely Connected Homogeneous Multistate Consecutive-k-Out-of-n: GSystems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1844-1854.	5.9	17
83	AN AVAILABILITY MODEL FOR STORAGE PRODUCTS UNDER PERIODICAL INSPECTIONS. International Journal of Reliability, Quality and Safety Engineering, 2010, 17, 89-103.	0.4	16
84	Availability analysis and maintenance modelling for inspected Markov systems with down time threshold. Quality Technology and Quantitative Management, 2019, 16, 478-495.	1.1	16
85	A Study on Joint Availability for k-out-of-n and Consecutive k-out-of-n Points and Intervals. Quality Technology and Quantitative Management, 2013, 10, 179-191.	1.1	15
86	A multiple warm standby δ-shock system with a repairman having multiple vacations. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 3172-3186.	0.6	15
87	Stochastic properties and reliability measures of discrete-time semi-Markovian systems. Reliability Engineering and System Safety, 2018, 176, 162-173.	5.1	15
88	Reliability evaluation of Markov renewal shock models with multiple failure mechanisms. Reliability Engineering and System Safety, 2020, 202, 107051.	5.1	15
89	Maintenance Models and Optimization. , 2008, , 789-805.		15
90	A Study on Reliability for A Two-Item Cold Standby Markov Repairable System with Neglected Failures. Communications in Statistics - Theory and Methods, 2012, 41, 3988-3999.	0.6	14

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91	Balanced Systems by Considering Multi-state Competing Risks Under Degradation Processes. Reliability Engineering and System Safety, 2021, 205, 107252.	5.1	14
92	Reliability and maintenance of systems subject to Gamma degradation and shocks in dynamic environments. Applied Mathematical Modelling, 2021, 96, 367-381.	2.2	14
93	Reliability modelling for linear and circular k-out-of-n: F systems with shared components. Reliability Engineering and System Safety, 2022, 219, 108172.	5.1	14
94	Reliability analysis for systems with self-healing mechanism under two different types of cumulative shocks. Quality Technology and Quantitative Management, 2022, 19, 454-472.	1.1	14
95	Some Analytical and Numerical Bounds on the Renewal Function. Communications in Statistics - Theory and Methods, 2006, 35, 1815-1827.	0.6	13
96	Reliability of non-repairable systems with cyclic-mission switching and multimode failure components. Journal of Computational Science, 2016, 17, 126-138.	1.5	13
97	Availability analysis of k-out-of-n: F repairable balanced systems with m sectors. Reliability Engineering and System Safety, 2019, 191, 106572.	5.1	13
98	Reliability of multi-state systems under Markov renewal shock models with multiple failure levels. Computers and Industrial Engineering, 2020, 145, 106509.	3.4	13
99	On the multi-state signatures of ordered system lifetimes. Advances in Applied Probability, 2020, 52, 291-318.	0.4	13
100	Reliabilities for (n, f, k (i, j)) and âŸ¨n, f, k (i, j)âŸ© Systems. Communications in Statistics - Theory and Methods, 2006, 35, 1779-1789.	0.6	12
101	Reliabilities of a single-unit system with multi-phased missions. Communications in Statistics - Theory and Methods, 2016, 45, 2524-2537.	0.6	12
102	Reliability evaluation for balanced systems with auto-balancing mechanisms. Reliability Engineering and System Safety, 2021, 213, 107780.	5.1	12
103	Optimal sign test for quantiles in ranked set samples. Journal of Statistical Planning and Inference, 2010, 140, 2943-2951.	0.4	11
104	A cold standby repairable system with the repairman having multiple vacations and operational, repair, and vacation times following phase-type distributions. Communications in Statistics - Theory and Methods, 2016, 45, 850-858.	0.6	11
105	Reliability analysis of periodically inspected systems with competing risks under Markovian environments. Computers and Industrial Engineering, 2021, 158, 107415.	3.4	11
106	Generalized phase-type distributions based on multi-state systems. IISE Transactions, 2020, 52, 104-119.	1.6	10
107	Reliabilities of Some Multistate Consecutive-k Systems. IEEE Transactions on Reliability, 2020, 69, 414-429.	3.5	10
108	Comparisons of Multi-State Systems with Binary Components of Different Sizes. Methodology and Computing in Applied Probability, 2021, 23, 1309-1321.	0.7	10

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109	Two novel critical shock models based on Markov renewal processes. Naval Research Logistics, 2022, 69, 163-176.	1.4	10
110	AVAILABILITY FOR A REPAIRABLE SYSTEM WITH FINITE REPAIRS. , 2004, , .		10
111	Reliability of consecutive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e5902" altimg="si136.svg"><mml:mrow><mml:mo>(</mml:mo><mml:mi>k</mml:mi><mml:mo>,</mml:mo><mml:mi>l</mml:mi><mml:mo>)</mml:mo></mml:mrow></mml:math> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e5916" altimg="si137.svg"><mml:mi>n</mml:mi></mml:math>: F systems with shared components under non-homogeneous Markov dependence. Reliability Engineering and System Safety, 2022, 224, 108549.	5.1	10
112	A Design of Attributes Single Sampling Plans for Three-Class Products. Quality Technology and Quantitative Management, 2013, 10, 369-387.	1.1	9
113	Performability Analysis of Large-Scale Multi-State Computing Systems. IEEE Transactions on Computers, 2018, 67, 59-72.	2.4	9
114	Partial self-exciting point processes and their parameter estimations. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2913-2935.	0.6	9
115	Some reliability indexes and sojourn time distributions for a repairable degradation model. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2016, 230, 334-349.	0.6	8
116	Performance measures for systems under multiple environments. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 90-95.	8.5	8
117	First Hitting Time Distributions for Brownian Motion and Regions with Piecewise Linear Boundaries. Methodology and Computing in Applied Probability, 2019, 21, 1-23.	0.7	8
118	Availability analysis for general repairable systems with repair time threshold. Communications in Statistics - Theory and Methods, 2019, 48, 628-647.	0.6	8
119	On reliability analysis of a load-sharing *k*-out-of-*n*: G system with interacting Markov subsystems. International Journal of Production Research, 2022, 60, 2331-2345.	4.9	8
120	On Dependent Multi-State Semi-Coherent Systems Based on Multi-State Joint Signature. Methodology and Computing in Applied Probability, 2022, 24, 1717-1734.	0.7	8
121	Reliability evaluation of a Semi-Markov repairable system under alternative environments. Communications in Statistics - Theory and Methods, 2016, 45, 2938-2957.	0.6	7
122	Bayesian reliability assessment and degradation modeling with calibrations and random failure threshold. Journal of Shanghai Jiaotong University (Science), 2016, 21, 478-483.	0.5	7
123	Availability analysis and optimal inspection policy for systems with neglected down time. Communications in Statistics - Theory and Methods, 2019, 48, 2787-2809.	0.6	7
124	Numerical method for means of linear Hawkes processes. Communications in Statistics - Theory and Methods, 2020, 49, 3681-3697.	0.6	7
125	Optimization of joint maintenance strategy for safetyâ€critical systems with different reliability degrees. Expert Systems, 2011, 28, 199-208.	2.9	6
126	A Further Study on Reliable Life Estimation under Ranked Set Sampling. Communications in Statistics - Theory and Methods, 2012, 41, 3888-3902.	0.6	6

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127	Weighted Estimation of Quantiles Using Unbalanced Ranked Set Sampling. Quality Technology and Quantitative Management, 2014, 11, 281-295.	1.1	6
128	Some New Concepts and Their Computational Formulae in Aggregated Stochastic Processes with Classifications Based on Sojourn Times. Methodology and Computing in Applied Probability, 2016, 18, 999-1019.	0.7	6
129	An approximation method for evaluating the reliability of a dynamic k-out-of-n:F system subjected to cyclic alternating operation conditions. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2017, 231, 109-120.	0.6	6
130	Reliability modeling for systems degrading in K cyclical regimes based on gamma processes. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2018, 232, 754-765.	0.6	6
131	Availability analysis for periodically inspected systems subject to multiple failure modes. International Journal of Systems Science: Operations and Logistics, 2019, 6, 258-271.	2.0	6
132	New reliability indices for first- and second-order discrete-time aggregated semi-Markov systems with an application to TT&C system. Reliability Engineering and System Safety, 2021, 215, 107882.	5.1	6
133	Bayesian inference of multi-stage reliability for degradation systems with calibrations. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2016, 230, 18-33.	0.6	5
134	The analysis of mixed interval-censored and complete data. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 145-163.	0.6	5
135	A study on a single-unit repairable system with working and repair time omission under an alternative renewal process. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2017, 231, 232-241.	0.6	5
136	Multipoint and Multi-Interval Covering Availabilities. IEEE Transactions on Reliability, 2018, 67, 666-677.	3.5	5
137	A Further Study on Safety of Series and Parallel Systems. , 2007, , .		4
138	The Analysis of Alternative Interval-Censored and Complete Data. Quality Technology and Quantitative Management, 2015, 12, 537-560.	1.1	4
139	A New Design on Attributes Single Sampling Plans. Communications in Statistics - Theory and Methods, 2015, 44, 3350-3362.	0.6	4
140	Several new performance measures for Markov system with stochastic supply patterns and stochastic demand patterns. Journal of Computational Science, 2016, 17, 148-155.	1.5	4
141	A study on a stochastic process with state classifications based on sojourn times. Quality Technology and Quantitative Management, 2017, 14, 214-236.	1.1	4
142	Reliability Analysis for a Degradation System Subject to Dependent Soft and Hard Failure Processes. , 2017, , .		4
143	Modeling and analysis for time redundant systems with a given mission window. Computers and Industrial Engineering, 2019, 127, 480-492.	3.4	4
144	A bivariate replacement policy for an imperfect repair system based on geometric processes. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2019, 233, 670-681.	0.6	4

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145	Shocks models with damage effect evolutions following Markov processes. Journal of the Operational Research Society, 2023, 74, 430-444.	2.1	4
146	A study on reliability of a special two-dimensional system. , 2009, , .		3
147	Reliability Modeling and Analysis of Safety-Critical Manufacture System. , 2009, , .		3
148	Improvement on Start-up Demonstration Test. , 2010, , .		3
149	Stochastic quantile-filling augmentation algorithm to censored and accurate reliability data. Computers and Industrial Engineering, 2017, 108, 27-38.	3.4	3
150	Consecutive k and Related Modelsâ€"A Survey. Communications in Computer and Information Science, 2019, , 3-18.	0.4	3
151	Defect pattern recognition on nano/micro integrated circuits wafer. , 2008, , .		2
152	A study on reliability of supply chain based on higher order Markov chain. , 2008, , .		2
153	PERFORMANCE EVALUATION OF AGGREGATED MARKOV REPAIRABLE SYSTEMS WITH MULTI-OPERATING LEVELS. Asia-Pacific Journal of Operational Research, 2013, 30, 1350003.	0.9	2
154	Matching via majorization for consistency of product quality. Quality Technology and Quantitative Management, 2016, 13, 439-452.	1.1	2
155	A Design of Attributes Double Sampling Plans for Three-class Products. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 1054-1071.	0.6	2
156	An economic off-line quality control approach for unstable production processes. Quality Engineering, 2017, 29, 623-642.	0.7	2
157	An extension of Hawkes processes with ephemeral nearest effects. Stochastic Models, 2021, 37, 335-366.	0.3	2
158	Moments for Hawkes Processes with Gamma Decay Kernel Functions. Methodology and Computing in Applied Probability, 0, , 1.	0.7	2
159	Reliability evaluation of consecutive k-out-of-m: F balanced systems with a symmetry line. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 816-827.	0.6	2
160	A CONSECUTIVE-k_1 AND k_2-OUT-OF-n SYSTEM AND ITS RELIABILITY. , 2006, , .		2
161	Modeling and analyzing safety-critical parallel-series system safety. , 2009, , .		1
162	A study on a critical value-based aggregated poisson process. , 2012, , .		1

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163	Cold standby repairable system with working vacations and vacation interruption. Journal of Systems Engineering and Electronics, 2015, 26, 1127-1134.	1.1	1
164	Memory based scheme to monitor non-random small shift patterns in manufacturing process. Journal of Shanghai Jiaotong University (Science), 2016, 21, 509-512.	0.5	1
165	New First Passage Times and Their Distributions. , 2016, , .		1
166	Discussion of virtual age, is it real?. Applied Stochastic Models in Business and Industry, 2021, 37, 41-44.	0.9	1
167	On the Derivative Counting Processes of First- and Second-order Aggregated Semi-Markov Systems. Methodology and Computing in Applied Probability, 2022, 24, 1849-1875.	0.7	1
168	Multi-Point and Multi-Interval Bounded-Covering Availability Measures for Aggregated Markovian Repairable Systems. Methodology and Computing in Applied Probability, 0, , 1.	0.7	1
169	The Optimization of Maintenance Strategy for Repair Systems with Different Safe and Reliability Degrees. , 2008, , .		0
170	Reliability-Game Theory. , 2019, , 77-115.		0
171	Stochastic modelling with applications. IMA Journal of Management Mathematics, 2021, 32, 1-2.	1.1	0
172	State space splitting of a finite markov process and some discussions on related counting processes. Communications in Statistics - Theory and Methods, 2023, 52, 4021-4052.	0.6	0