

Lirong Cui

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

169
papers

2,727
citations

30
h-index

42
g-index

173
ext. papers

3,301
ext. citations

3.1
avg, IF

6.29
L-index

#	Paper	IF	Citations
169	A common random effect induced bivariate gamma degradation process with application to remaining useful life prediction. <i>Reliability Engineering and System Safety</i> , 2022 , 219, 108200	6.3	0
168	Reliability of consecutive-(k,l)-out-of-n: F systems with shared components under non-homogeneous Markov dependence. <i>Reliability Engineering and System Safety</i> , 2022 , 224, 108549	6.3	1
167	Reliability modelling for linear and circular k-out-of-n: F systems with shared components. <i>Reliability Engineering and System Safety</i> , 2021 , 108172	6.3	3
166	Computation of survival signatures for multi-state consecutive-k systems. <i>Reliability Engineering and System Safety</i> , 2021 , 208, 107429	6.3	6
165	Reliability for consecutive-k-out-of-n: F systems with shared components between adjacent subsystems. <i>Reliability Engineering and System Safety</i> , 2021 , 210, 107532	6.3	6
164	Reliability analysis of a system with two-stage degradation using Wiener processes with piecewise linear drift. <i>IMA Journal of Management Mathematics</i> , 2021 , 32, 3-29	1.4	19
163	Reliability Modeling for Sparsely Connected Homogeneous Multistate Consecutive-k-Out-of-n: GSystems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1844-1854	7.3	7
162	Discussion of virtual age, is it real?. <i>Applied Stochastic Models in Business and Industry</i> , 2021 , 37, 41-44	1.1	0
161	Balanced Systems by Considering Multi-state Competing Risks Under Degradation Processes. <i>Reliability Engineering and System Safety</i> , 2021 , 205, 107252	6.3	7
160	Stochastic modelling with applications. <i>IMA Journal of Management Mathematics</i> , 2021 , 32, 1-2	1.4	
159	An extension of Hawkes processes with ephemeral nearest effects. <i>Stochastic Models</i> , 2021 , 37, 335-366	0.5	0
158	Reliability and maintenance of systems subject to Gamma degradation and shocks in dynamic environments. <i>Applied Mathematical Modelling</i> , 2021 , 96, 367-381	4.5	1
157	Reliability analysis of periodically inspected systems with competing risks under Markovian environments. <i>Computers and Industrial Engineering</i> , 2021 , 158, 107415	6.4	4
156	Reliability evaluation for balanced systems with auto-balancing mechanisms. <i>Reliability Engineering and System Safety</i> , 2021 , 213, 107780	6.3	2
155	New reliability indices for first- and second-order discrete-time aggregated semi-Markov systems with an application to TT&C system. <i>Reliability Engineering and System Safety</i> , 2021 , 215, 107882	6.3	3
154	Reliability evaluation of Markov renewal shock models with multiple failure mechanisms. <i>Reliability Engineering and System Safety</i> , 2020 , 202, 107051	6.3	10
153	Dynamic mission abort policy for systems operating in a controllable environment with self-healing mechanism. <i>Reliability Engineering and System Safety</i> , 2020 , 203, 107069	6.3	31

152	Multi-state balanced systems with multiple failure criteria. <i>Reliability Engineering and System Safety</i> , 2020 , 199, 106888	6.3	8
151	Numerical method for means of linear Hawkes processes. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 49, 3681-3697	0.5	5
150	Reliability analysis for balanced engine systems with m sectors by considering start-up probability. <i>Reliability Engineering and System Safety</i> , 2020 , 197, 106829	6.3	7
149	An elementary derivation of moments of Hawkes processes. <i>Advances in Applied Probability</i> , 2020 , 52, 102-137	0.7	5
148	On the multi-state signatures of ordered system lifetimes. <i>Advances in Applied Probability</i> , 2020 , 52, 291-318	3.7	7
147	Reliability and availability analysis of stochastic degradation systems based on bivariate Wiener processes. <i>Applied Mathematical Modelling</i> , 2020 , 79, 414-433	4.5	59
146	Reliability of multi-state systems under Markov renewal shock models with multiple failure levels. <i>Computers and Industrial Engineering</i> , 2020 , 145, 106509	6.4	9
145	Comparisons of Multi-State Systems with Binary Components of Different Sizes. <i>Methodology and Computing in Applied Probability</i> , 2020 , 1	0.6	5
144	Generalized phase-type distributions based on multi-state systems. <i>IIEE Transactions</i> , 2020 , 52, 104-119	3.3	7
143	. <i>IEEE Transactions on Reliability</i> , 2020 , 69, 414-429	4.6	6
142	Reliability of repairable multi-state two-phase mission systems with finite number of phase switches. <i>Applied Mathematical Modelling</i> , 2020 , 77, 1229-1241	4.5	15
141	Reliability modeling for a two-phase degradation system with a change point based on a Wiener process. <i>Reliability Engineering and System Safety</i> , 2020 , 193, 106601	6.3	16
140	Reliability analysis of semi-Markov systems with restriction on transition times. <i>Reliability Engineering and System Safety</i> , 2019 , 190, 106516	6.3	22
139	Gamma process based optimal mission abort policy. <i>Reliability Engineering and System Safety</i> , 2019 , 190, 106496	6.3	56
138	Optimal mission abort policy for systems subject to random shocks based on virtual age process. <i>Reliability Engineering and System Safety</i> , 2019 , 189, 11-20	6.3	70
137	Reliability-Game Theory 2019 , 77-115		
136	First Hitting Time Distributions for Brownian Motion and Regions with Piecewise Linear Boundaries. <i>Methodology and Computing in Applied Probability</i> , 2019 , 21, 1-23	0.6	5
135	Availability analysis of k-out-of-n: F repairable balanced systems with m sectors. <i>Reliability Engineering and System Safety</i> , 2019 , 191, 106572	6.3	7

134	Consecutive k and Related Models A Survey. <i>Communications in Computer and Information Science</i> , 2019 , 3-18	0.3	2
133	Extended Phase-type models for multistate competing risk systems. <i>Reliability Engineering and System Safety</i> , 2019 , 181, 1-16	6.3	24
132	Availability and optimal maintenance policy for systems degrading in dynamic environments. <i>European Journal of Operational Research</i> , 2019 , 276, 133-143	5.6	29
131	Reliability modeling for degradation-shock dependence systems with multiple species of shocks. <i>Reliability Engineering and System Safety</i> , 2019 , 185, 133-143	6.3	52
130	Balanced reliability systems under Markov processes. <i>IIE Transactions</i> , 2019 , 51, 1025-1035	3.3	19
129	Modeling and analysis for time redundant systems with a given mission window. <i>Computers and Industrial Engineering</i> , 2019 , 127, 480-492	6.4	4
128	Preventive maintenance policy of single-unit systems based on shot-noise process. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 550-560	2.6	18
127	A study on stochastic degradation process models under different types of failure Thresholds. <i>Reliability Engineering and System Safety</i> , 2019 , 181, 202-212	6.3	36
126	A bivariate replacement policy for an imperfect repair system based on geometric processes. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019 , 233, 670-681	0.8	2
125	Partial self-exciting point processes and their parameter estimations. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019 , 48, 2913-2935	0.6	7
124	Availability analysis and optimal inspection policy for systems with neglected down time. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 2787-2809	0.5	4
123	Availability analysis for periodically inspected systems subject to multiple failure modes. <i>International Journal of Systems Science: Operations and Logistics</i> , 2019 , 6, 258-271	2.6	3
122	Availability analysis for general repairable systems with repair time threshold. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 628-647	0.5	4
121	Availability and maintenance modeling for a two-component system with dependent failures over a finite time horizon. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019 , 233, 200-210	0.8	12
120	Availability analysis and maintenance modelling for inspected Markov systems with down time threshold. <i>Quality Technology and Quantitative Management</i> , 2019 , 16, 478-495	1.9	7
119	Availability and maintenance modeling for systems subject to dependent hard and soft failures. <i>Applied Stochastic Models in Business and Industry</i> , 2018 , 34, 513-527	1.1	19
118	Reliability analysis for multi-component systems with degradation interaction and categorized shocks. <i>Applied Mathematical Modelling</i> , 2018 , 56, 487-500	4.5	41
117	Multipoint and Multi-Interval Covering Availabilities. <i>IEEE Transactions on Reliability</i> , 2018 , 67, 666-677	4.6	4

116	Reliability modeling for systems degrading in K cyclical regimes based on gamma processes. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2018 , 232, 754-765	0.8	6
115	Maintenance policies for energy systems subject to complex failure processes and power purchasing agreement. <i>Computers and Industrial Engineering</i> , 2018 , 119, 193-203	6.4	23
114	Reliability for systems with self-healing effect under shock models. <i>Quality Technology and Quantitative Management</i> , 2018 , 15, 551-567	1.9	24
113	Performability Analysis of Large-Scale Multi-State Computing Systems. <i>IEEE Transactions on Computers</i> , 2018 , 67, 59-72	2.5	9
112	Reliability for k-out-of-n:F balanced systems with m sectors. <i>IIE Transactions</i> , 2018 , 50, 381-393	3.3	28
111	Optimal allocation of units in sequential probability series systems. <i>Reliability Engineering and System Safety</i> , 2018 , 169, 351-363	6.3	35
110	Reliability evaluation based on a dependent two-stage failure process with competing failures. <i>Applied Mathematical Modelling</i> , 2018 , 64, 699-712	4.5	65
109	Traffic accident modelling via self-exciting point processes. <i>Reliability Engineering and System Safety</i> , 2018 , 180, 312-320	6.3	10
108	Stochastic properties and reliability measures of discrete-time semi-Markovian systems. <i>Reliability Engineering and System Safety</i> , 2018 , 176, 162-173	6.3	11
107	System performance of damage self-healing systems under random shocks by using discrete state method. <i>Computers and Industrial Engineering</i> , 2018 , 125, 124-134	6.4	20
106	Performability analysis of multi-state series-parallel systems with heterogeneous components. <i>Reliability Engineering and System Safety</i> , 2018 , 171, 48-56	6.3	19
105	Reliability analysis for a Wiener degradation process model under changing failure thresholds. <i>Reliability Engineering and System Safety</i> , 2018 , 171, 1-8	6.3	30
104	A new computation method for signature: Markov process method. <i>Naval Research Logistics</i> , 2018 , 65, 410-426	1.5	11
103	The analysis of mixed interval-censored and complete data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 145-163	0.6	5
102	A multiple warm standby shock system with a repairman having multiple vacations. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 3172-3186	0.6	11
101	New interval availability indexes for Markov repairable systems. <i>Reliability Engineering and System Safety</i> , 2017 , 168, 12-17	6.3	20
100	Availability and maintenance modelling for systems subject to multiple failure modes. <i>Computers and Industrial Engineering</i> , 2017 , 108, 192-198	6.4	69
99	Stochastic quantile-filling augmentation algorithm to censored and accurate reliability data. <i>Computers and Industrial Engineering</i> , 2017 , 108, 27-38	6.4	2

98	Reliability performance for dynamic multi-state repairable systems with K regimes. <i>IIE Transactions</i> , 2017 , 49, 911-926	3.3	15
97	An economic off-line quality control approach for unstable production processes. <i>Quality Engineering</i> , 2017 , 29, 623-642	1.4	2
96	Modeling and analysis for multi-state systems with discrete-time Markov regime-switching. <i>Reliability Engineering and System Safety</i> , 2017 , 166, 41-49	6.3	25
95	An approximation method for evaluating the reliability of a dynamic k-out-of-n:F system subjected to cyclic alternating operation conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2017 , 231, 109-120	0.8	4
94	Sensor-based calibrations to improve reliability of systems subject to multiple dependent competing failure processes. <i>Reliability Engineering and System Safety</i> , 2017 , 160, 101-113	6.3	15
93	Distribution and availability for aggregated second-order semi-Markov ternary system with working time omission. <i>Reliability Engineering and System Safety</i> , 2017 , 166, 50-60	6.3	17
92	Optimal maintenance policy considering maintenance errors for systems operating under performance-based contracts. <i>Computers and Industrial Engineering</i> , 2017 , 112, 147-155	6.4	51
91	Performance Analysis for a Wireless Sensor Network of Star Topology with Random Nodes Deployment. <i>Wireless Personal Communications</i> , 2017 , 97, 3993-4013	1.9	16
90	A study on a stochastic process with state classifications based on sojourn times. <i>Quality Technology and Quantitative Management</i> , 2017 , 14, 214-236	1.9	4
89	Two-Phase Degradation Process Model With Abrupt Jump at Change Point Governed by Wiener Process. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 1345-1360	4.6	39
88	A study on a single-unit repairable system with working and repair time omission under an alternative renewal process. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2017 , 231, 232-241	0.8	5
87	Reliability analysis of Markov history-dependent repairable systems with neglected failures. <i>Reliability Engineering and System Safety</i> , 2017 , 159, 134-142	6.3	22
86	MDD-based performability analysis of multi-state linear consecutive-k-out-of-n: F systems. <i>Reliability Engineering and System Safety</i> , 2017 , 166, 124-131	6.3	24
85	Reliability Analysis for a Degradation System Subject to Dependent Soft and Hard Failure Processes 2017 ,		1
84	Degradation Models With Wiener Diffusion Processes Under Calibrations. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 613-623	4.6	32
83	Bayesian reliability assessment and degradation modeling with calibrations and random failure threshold. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2016 , 21, 478-483	0.6	3
82	Matching via majorization for consistency of product quality. <i>Quality Technology and Quantitative Management</i> , 2016 , 13, 439-452	1.9	2
81	Reliability of non-repairable systems with cyclic-mission switching and multimode failure components. <i>Journal of Computational Science</i> , 2016 , 17, 126-138	3.4	9

80	Several new performance measures for Markov system with stochastic supply patterns and stochastic demand patterns. <i>Journal of Computational Science</i> , 2016 , 17, 148-155	3.4	3
79	Reliability Modeling on Consecutive- k_r -out-of- n_r :F Linear Zigzag Structure and Circular Polygon Structure. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 1509-1521	4.6	29
78	Performance measures for systems under multiple environments. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 90-95	7	7
77	Reliability performance for dynamic systems with cycles of K regimes. <i>IIE Transactions</i> , 2016 , 48, 389-402		21
76	A cold standby repairable system with the repairman having multiple vacations and operational, repair, and vacation times following phase-type distributions. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 850-858	0.5	10
75	Bayesian inference of multi-stage reliability for degradation systems with calibrations. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2016 , 230, 18-33	0.8	5
74	A Design of Attributes Double Sampling Plans for Three-class Products. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016 , 45, 1054-1071	0.6	2
73	System Reliability Under Cascading Failure Models. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 929-940	4.6	26
72	Some New Concepts and Their Computational Formulae in Aggregated Stochastic Processes with Classifications Based on Sojourn Times. <i>Methodology and Computing in Applied Probability</i> , 2016 , 18, 999-1019	0.6	5
71	Memory based scheme to monitor non-random small shift patterns in manufacturing process. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2016 , 21, 509-512	0.6	1
70	Some reliability indexes and sojourn time distributions for a repairable degradation model. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2016 , 230, 334-349	0.8	8
69	New First Passage Times and Their Distributions 2016 ,		1
68	Reliabilities of a single-unit system with multi-phased missions. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 2524-2537	0.5	9
67	Reliability evaluation of a Semi-Markov repairable system under alternative environments. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 2938-2957	0.5	6
66	Reliability for discrete state systems with cyclic missions periods. <i>Applied Mathematical Modelling</i> , 2016 , 40, 10783-10799	4.5	11
65	. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 359-375	4.6	15
64	k_m -Consecutive- k , l -Out-of- n Systems. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 386-393	4.6	30
63	A New Design on Attributes Single Sampling Plans. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 3350-3362	0.5	3

62	Cold standby repairable system with working vacations and vacation interruption. <i>Journal of Systems Engineering and Electronics</i> , 2015 , 26, 1127-1134	1.3	1
61	The Analysis of Alternative Interval-Censored and Complete Data. <i>Quality Technology and Quantitative Management</i> , 2015 , 12, 537-560	1.9	3
60	Reliability and Birnbaum Importance for Sparsely Connected Circular Consecutive- k Systems. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 1140-1157	4.6	24
59	Component Importance for Multi-State System Lifetimes With Renewal Functions. <i>IEEE Transactions on Reliability</i> , 2014 , 63, 105-117	4.6	23
58	Weighted Estimation of Quantiles Using Unbalanced Ranked Set Sampling. <i>Quality Technology and Quantitative Management</i> , 2014 , 11, 281-295	1.9	5
57	Interval reliability for aggregated Markov repairable system with repair time omission. <i>Annals of Operations Research</i> , 2014 , 212, 169-183	3.2	18
56	Reliability measures for two-part partition of states for aggregated Markov repairable systems. <i>Annals of Operations Research</i> , 2014 , 212, 93-114	3.2	20
55	. <i>IEEE Transactions on Reliability</i> , 2013 , 62, 811-820	4.6	35
54	A performance measure for Markov system with stochastic supply patterns and stochastic demand patterns. <i>Reliability Engineering and System Safety</i> , 2013 , 119, 294-299	6.3	18
53	PERFORMANCE EVALUATION OF AGGREGATED MARKOV REPAIRABLE SYSTEMS WITH MULTI-OPERATING LEVELS. <i>Asia-Pacific Journal of Operational Research</i> , 2013 , 30, 1350003	0.8	1
52	A Study on Joint Availability for k out of n and Consecutive k out of n Points and Intervals. <i>Quality Technology and Quantitative Management</i> , 2013 , 10, 179-191	1.9	14
51	A Design of Attributes Single Sampling Plans for Three-Class Products. <i>Quality Technology and Quantitative Management</i> , 2013 , 10, 369-387	1.9	7
50	A Study on Reliability for A Two-Item Cold Standby Markov Repairable System with Neglected Failures. <i>Communications in Statistics - Theory and Methods</i> , 2012 , 41, 3988-3999	0.5	12
49	A study on a single-unit repairable system with state aggregations. <i>IIE Transactions</i> , 2012 , 44, 1022-1032		27
48	A Further Study on Reliable Life Estimation under Ranked Set Sampling. <i>Communications in Statistics - Theory and Methods</i> , 2012 , 41, 3888-3902	0.5	6
47	Reliability Research of k -out-of- n : G Supply Chain System Based on Copula. <i>Communications in Statistics - Theory and Methods</i> , 2012 , 41, 4023-4033	0.5	17
46	Optimization of joint maintenance strategy for safety-critical systems with different reliability degrees. <i>Expert Systems</i> , 2011 , 28, 199-208	2.1	4
45	Exact Reliability of a Linear Connected- (r,s) -out-of- (m,n) : F System. <i>IEEE Transactions on Reliability</i> , 2011 , 60, 689-698	4.6	16

44	Aggregated semi-Markov repairable systems with history-dependent up and down states. <i>Mathematical and Computer Modelling</i> , 2011 , 53, 883-895		33
43	Markov repairable systems with stochastic regimes switching. <i>Journal of Systems Engineering and Electronics</i> , 2011 , 22, 773-779	1.3	21
42	Modeling the evolution of system reliability performance under alternative environments. <i>IIE Transactions</i> , 2011 , 43, 761-772		50
41	Improvement on Start-up Demonstration Test 2010 ,		3
40	AN AVAILABILITY MODEL FOR STORAGE PRODUCTS UNDER PERIODICAL INSPECTIONS. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2010 , 17, 89-103	0.6	12
39	Reliability evaluation of generalised multi-state k-out-of-n systems based on FMCI approach. <i>International Journal of Systems Science</i> , 2010 , 41, 1437-1443	2.3	58
38	A Study on the Reliability of Consecutive k-Out-of-n: G Systems Based on Copula. <i>Communications in Statistics - Theory and Methods</i> , 2010 , 39, 2455-2472	0.5	18
37	Optimal sign test for quantiles in ranked set samples. <i>Journal of Statistical Planning and Inference</i> , 2010 , 140, 2943-2951	0.8	9
36	Developments and Applications of the Finite Markov Chain Imbedding Approach in Reliability. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 685-690	4.6	40
35	An Analysis of Availability for Series Markov Repairable System With Neglected or Delayed Failures. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 734-743	4.6	36
34	A study on reliability of a special two-dimensional system 2009 ,		1
33	On the Accelerated Scan Finite Markov Chain Imbedding Approach. <i>IEEE Transactions on Reliability</i> , 2009 , 58, 383-388	4.6	24
32	Defect pattern recognition on nano/micro integrated circuits wafer 2008 ,		1
31	A study on reliability of supply chain based on higher order Markov chain 2008 ,		1
30	A note on the proof for the optimal consecutive-k-out-of-n:G line for $n \geq 2k$. <i>Journal of Statistical Planning and Inference</i> , 2008 , 138, 1516-1520	0.8	15
29	Maintenance Models and Optimization 2008 , 789-805		13
28	Reliability for Sparsely Connected Consecutive- k Systems. <i>IEEE Transactions on Reliability</i> , 2007 , 56, 516-524	4.6	36
27	Analysis for joint importance of components in a coherent system. <i>European Journal of Operational Research</i> , 2007 , 182, 282-299	5.6	69

26	Markov Repairable Systems with History-Dependent Up and Down States. <i>Stochastic Models</i> , 2007 , 23, 665-681	0.5	49
25	A Further Study on Safety of Series and Parallel Systems 2007 ,		1
24	A study on a single-unit Markov repairable system with repair time omission. <i>IEEE Transactions on Reliability</i> , 2006 , 55, 182-188	4.6	61
23	Reliabilities for $(n, f, k(i, j))$ and $\langle n, f, k(i, j) \rangle$ Systems. <i>Communications in Statistics - Theory and Methods</i> , 2006 , 35, 1779-1789	0.5	11
22	Some Analytical and Numerical Bounds on the Renewal Function. <i>Communications in Statistics - Theory and Methods</i> , 2006 , 35, 1815-1827	0.5	9
21	On the dual reliability systems of and. <i>Statistics and Probability Letters</i> , 2006 , 76, 1081-1088	0.6	51
20	Opportunistic Maintenance for Multi-component Shock Models. <i>Mathematical Methods of Operations Research</i> , 2006 , 63, 493-511	1	46
19	A CONSECUTIVE-k1 AND k2-OUT-OF-n SYSTEM AND ITS RELIABILITY 2006 ,		2
18	On a generalized k-out-of-n system and its reliability. <i>International Journal of Systems Science</i> , 2005 , 36, 267-274	2.3	27
17	Availability of a periodically inspected system with random repair or replacement times. <i>Journal of Statistical Planning and Inference</i> , 2005 , 131, 89-100	0.8	53
16	Inspection schemes for general systems. <i>IIE Transactions</i> , 2004 , 36, 817-825		32
15	AVAILABILITY FOR A REPAIRABLE SYSTEM WITH FINITE REPAIRS 2004 ,		5
14	Availability analysis of periodically inspected systems with random walk model. <i>Journal of Applied Probability</i> , 2001 , 38, 860-871	0.8	25
13	Availability analysis of periodically inspected systems with random walk model. <i>Journal of Applied Probability</i> , 2001 , 38, 860-871	0.8	26
12	Reliabilities for (n, f, k) systems. <i>Statistics and Probability Letters</i> , 1999 , 43, 237-242	0.6	57
11	Reliability analysis for systems with self-healing mechanism under two different types of cumulative shocks. <i>Quality Technology and Quantitative Management</i> , 1-19	1.9	3
10	State space splitting of a finite markov process and some discussions on related counting processes. <i>Communications in Statistics - Theory and Methods</i> , 1-32	0.5	
9	Occupancy Times for Markov and Semi-Markov Models in Systems Reliability 218-230		2

8	Two novel critical shock models based on Markov renewal processes. <i>Naval Research Logistics</i> ,	1.5	2
7	Moments for Hawkes Processes with Gamma Decay Kernel Functions. <i>Methodology and Computing in Applied Probability</i> ,1	0.6	0
6	On Dependent Multi-State Semi-Coherent Systems Based on Multi-State Joint Signature. <i>Methodology and Computing in Applied Probability</i> ,1	0.6	0
5	On reliability analysis of a load-sharing k-out-of-n: G system with interacting Markov subsystems. <i>International Journal of Production Research</i> ,1-15	7.8	1
4	Reliability evaluation of consecutive k-out-of-m: F balanced systems with a symmetry line. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> ,1748006X21110381	0.8	1
3	On the Derivative Counting Processes of First- and Second-order Aggregated Semi-Markov Systems. <i>Methodology and Computing in Applied Probability</i> ,1	0.6	
2	Shocks models with damage effect evolutions following Markov processes. <i>Journal of the Operational Research Society</i> ,1-15	2	0
1	Multi-Point and Multi-Interval Bounded-Covering Availability Measures for Aggregated Markovian Repairable Systems. <i>Methodology and Computing in Applied Probability</i> ,1	0.6	