

# Yi-Kuei Lin

## 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.

223  
papers

2,806  
citations

25  
h-index

42  
g-index

227  
ext. papers

3,161  
ext. citations

4.1  
avg. IF

6.14  
L-index

#	Paper	IF	Citations
223	Network reliability evaluation for multi-state computing networks considering demand as the non-integer type. <i>Reliability Engineering and System Safety</i> , <b>2022</b> , 219, 108226	6.3	0
222	A multi-state network to evaluate network reliability with maximal and minimal capacity vectors by using recursive sum of disjoint products. <i>Expert Systems With Applications</i> , <b>2022</b> , 193, 116421	7.8	0
221	Rail transport network reliability with train arrival delay: A reference indicator for a travel agency in tour planning. <i>Expert Systems With Applications</i> , <b>2022</b> , 189, 116107	7.8	0
220	Preface: reliability modeling with applications based on big data. <i>Annals of Operations Research</i> , <b>2022</b> , 311, 1-2	3.2	
219	Efficient Analysis of Repairable Computing Systems Subject to Scheduled Checkpointing. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 1-14	3.9	16
218	Reliability assessment of a stochastic air transport network with late arrivals. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 151, 106956	6.4	5
217	Applying Network Reliability in Business Management Activities. <i>IEEE Access</i> , <b>2021</b> , 9, 61532-61538	3.5	1
216	An Improved Merge Search Approach to Evaluate Reliability in Multistate Network Systems. <i>IEEE Transactions on Reliability</i> , <b>2021</b> , 1-8	4.6	1
215	System Reliability of a Stochastic Multiple-Origin-Destination Tourism Transport Network With Tardiness. <i>IEEE Transactions on Reliability</i> , <b>2021</b> , 1-13	4.6	0
214	Reliability Evaluation of a CloudFog Computing Network Considering Transmission Mechanisms. <i>IEEE Transactions on Reliability</i> , <b>2021</b> , 1-13	4.6	3
213	Reliability Evaluation of Production System With In-Line Stockers. <i>IEEE Transactions on Reliability</i> , <b>2021</b> , 70, 986-995	4.6	
212	Investigation of the influence of transit time on a multistate transportation network in tourism. <i>Eksploatacja I Niezawodnosc</i> , <b>2021</b> , 23, 670-677	3.5	
211	Reliability evaluation of a multistate railway transportation network from the perspective of a travel agent. <i>Reliability Engineering and System Safety</i> , <b>2021</b> , 214, 107757	6.3	4
210	Reliability and maintenance models for a time-related multi-state flow network via d-MC approach. <i>Reliability Engineering and System Safety</i> , <b>2021</b> , 216, 107962	6.3	4
209	Network reliability evaluation for a distributed network with edge computing. <i>Computers and Industrial Engineering</i> , <b>2020</b> , 147, 106492	6.4	11
208	A permutation-and-backtrack approach for reliability evaluation in multistate information networks. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 373, 125024	2.7	2
207	A novel minimal cut-based algorithm to find all minimal capacity vectors for multi-state flow networks. <i>European Journal of Operational Research</i> , <b>2020</b> , 282, 1107-1114	5.6	7

206	Exact project reliability for a multi-state project network subject to time and budget constraints. <i>Reliability Engineering and System Safety</i> , <b>2020</b> , 195, 106744	6.3	11
205	Reliability evaluation in terms of flow data mining for multistate networks. <i>Annals of Operations Research</i> , <b>2020</b> , 1	3.2	0
204	System Reliability Assessment of a Fast Retransmit Through $k$ Separate Minimal Paths Under the Latency. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1395-1405	7.3	5
203	Reliability analysis for a hybrid flow shop with due date consideration. <i>Reliability Engineering and System Safety</i> , <b>2020</b> , 199, 105905	6.3	8
202	A Binding Algorithm of Lower Boundary Points Generation for Network Reliability Evaluation. <i>IEEE Transactions on Reliability</i> , <b>2020</b> , 69, 1087-1096	4.6	5
201	Bi-objective optimization for a multistate job-shop production network using NSGA-II and TOPSIS. <i>Journal of Manufacturing Systems</i> , <b>2019</b> , 52, 43-54	9.1	19
200	Preface: reliability and quality management in stochastic systems. <i>Annals of Operations Research</i> , <b>2019</b> , 277, 1-2	3.2	15
199	System reliability estimation and sensitivity analysis for multi-state manufacturing network with joint buffers—a simulation approach. <i>Reliability Engineering and System Safety</i> , <b>2019</b> , 188, 103-109	6.3	22
198	An efficient searching method for minimal path vectors in multi-state networks. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	7
197	Reliability evaluation of a stochastic multimodal transport network under time and budget considerations. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	4
196	Reliability of time-constrained multi-state network susceptible to correlated component faults. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	5
195	An Exact Enumeration Method to Find d-MPs in Multistate Networks. <i>International Journal of Reliability, Quality and Safety Engineering</i> , <b>2019</b> , 26, 1950026	0.6	1
194	Reliability Evaluation for a Stochastic Flow Network Based on Upper and Lower Boundary Vectors. <i>Mathematics</i> , <b>2019</b> , 7, 1115	2.3	4
193	Reliability of a stochastic intermodal logistics network under spoilage and time considerations. <i>Annals of Operations Research</i> , <b>2019</b> , 277, 95-118	3.2	5
192	Reliability interval for a stochastic project network constrained by budget and time. <i>Quality Technology and Quantitative Management</i> , <b>2019</b> , 16, 82-94	1.9	2
191	Reliability evaluation of a multi-state air transportation network meeting multiple travel demands. <i>Annals of Operations Research</i> , <b>2019</b> , 277, 63-82	3.2	11
190	Network reliability maximization for stochastic-flow network subject to correlated failures using genetic algorithm and tabu search. <i>Engineering Optimization</i> , <b>2018</b> , 50, 1212-1231	2	12
189	Network reliability for multipath TCP networks with a retransmission mechanism under the time constraint. <i>Journal of Statistical Computation and Simulation</i> , <b>2018</b> , 88, 2273-2286	0.9	0

188	Reliability evaluation of a multistate flight network under time and stopover constraints. <i>Computers and Industrial Engineering</i> , <b>2018</b> , 115, 620-630	6.4	10
187	Probability of demand satisfaction for hybrid production networks using a topological technique. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2017</b> , 231, 1264-1274	2.4	1
186	Reliability assessment of a multistate freight network for perishable merchandise with multiple suppliers and buyers. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 74-83	2.3	7
185	Reliability and sensitivity analysis for a banking company transmission system. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , <b>2017</b> , 231, 146-154	0.8	2
184	System reliability for a multi-state manufacturing network with joint buffer stations. <i>Journal of Manufacturing Systems</i> , <b>2017</b> , 42, 170-178	9.1	22
183	A Merge Search Approach to Find Minimal Path Vectors in Multistate Networks. <i>International Journal of Reliability, Quality and Safety Engineering</i> , <b>2017</b> , 24, 1750005	0.6	7
182	A confidence-based approach to reliability design considering correlated failures. <i>Reliability Engineering and System Safety</i> , <b>2017</b> , 165, 102-114	6.3	3
181	Polymorphisms of MTHFR C677T and A1298C associated with survival in patients with colorectal cancer treated with 5-fluorouracil-based chemotherapy. <i>International Journal of Clinical Oncology</i> , <b>2017</b> , 22, 484-493	4.2	14
180	A maximal flow method to search for d-MPs in stochastic-flow networks. <i>Journal of Computational Science</i> , <b>2017</b> , 22, 119-125	3.4	13
179	System Reliability of an Intermittent Production System <b>2017</b> , 213-233		
178	Reliability evaluation for an intermittent production system with stochastic number of normal machines. <i>Journal of Manufacturing Systems</i> , <b>2017</b> , 45, 222-235	9.1	4
177	. <i>IEEE Transactions on Reliability</i> , <b>2017</b> , 66, 689-699	4.6	8
176	System reliability for a multistate intermodal logistics network with time windows. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 1957-1969	7.8	24
175	Double resource optimization for a robust computer network subject to a transmission budget. <i>Annals of Operations Research</i> , <b>2016</b> , 244, 133-162	3.2	4
174	Assessment of system reliability for a stochastic-flow distribution network with the spoilage property. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 1421-1432	2.3	4
173	Estimated network reliability evaluation for a stochastic flexible flow shop network with different types of jobs. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 98, 401-412	6.4	17
172	Searching for d-MPs with fast enumeration. <i>Journal of Computational Science</i> , <b>2016</b> , 17, 139-147	3.4	34
171	Reliability evaluation of a multistate flexible flow shop with stochastic capacity for multiple types of jobs. <i>Journal of Manufacturing Systems</i> , <b>2016</b> , 41, 287-298	9.1	4

170	Reliability of a Multi-State Computer Network Through k Minimal Paths Within Tolerable Error Rate and Time Threshold. <i>Quality and Reliability Engineering International</i> , <b>2016</b> , 32, 1393-1405	2.6	2
169	Reliability evaluation according to a routing scheme for multi-state computer networks under assured accuracy rate. <i>Annals of Operations Research</i> , <b>2016</b> , 244, 221-240	3.2	1
168	A simple algorithm to evaluate supply-chain reliability for brittle commodity logistics under production and delivery constraints. <i>Annals of Operations Research</i> , <b>2016</b> , 244, 67-83	3.2	10
167	Routing scheme of a multi-state computer network employing a retransmission mechanism within a time threshold. <i>Information Sciences</i> , <b>2016</b> , 340-341, 321-336	7.7	12
166	System Reliability Evaluation of a Multistate Manufacturing Network. <i>Springer Series in Reliability Engineering</i> , <b>2016</b> , 117-143	0.2	2
165	Reliability Evaluation of a Hybrid Flow-Shop With Stochastic Capacity Within a Time Constraint. <i>IEEE Transactions on Reliability</i> , <b>2016</b> , 65, 867-877	4.6	12
164	Coordinating a Service Supply Chain under Arms Offset Program's Intervention by Performance-Based Contracting. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-10	1.1	0
163	Vehicle glass distribution reliability measurement under transportation cost constraint. <i>European Journal of Industrial Engineering</i> , <b>2016</b> , 10, 243	1.1	3
162	Data transmission reliability evaluation of a stochastic computer network through minimal paths with a retransmission mechanism. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , <b>2016</b> , 230, 551-560	0.8	1
161	Predecessor-set technique for reliability evaluation of a stochastic manufacturing system. <i>Journal of Systems Science and Systems Engineering</i> , <b>2015</b> , 24, 190-210	1.2	2
160	Reliability analysis for an apparel manufacturing system applying fuzzy multistate network. <i>Computers and Industrial Engineering</i> , <b>2015</b> , 88, 458-469	6.4	13
159	A fuzzy-based assessment procedure for a clothing factory with waste-prevention consideration. <i>Journal of Cleaner Production</i> , <b>2015</b> , 108, 484-493	10.3	7
158	System Performance and Reliability Modeling of a Stochastic-Flow Production Network: A Confidence-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 1437-1447	7.3	13
157	System reliability maximization for a computer network by finding the optimal two-class allocation subject to budget. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 36, 578-588	7.5	6
156	A novel model for a manufacturing system with joint production lines in terms of prior-set. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 340-354	2.3	2
155	Fuzzy-based system reliability of a labour-intensive manufacturing network with repair. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 1980-1995	7.8	7
154	Demand satisfaction and decision-making for a PCB manufacturing system with production lines in parallel. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 3193-3206	7.8	8
153	Confidence-Based Reliability Evaluation of Multistate Production Network with Process Improvement. <i>International Journal of Reliability, Quality and Safety Engineering</i> , <b>2015</b> , 22, 1550028	0.6	1

152	Assessment of spare reliability for multi-state computer networks within tolerable packet unreliability. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 1020-1035	2.3	4
151	Component allocation cost minimization for a multistate computer network subject to a reliability threshold using tabu search. <i>Journal of Industrial and Management Optimization</i> , <b>2015</b> , 12, 141-167	2	6
150	A reliability indicator to measure a stochastic supply chain network with transportation damage and limited production capacity. <i>IIE Transactions</i> , <b>2014</b> , 46, 1066-1078		12
149	Reliability assessment of a stochastic node-failure network with multiple sinks under tolerable error rate. <i>International Journal of Computer Mathematics</i> , <b>2014</b> , 91, 819-833	1.2	1
148	Reliability evaluation subject to assured accuracy rate and time for stochastic unreliable-node computer networks. <i>Journal of Statistical Computation and Simulation</i> , <b>2014</b> , 84, 1530-1542	0.9	0
147	Performance assessment of stochastic node-failure computer networks according to routing scheme under packet reliability <b>2014</b> , 37, 722-730		1
146	A stochastic node-failure network with individual tolerable error rate at multiple sinks. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 935-946	2.3	1
145	System reliability of assured accuracy rate for multi-state computer networks from service level agreements viewpoint. <i>Journal of Systems Science and Systems Engineering</i> , <b>2014</b> , 23, 196-211	1.2	5
144	Backup reliability assessment within tolerable packet error rate for a multi-state unreliable vertex computer network. <i>Information Sciences</i> , <b>2014</b> , 277, 582-596	7.7	8
143	System Reliability Evaluation of Data Transmission in Commercial Banks with Multiple Branches. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-8	1.1	
142	A fuzzy-based assessment model for a labour-intensive manufacturing system with repair. <i>International Journal of Systems Science: Operations and Logistics</i> , <b>2014</b> , 1, 153-163	2.6	2
141	System Reliability Assessment through p Minimal Paths in Stochastic Case with Backup-routing. <i>Communications in Statistics - Theory and Methods</i> , <b>2014</b> , 43, 455-469	0.5	2
140	System reliability for joint minimal paths under time constraint <b>2014</b> , 37, 110-121		1
139	Spare Reliability for Capacitated Computer Networks Under Tolerable Error Rate and Latency Considerations. <i>Communications in Statistics Part B: Simulation and Computation</i> , <b>2014</b> , 43, 1879-1899	0.6	1
138	Network reliability with deteriorating product and production capacity through a multi-state delivery network. <i>International Journal of Production Research</i> , <b>2014</b> , 52, 6681-6694	7.8	18
137	Considering retransmission mechanism and latency for network reliability evaluation in a stochastic computer network. <i>Journal of Industrial and Production Engineering</i> , <b>2014</b> , 31, 350-358	1	10
136	Reliability Evaluation of a Multi-state Network with Multiple Sinks under Individual Accuracy Rate Constraint. <i>Communications in Statistics - Theory and Methods</i> , <b>2014</b> , 43, 4519-4533	0.5	2
135	Decision making procedure of demand satisfaction and production policy for capacitated production systems. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 723-734	7.8	3

134	Chapter 8: Multi-state Components Assignment Problem with Optimal Network Reliability Subject to Assignment Budget <b>2014</b> , 139-155		
133	A hybrid ant-tabu algorithm for solving a multistate flow network reliability maximization problem. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 3529-3543	7.5	13
132	Reliability evaluation of a stochastic-flow distribution network with delivery spoilage. <i>Computers and Industrial Engineering</i> , <b>2013</b> , 66, 352-359	6.4	16
131	Graphical-based reliability evaluation of multiple distinct production lines. <i>Journal of Systems Science and Systems Engineering</i> , <b>2013</b> , 22, 73-92	1.2	4
130	Stochastic computer network with multiple terminals under total accuracy rate. <i>Journal of Zhejiang University: Science C</i> , <b>2013</b> , 14, 75-84		
129	System reliability evaluation of a touch panel manufacturing system with defect rate and reworking. <i>Reliability Engineering and System Safety</i> , <b>2013</b> , 118, 51-60	6.3	12
128	Delivery reliability of computer networks for data transmission within the permitted packet error rate and latency. <i>Computers and Electrical Engineering</i> , <b>2013</b> , 39, 2161-2172	4.3	2
127	Performance evaluation for a footwear manufacturing system with multiple production lines and different station failure rates. <i>International Journal of Production Research</i> , <b>2013</b> , 51, 1603-1617	7.8	23
126	Performance indicator evaluation for a cloud computing system from QoS viewpoint. <i>Quality and Quantity</i> , <b>2013</b> , 47, 1605-1616	2.4	3
125	Reliability-based performance indicator for a manufacturing network with multiple production lines in parallel. <i>Journal of Manufacturing Systems</i> , <b>2013</b> , 32, 147-153	9.1	20
124	Network reliability based decision of Internet with multiple sources and multiple sinks. <i>Decision Support Systems</i> , <b>2013</b> , 54, 1477-1487	5.6	9
123	Stochastic computer network under accuracy rate constraint from QoS viewpoint. <i>Information Sciences</i> , <b>2013</b> , 239, 241-252	7.7	11
122	Simulation approach to estimate the system reliability of a time-based capacitated flow network susceptible to correlated failures. <i>Simulation Modelling Practice and Theory</i> , <b>2013</b> , 36, 74-83	3.9	2
121	Quantifying the impact of correlated failures on system reliability by a simulation approach. <i>Reliability Engineering and System Safety</i> , <b>2013</b> , 109, 32-40	6.3	10
120	A two-stage approach for a multi-objective component assignment problem for a stochastic-flow network. <i>Engineering Optimization</i> , <b>2013</b> , 45, 265-285	2	11
119	Determine the optimal carrier selection for a logistics network based on multi-commodity reliability criterion. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 949-965	2.3	13
118	Reliability assessment for a stochastic manufacturing system with reworking actions <b>2013</b> , 36, 382-390		6
117	Reliability evaluation of a multistate network subject to time constraint under routing policy. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1400-1408	2.3	3

116	Reliability of a production system with intersectional lines. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2013</b> , 227, 1382-1392	2.4	3
115	A Novel Reliability Evaluation Technique for Stochastic-Flow Manufacturing Networks With Multiple Production Lines. <i>IEEE Transactions on Reliability</i> , <b>2013</b> , 62, 92-104	4.6	34
114	TRANSMISSION RELIABILITY OF A STOCHASTIC IMPERFECT VERTEX COMPUTER NETWORK WITH PACKET UNRELIABILITY AND TIME ATTRIBUTES. <i>International Journal of Reliability, Quality and Safety Engineering</i> , <b>2013</b> , 20, 1350018	0.6	
113	Backup reliability of stochastic imperfect-node computer networks subject to packet accuracy rate and time constraints. <i>International Journal of Computer Mathematics</i> , <b>2013</b> , 90, 457-474	1.2	1
112	Assessing reliability within error rate and time constraint for a stochastic node-imperfect computer network. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , <b>2013</b> , 227, 80-85	0.8	7
111	Stochastic Flow Network Reliability with Tolerable Error Rate. <i>Quality Technology and Quantitative Management</i> , <b>2013</b> , 10, 57-73	1.9	14
110	A Dominant Maintenance Strategy Assessment Model for Localized Third-Party Logistics Service under Performance-Based Consideration. <i>Quality Technology and Quantitative Management</i> , <b>2013</b> , 10, 221-240	1.9	10
109	System Reliability and Decision Making for a Production System with Intersectional Lines <b>2013</b> , 257-264		
108	Reliability-Based Performance Evaluation for a Stochastic Project Network Under Time and Budget Thresholds <b>2013</b> , 249-256		
107	Performance evaluation for a transportation system in stochastic case. <i>Computers and Operations Research</i> , <b>2012</b> , 39, 1901-1908	4.6	2
106	On performance evaluation for a multistate network under spare routing. <i>Information Sciences</i> , <b>2012</b> , 203, 73-82	7.7	7
105	Multi-objective optimization for stochastic computer networks using NSGA-II and TOPSIS. <i>European Journal of Operational Research</i> , <b>2012</b> , 218, 735-746	5.6	61
104	A method to evaluate the routing policy with two minimal paths within time threshold. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 793-799	7.8	1
103	Determining the optimal double-component assignment for a stochastic computer network. <i>Omega</i> , <b>2012</b> , 40, 120-130	7.2	12
102	Evaluation of System Reliabilities for a Maintainable Stochastic-Flow Network. <i>IEEE Transactions on Reliability</i> , <b>2012</b> , 61, 398-409	4.6	15
101	Search for All Minimal Paths in a General Large Flow Network. <i>IEEE Transactions on Reliability</i> , <b>2012</b> , 61, 949-956	4.6	52
100	Reliability evaluation for a manufacturing network with multiple production lines. <i>Computers and Industrial Engineering</i> , <b>2012</b> , 63, 1209-1219	6.4	24
99	Quantifying the Impact of Correlated Failures on Stochastic Flow Network Reliability. <i>IEEE Transactions on Reliability</i> , <b>2012</b> , 61, 692-701	4.6	14



98	Evaluate the system reliability for a manufacturing network with reworking actions. <i>Reliability Engineering and System Safety</i> , <b>2012</b> , 106, 127-137	6.3	27
97	Reliability evaluation for a waste-reduction parallel-line manufacturing system. <i>Journal of Cleaner Production</i> , <b>2012</b> , 35, 93-101	10.3	18
96	Approximate and accurate maintenance reliabilities of a cloud computing network with nodes failure subject to budget. <i>International Journal of Production Economics</i> , <b>2012</b> , 139, 543-550	9.3	5
95	A study of correlated failures on the network reliability of power transmission systems. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2012</b> , 43, 954-960	5.1	12
94	Reliability evaluation of a computer network in cloud computing environment subject to maintenance budget. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 219, 3893-3902	2.7	5
93	System reliability for a multistate flow network with multiple joint minimal paths under time constraint. <i>Simulation Modelling Practice and Theory</i> , <b>2012</b> , 29, 78-92	3.9	5
92	Evaluation of system reliability for a cloud computing system with imperfect nodes. <i>Systems Engineering</i> , <b>2012</b> , 15, 83-94	1.8	19
91	Evaluation of Network Reliability for Computer Networks with Multiple Sources. <i>Mathematical Problems in Engineering</i> , <b>2012</b> , 2012, 1-18	1.1	2
90	System reliability of a manufacturing network with reworking action and different failure rates. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 6930-6944	7.8	37
89	ESTIMATED AND ACCURATE SYSTEM RELIABILITIES OF A MAINTAINABLE COMPUTER NETWORK SUBJECT TO MAINTENANCE BUDGET. <i>Asia-Pacific Journal of Operational Research</i> , <b>2012</b> , 29, 1240021	0.8	1
88	Evaluation of system reliability of electronic transaction in commercial banks. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2012</b> , 29, 324-336		
87	A multi-state computer network within transmission error rate and time constraints. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2012</b> , 29, 477-484		3
86	Estimated system reliability of a cloud computing network subject to maintenance budget <b>2012</b> , 35, 321-328		1
85	Network Reliability of a Time-Based Multistate Network Under Spare Routing With $\$p\$$ Minimal Paths. <i>IEEE Transactions on Reliability</i> , <b>2011</b> , 60, 61-69	4.6	16
84	Performance evaluation of extension education centers in universities based on the balanced scorecard. <i>Evaluation and Program Planning</i> , <b>2011</b> , 34, 37-50	1.7	112
83	Stochastic flow networks via multiple paths under time threshold and budget constraint. <i>Computers and Mathematics With Applications</i> , <b>2011</b> , 62, 2629-2638	2.7	7
82	Transmission reliability of k minimal paths within time threshold. <i>Computers and Industrial Engineering</i> , <b>2011</b> , 61, 1160-1165	6.4	7
81	Using minimal cuts to optimize network reliability for a stochastic computer network subject to assignment budget. <i>Computers and Operations Research</i> , <b>2011</b> , 38, 1175-1187	4.6	25

80	Multistate components assignment problem with optimal network reliability subject to assignment budget. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 10074-10086	2.7	10
79	Estimated and exact system reliabilities of a maintainable computer network. <i>Journal of Systems Science and Systems Engineering</i> , <b>2011</b> , 20, 229-248	1.2	14
78	Computer network reliability optimization under double-resource assignments subject to a transmission budget. <i>Information Sciences</i> , <b>2011</b> , 181, 582-599	7.7	18
77	Maximal network reliability with optimal transmission line assignment for stochastic electric power networks via genetic algorithms. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 2714-2724	7.5	26
76	Maintenance reliability estimation for a cloud computing network with nodes failure. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 14185-14185	7.8	30
75	Spare routing problem with p minimal paths for time-based stochastic flow networks. <i>Applied Mathematical Modelling</i> , <b>2011</b> , 35, 1427-1438	4.5	6
74	Maximal network reliability for a stochastic power transmission network. <i>Reliability Engineering and System Safety</i> , <b>2011</b> , 96, 1332-1339	6.3	31
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