

Yi-Kuei Lin

List of Publications by Citations

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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	A simple algorithm for reliability evaluation of a stochastic-flow network with node failure. <i>Computers and Operations Research</i> , 2001 , 28, 1277-1285	4.6	197
222	Performance evaluation of extension education centers in universities based on the balanced scorecard. <i>Evaluation and Program Planning</i> , 2011 , 34, 37-50	1.7	112
221	Using minimal cuts to evaluate the system reliability of a stochastic-flow network with failures at nodes and arcs. <i>Reliability Engineering and System Safety</i> , 2002 , 75, 41-46	6.3	100
220	Extend the quickest path problem to the system reliability evaluation for a stochastic-flow network. <i>Computers and Operations Research</i> , 2003 , 30, 567-575	4.6	92
219	Reliability of a stochastic-flow network with unreliable branches & nodes, under budget constraints. <i>IEEE Transactions on Reliability</i> , 2004 , 53, 381-387	4.6	87
218	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2007 , 37, 180-188		84
217	On a multicommodity stochastic-flow network with unreliable nodes subject to budget constraint. <i>European Journal of Operational Research</i> , 2007 , 176, 347-360	5.6	72
216	Multi-objective optimization for stochastic computer networks using NSGA-II and TOPSIS. <i>European Journal of Operational Research</i> , 2012 , 218, 735-746	5.6	61
215	Search for All Minimal Paths in a General Large Flow Network. <i>IEEE Transactions on Reliability</i> , 2012 , 61, 949-956	4.6	52
214	. <i>IEEE Transactions on Reliability</i> , 2009 , 58, 34-40	4.6	52
213	ON RELIABILITY EVALUATION OF A STOCHASTIC-FLOW NETWORK IN TERMS OF MINIMAL CUTS. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2001 , 18, 49-54		48
212	On performance evaluation of ERP systems with fuzzy mathematics. <i>Expert Systems With Applications</i> , 2009 , 36, 6362-6367	7.8	39
211	Two-commodity reliability evaluation of a stochastic-flow network with varying capacity weight in terms of minimal paths. <i>Computers and Operations Research</i> , 2009 , 36, 1050-1063	4.6	38
210	Study on the multicommodity reliability of a capacitated-flow network. <i>Computers and Mathematics With Applications</i> , 2001 , 42, 255-264	2.7	38
209	System reliability of a manufacturing network with reworking action and different failure rates. <i>International Journal of Production Research</i> , 2012 , 50, 6930-6944	7.8	37
208	Searching for d-MPs with fast enumeration. <i>Journal of Computational Science</i> , 2016 , 17, 139-147	3.4	34
207	A Novel Reliability Evaluation Technique for Stochastic-Flow Manufacturing Networks With Multiple Production Lines. <i>IEEE Transactions on Reliability</i> , 2013 , 62, 92-104	4.6	34

206	Maximal network reliability for a stochastic power transmission network. <i>Reliability Engineering and System Safety</i> , 2011 , 96, 1332-1339	6.3	31
205	Maintenance reliability estimation for a cloud computing network with nodes failure. <i>Expert Systems With Applications</i> , 2011 , 38, 14185-14185	7.8	30
204	Optimal carrier selection based on network reliability criterion for stochastic logistics networks. <i>International Journal of Production Economics</i> , 2010 , 128, 510-517	9.3	29
203	Evaluate the system reliability for a manufacturing network with reworking actions. <i>Reliability Engineering and System Safety</i> , 2012 , 106, 127-137	6.3	27
202	Evaluate the performance of a stochastic-flow network with cost attribute in terms of minimal cuts. <i>Reliability Engineering and System Safety</i> , 2006 , 91, 539-545	6.3	27
201	Time version of the shortest path problem in a stochastic-flow network. <i>Journal of Computational and Applied Mathematics</i> , 2009 , 228, 150-157	2.4	26
200	Maximal network reliability with optimal transmission line assignment for stochastic electric power networks via genetic algorithms. <i>Applied Soft Computing Journal</i> , 2011 , 11, 2714-2724	7.5	26
199	Using minimal cuts to optimize network reliability for a stochastic computer network subject to assignment budget. <i>Computers and Operations Research</i> , 2011 , 38, 1175-1187	4.6	25
198	System reliability for a multistate intermodal logistics network with time windows. <i>International Journal of Production Research</i> , 2017 , 55, 1957-1969	7.8	24
197	Reliability evaluation for a manufacturing network with multiple production lines. <i>Computers and Industrial Engineering</i> , 2012 , 63, 1209-1219	6.4	24
196	Performance evaluation for a footwear manufacturing system with multiple production lines and different station failure rates. <i>International Journal of Production Research</i> , 2013 , 51, 1603-1617	7.8	23
195	Performance evaluation for the logistics system in case that capacity weight varies from arcs and types of commodity. <i>International Journal of Production Economics</i> , 2007 , 107, 572-580	9.3	23
194	System reliability for a multi-state manufacturing network with joint buffer stations. <i>Journal of Manufacturing Systems</i> , 2017 , 42, 170-178	9.1	22
193	System reliability estimation and sensitivity analysis for multi-state manufacturing network with joint buffers a simulation approach. <i>Reliability Engineering and System Safety</i> , 2019 , 188, 103-109	6.3	22
192	System reliability of a stochastic-flow network through two minimal paths under time threshold. <i>International Journal of Production Economics</i> , 2010 , 124, 382-387	9.3	22
191	Two-commodity reliability evaluation for a stochastic-flow network with node failure. <i>Computers and Operations Research</i> , 2002 , 29, 1927-1939	4.6	22
190	Spare Routing Reliability for a Stochastic Flow Network Through Two Minimal Paths Under Budget Constraint. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 2-10	4.6	21
189	A stochastic model to study the system capacity for supply chains in terms of minimal cuts. <i>International Journal of Production Economics</i> , 2010 , 124, 181-187	9.3	21

188	Reliability-based performance indicator for a manufacturing network with multiple production lines in parallel. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 147-153	9.1	20
187	. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 539-550	4.6	20
186	A New Algorithm to Generate d-Minimal Paths in a Multistate Flow Network with Noninteger ARC Capacities. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 1998 , 05, 269-285	0.6	20
185	Bi-objective optimization for a multistate job-shop production network using NSGA-II and TOPSIS. <i>Journal of Manufacturing Systems</i> , 2019 , 52, 43-54	9.1	19
184	Evaluation of system reliability for a cloud computing system with imperfect nodes. <i>Systems Engineering</i> , 2012 , 15, 83-94	1.8	19
183	Optimal routing policy of a stochastic-flow network. <i>Computers and Industrial Engineering</i> , 2009 , 56, 1414-1418	4.18	19
182	Network reliability with deteriorating product and production capacity through a multi-state delivery network. <i>International Journal of Production Research</i> , 2014 , 52, 6681-6694	7.8	18
181	Reliability evaluation for a waste-reduction parallel-line manufacturing system. <i>Journal of Cleaner Production</i> , 2012 , 35, 93-101	10.3	18
180	Computer network reliability optimization under double-resource assignments subject to a transmission budget. <i>Information Sciences</i> , 2011 , 181, 582-599	7.7	18
179	Estimated network reliability evaluation for a stochastic flexible flow shop network with different types of jobs. <i>Computers and Industrial Engineering</i> , 2016 , 98, 401-412	6.4	17
178	Reliability evaluation of a stochastic-flow distribution network with delivery spoilage. <i>Computers and Industrial Engineering</i> , 2013 , 66, 352-359	6.4	16
177	Network Reliability of a Time-Based Multistate Network Under Spare Routing With $\$p\$$ Minimal Paths. <i>IEEE Transactions on Reliability</i> , 2011 , 60, 61-69	4.6	16
176	Optimal resource assignment to maximize multistate network reliability for a computer network. <i>Computers and Operations Research</i> , 2010 , 37, 2229-2238	4.6	16
175	Efficient Analysis of Repairable Computing Systems Subject to Scheduled Checkpointing. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 18, 1-14	3.9	16
174	Preface: reliability and quality management in stochastic systems. <i>Annals of Operations Research</i> , 2019 , 277, 1-2	3.2	15
173	Evaluation of System Reliabilities for a Maintainable Stochastic-Flow Network. <i>IEEE Transactions on Reliability</i> , 2012 , 61, 398-409	4.6	15
172	Reliability of $\$k\$$ Separate Minimal Paths Under Both Time and Budget Constraints. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 183-190	4.6	15
171	An algorithm to evaluate the system reliability for multicommodity case under cost constraint. <i>Computers and Mathematics With Applications</i> , 2004 , 48, 805-812	2.7	15

170	Using minimal cuts to study the system capacity for a stochastic-flow network in two-commodity case. <i>Computers and Operations Research</i> , 2003 , 30, 1595-1607	4.6	15
169	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> , 2017 , 22, 484-493	4.2	14
168	Quantifying the Impact of Correlated Failures on Stochastic Flow Network Reliability. <i>IEEE Transactions on Reliability</i> , 2012 , 61, 692-701	4.6	14
167	Stochastic Flow Network Reliability with Tolerable Error Rate. <i>Quality Technology and Quantitative Management</i> , 2013 , 10, 57-73	1.9	14
166	Estimated and exact system reliabilities of a maintainable computer network. <i>Journal of Systems Science and Systems Engineering</i> , 2011 , 20, 229-248	1.2	14
165	Calculation of minimal capacity vectors through k minimal paths under budget and time constraints. <i>European Journal of Operational Research</i> , 2010 , 200, 160-169	5.6	14
164	Reliability optimization of component assignment problem for a multistate network in terms of minimal cuts. <i>Journal of Industrial and Management Optimization</i> , 2011 , 7, 211-227	2	14
163	A maximal flow method to search for d-MPs in stochastic-flow networks. <i>Journal of Computational Science</i> , 2017 , 22, 119-125	3.4	13
162	Reliability analysis for an apparel manufacturing system applying fuzzy multistate network. <i>Computers and Industrial Engineering</i> , 2015 , 88, 458-469	6.4	13
161	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> , 2015 , 45, 1437-1447	7.3	13
160	A hybrid ant-tabu algorithm for solving a multistate flow network reliability maximization problem. <i>Applied Soft Computing Journal</i> , 2013 , 13, 3529-3543	7.5	13
159	Determine the optimal carrier selection for a logistics network based on multi-commodity reliability criterion. <i>International Journal of Systems Science</i> , 2013 , 44, 949-965	2.3	13
158	Measure the quality level for a supplier-demand system by a multicommodity stochastic-flow network. <i>International Journal of Systems Science</i> , 2006 , 37, 1123-1130	2.3	13
157	ON THE MULTICOMMODITY RELIABILITY FOR A STOCHASTIC- FLOW NETWORK WITH NODE FAILURE UNDER BUDGET CONSTRAINT. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2003 , 20, 42-48		13
156	Study on the system capacity for a multicommodity stochastic-flow network with node failure. <i>Reliability Engineering and System Safety</i> , 2002 , 78, 57-62	6.3	13
155	Network reliability maximization for stochastic-flow network subject to correlated failures using genetic algorithm and tabu search. <i>Engineering Optimization</i> , 2018 , 50, 1212-1231	2	12
154	Routing scheme of a multi-state computer network employing a retransmission mechanism within a time threshold. <i>Information Sciences</i> , 2016 , 340-341, 321-336	7.7	12
153	Reliability Evaluation of a Hybrid Flow-Shop With Stochastic Capacity Within a Time Constraint. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 867-877	4.6	12

152	A reliability indicator to measure a stochastic supply chain network with transportation damage and limited production capacity. <i>IIE Transactions</i> , 2014 , 46, 1066-1078		12
151	Determining the optimal double-component assignment for a stochastic computer network. <i>Omega</i> , 2012 , 40, 120-130	7.2	12
150	System reliability evaluation of a touch panel manufacturing system with defect rate and reworking. <i>Reliability Engineering and System Safety</i> , 2013 , 118, 51-60	6.3	12
149	A study of correlated failures on the network reliability of power transmission systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2012 , 43, 954-960	5.1	12
148	Project management for arbitrary random durations and cost attributes by applying network approaches. <i>Computers and Mathematics With Applications</i> , 2008 , 56, 2650-2655	2.7	12
147	Network reliability evaluation for a distributed network with edge computing. <i>Computers and Industrial Engineering</i> , 2020 , 147, 106492	6.4	11
146	Stochastic computer network under accuracy rate constraint from QoS viewpoint. <i>Information Sciences</i> , 2013 , 239, 241-252	7.7	11
145	A two-stage approach for a multi-objective component assignment problem for a stochastic-flow network. <i>Engineering Optimization</i> , 2013 , 45, 265-285	2	11
144	Optimal Pair of Minimal Paths Under Both Time and Budget Constraints. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2009 , 39, 619-625		11
143	AN EVALUATION METHOD FOR ENTERPRISE RESOURCE PLANNING SYSTEMS. <i>Journal of the Operations Research Society of Japan</i> , 2008 , 51, 299-309	0.3	11
142	System capacity for a two-commodity multistate flow network with unreliable nodes and capacity weight. <i>Computers and Operations Research</i> , 2007 , 34, 3043-3054	4.6	11
141	Exact project reliability for a multi-state project network subject to time and budget constraints. <i>Reliability Engineering and System Safety</i> , 2020 , 195, 106744	6.3	11
140	Reliability evaluation of a multi-state air transportation network meeting multiple travel demands. <i>Annals of Operations Research</i> , 2019 , 277, 63-82	3.2	11
139	A simple algorithm to evaluate supply-chain reliability for brittle commodity logistics under production and delivery constraints. <i>Annals of Operations Research</i> , 2016 , 244, 67-83	3.2	10
138	Considering retransmission mechanism and latency for network reliability evaluation in a stochastic computer network. <i>Journal of Industrial and Production Engineering</i> , 2014 , 31, 350-358	1	10
137	Quantifying the impact of correlated failures on system reliability by a simulation approach. <i>Reliability Engineering and System Safety</i> , 2013 , 109, 32-40	6.3	10
136	A Dominant Maintenance Strategy Assessment Model for Localized Third-Party Logistics Service under Performance-Based Consideration. <i>Quality Technology and Quantitative Management</i> , 2013 , 10, 221-240	1.9	10
135	Multistate components assignment problem with optimal network reliability subject to assignment budget. <i>Applied Mathematics and Computation</i> , 2011 , 217, 10074-10086	2.7	10

134	RELIABILITY EVALUATION OF A MANUFACTURING NETWORK WITH REWORKING ACTION. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2011 , 18, 445-461	0.6	10
133	Reliability evaluation of a multistate flight network under time and stopover constraints. <i>Computers and Industrial Engineering</i> , 2018 , 115, 620-630	6.4	10
132	Network reliability based decision of Internet with multiple sources and multiple sinks. <i>Decision Support Systems</i> , 2013 , 54, 1477-1487	5.6	9
131	Overall-terminal reliability of a stochastic capacitated-flow network. <i>Mathematical and Computer Modelling</i> , 2002 , 36, 173-181		9
130	Backup reliability assessment within tolerable packet error rate for a multi-state unreliable vertex computer network. <i>Information Sciences</i> , 2014 , 277, 582-596	7.7	8
129	. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 689-699	4.6	8
128	Demand satisfaction and decision-making for a PCB manufacturing system with production lines in parallel. <i>International Journal of Production Research</i> , 2015 , 53, 3193-3206	7.8	8
127	On transmission time through k minimal paths of a capacitated-flow network. <i>Applied Mathematical Modelling</i> , 2010 , 34, 245-253	4.5	8
126	Reliability evaluation of a revised stochastic flow network with uncertain minimum time. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 1253-1258	3.3	8
125	Reliability of a computer network in case capacity weight varying with arcs, nodes and types of commodity. <i>Reliability Engineering and System Safety</i> , 2007 , 92, 646-652	6.3	8
124	Reliability analysis for a hybrid flow shop with due date consideration. <i>Reliability Engineering and System Safety</i> , 2020 , 199, 105905	6.3	8
123	Reliability assessment of a multistate freight network for perishable merchandise with multiple suppliers and buyers. <i>International Journal of Systems Science</i> , 2017 , 48, 74-83	2.3	7
122	A Merge Search Approach to Find Minimal Path Vectors in Multistate Networks. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2017 , 24, 1750005	0.6	7
121	An efficient searching method for minimal path vectors in multi-state networks. <i>Annals of Operations Research</i> , 2019 , 1	3.2	7
120	A fuzzy-based assessment procedure for a clothing factory with waste-prevention consideration. <i>Journal of Cleaner Production</i> , 2015 , 108, 484-493	10.3	7
119	On performance evaluation for a multistate network under spare routing. <i>Information Sciences</i> , 2012 , 203, 73-82	7.7	7
118	Fuzzy-based system reliability of a labour-intensive manufacturing network with repair. <i>International Journal of Production Research</i> , 2015 , 53, 1980-1995	7.8	7
117	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> , 2013 , 227, 80-85	0.8	7

116	Stochastic flow networks via multiple paths under time threshold and budget constraint. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 2629-2638	2.7	7
115	Transmission reliability of k minimal paths within time threshold. <i>Computers and Industrial Engineering</i> , 2011 , 61, 1160-1165	6.4	7
114	STUDY ON LONGER AND SHORTER BOUNDARY DURATION VECTORS WITH ARBITRARY DURATION AND COST VALUES. <i>Journal of the Operations Research Society of Japan</i> , 2007 , 50, 73-81	0.3	7
113	A novel minimal cut-based algorithm to find all minimal capacity vectors for multi-state flow networks. <i>European Journal of Operational Research</i> , 2020 , 282, 1107-1114	5.6	7
112	System reliability maximization for a computer network by finding the optimal two-class allocation subject to budget. <i>Applied Soft Computing Journal</i> , 2015 , 36, 578-588	7.5	6
111	Reliability assessment for a stochastic manufacturing system with reworking actions 2013 , 36, 382-390		6
110	Spare routing problem with p minimal paths for time-based stochastic flow networks. <i>Applied Mathematical Modelling</i> , 2011 , 35, 1427-1438	4.5	6
109	A novel algorithm to evaluate the performance of stochastic transportation systems. <i>Expert Systems With Applications</i> , 2010 , 37, 968-973	7.8	6
108	Flow reliability of a probabilistic capacitated-flow network in multiple node pairs case. <i>Computers and Industrial Engineering</i> , 2003 , 45, 417-428	6.4	6
107	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> , 2015 , 12, 141-167	2	6
106	Reliability of time-constrained multi-state network susceptible to correlated component faults. <i>Annals of Operations Research</i> , 2019 , 1	3.2	5
105	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> , 2014 , 23, 196-211	1.2	5
104	Approximate and accurate maintenance reliabilities of a cloud computing network with nodes failure subject to budget. <i>International Journal of Production Economics</i> , 2012 , 139, 543-550	9.3	5
103	Reliability evaluation of a computer network in cloud computing environment subject to maintenance budget. <i>Applied Mathematics and Computation</i> , 2012 , 219, 3893-3902	2.7	5
102	System reliability for a multistate flow network with multiple joint minimal paths under time constraint. <i>Simulation Modelling Practice and Theory</i> , 2012 , 29, 78-92	3.9	5
101	An Approximate Algorithm for the Robust Design in a Stochastic-Flow Network. <i>Communications in Statistics - Theory and Methods</i> , 2010 , 39, 2440-2454	0.5	5
100	Routing policy of stochastic-flow networks under time threshold and budget constraint. <i>Expert Systems With Applications</i> , 2009 , 36, 6076-6081	7.8	5
99	A method to evaluate routing policy through p minimal paths for stochastic case. <i>Information Sciences</i> , 2010 , 180, 4595-4605	7.7	5

98	MC-based Algorithm for a telecommunication network under node and budget constraints. <i>Applied Mathematics and Computation</i> , 2007 , 190, 1540-1550	2.7	5
97	An algorithm to generate all spanning trees with flow. <i>Mathematical and Computer Modelling</i> , 2002 , 35, 1453-1458		5
96	Reliability of a stochastic intermodal logistics network under spoilage and time considerations. <i>Annals of Operations Research</i> , 2019 , 277, 95-118	3.2	5
95	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> , 2020 , 50, 1395-1405	7.3	5
94	A Binding Algorithm of Lower Boundary Points Generation for Network Reliability Evaluation. <i>IEEE Transactions on Reliability</i> , 2020 , 69, 1087-1096	4.6	5
93	Reliability assessment of a stochastic air transport network with late arrivals. <i>Computers and Industrial Engineering</i> , 2021 , 151, 106956	6.4	5
92	Double resource optimization for a robust computer network subject to a transmission budget. <i>Annals of Operations Research</i> , 2016 , 244, 133-162	3.2	4
91	Reliability evaluation for an intermittent production system with stochastic number of normal machines. <i>Journal of Manufacturing Systems</i> , 2017 , 45, 222-235	9.1	4
90	Assessment of system reliability for a stochastic-flow distribution network with the spoilage property. <i>International Journal of Systems Science</i> , 2016 , 47, 1421-1432	2.3	4
89	Reliability evaluation of a multistate flexible flow shop with stochastic capacity for multiple types of jobs. <i>Journal of Manufacturing Systems</i> , 2016 , 41, 287-298	9.1	4
88	Reliability evaluation of a stochastic multimodal transport network under time and budget considerations. <i>Annals of Operations Research</i> , 2019 , 1	3.2	4
87	Graphical-based reliability evaluation of multiple distinct production lines. <i>Journal of Systems Science and Systems Engineering</i> , 2013 , 22, 73-92	1.2	4
86	Assessment of spare reliability for multi-state computer networks within tolerable packet unreliability. <i>International Journal of Systems Science</i> , 2015 , 46, 1020-1035	2.3	4
85	The stochastic quickest path problem via minimal paths. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2010 , 27, 132-139		4
84	Reliability evaluation for overall-terminal multistate flow networks with bi-directed arcs. <i>Expert Systems With Applications</i> , 2010 , 37, 6669-6674	7.8	4
83	Reliability of a Flow Network Subject to Budget Constraints. <i>IEEE Transactions on Reliability</i> , 2007 , 56, 10-16	4.6	4
82	A two-commodity multistate flow network with capacity weight varying with edges, nodes and types of commodity. <i>Applied Mathematics and Computation</i> , 2006 , 183, 142-151	2.7	4
81	Reliability Evaluation for a Stochastic Flow Network Based on Upper and Lower Boundary Vectors. <i>Mathematics</i> , 2019 , 7, 1115	2.3	4

80	Reliability evaluation of a multistate railway transportation network from the perspective of a travel agent. <i>Reliability Engineering and System Safety</i> , 2021 , 214, 107757	6.3	4
79	Reliability and maintenance models for a time-related multi-state flow network via d-MC approach. <i>Reliability Engineering and System Safety</i> , 2021 , 216, 107962	6.3	4
78	A confidence-based approach to reliability design considering correlated failures. <i>Reliability Engineering and System Safety</i> , 2017 , 165, 102-114	6.3	3
77	Performance indicator evaluation for a cloud computing system from QoS viewpoint. <i>Quality and Quantity</i> , 2013 , 47, 1605-1616	2.4	3
76	Decision making procedure of demand satisfaction and production policy for capacitated production systems. <i>Expert Systems With Applications</i> , 2014 , 41, 723-734	7.8	3
75	Reliability evaluation of a multistate network subject to time constraint under routing policy. <i>International Journal of Systems Science</i> , 2013 , 44, 1400-1408	2.3	3
74	Reliability of a production system with intersectional lines. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2013 , 227, 1382-1392	2.4	3
73	A multi-state computer network within transmission error rate and time constraints. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2012 , 29, 477-484		3
72	New challenges and opportunities in flexible and robust supply chain forecasting systems. <i>International Journal of Production Economics</i> , 2010 , 128, 453-456	9.3	3
71	System Reliability of a Limited-Flow Network in Multicommodity Case. <i>IEEE Transactions on Reliability</i> , 2007 , 56, 17-25	4.6	3
70	Performance index of a stochastic-flow network with node failure under the budget constraint. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 31, 1209-1216	3.2	3
69	SYSTEM RELIABILITY OF A STOCHASTIC-FLOW NETWORK WITH NODES HAVING CAPACITY AND COST ATTRIBUTES. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2006 , 13, 203-212	0.6	3
68	FIND ALL LONGER AND SHORTER BOUNDARY DURATION VECTORS UNDER PROJECT TIME AND BUDGET CONSTRAINTS. <i>Journal of the Operations Research Society of Japan</i> , 2002 , 45, 260-267	0.3	3
67	Vehicle glass distribution reliability measurement under transportation cost constraint. <i>European Journal of Industrial Engineering</i> , 2016 , 10, 243	1.1	3
66	Reliability Evaluation of a CloudFog Computing Network Considering Transmission Mechanisms. <i>IEEE Transactions on Reliability</i> , 2021 , 1-13	4.6	3
65	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> , 2017 , 231, 146-154	0.8	2
64	Predecessor-set technique for reliability evaluation of a stochastic manufacturing system. <i>Journal of Systems Science and Systems Engineering</i> , 2015 , 24, 190-210	1.2	2
63	A novel model for a manufacturing system with joint production lines in terms of prior-set. <i>International Journal of Systems Science</i> , 2015 , 46, 340-354	2.3	2

62	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> , 2016 , 32, 1393-1405	2.6	2
61	System Reliability Evaluation of a Multistate Manufacturing Network. <i>Springer Series in Reliability Engineering</i> , 2016 , 117-143	0.2	2
60	Performance evaluation for a transportation system in stochastic case. <i>Computers and Operations Research</i> , 2012 , 39, 1901-1908	4.6	2
59	Delivery reliability of computer networks for data transmission within the permitted packet error rate and latency. <i>Computers and Electrical Engineering</i> , 2013 , 39, 2161-2172	4.3	2
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