Yi-Kuei Lin

List of Publications by Year
in descending order

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225	3,553	185998	214527
papers	citations	28 h-index	47 g-index

227	227	227	1214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A simple algorithm for reliability evaluation of a stochastic-flow network with node failure. Computers and Operations Research, 2001, 28, 1277-1285.	2.4	230
2	Performance evaluation of extension education centers in universities based on the balanced scorecard. Evaluation and Program Planning, 2011, 34, 37-50.	0.9	155
3	Using minimal cuts to evaluate the system reliability of a stochastic-flow network with failures at nodes and arcs. Reliability Engineering and System Safety, 2002, 75, 41-46.	5.1	117
4	Extend the quickest path problem to the system reliability evaluation for a stochastic-flow network. Computers and Operations Research, 2003, 30, 567-575.	2.4	104
5	Reliability of a Stochastic-Flow Network With Unreliable Branches & Nodes, Under Budget Constraints. IEEE Transactions on Reliability, 2004, 53, 381-387.	3.5	98
6	Reliability Evaluation for an Information Network With Node Failure Under Cost Constraint. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 180-188.	3.4	93
7	On a multicommodity stochastic-flow network with unreliable nodes subject to budget constraint. European Journal of Operational Research, 2007, 176, 347-360.	3.5	79
8	Multi-objective optimization for stochastic computer networks using NSGA-II and TOPSIS. European Journal of Operational Research, 2012, 218, 735-746.	3.5	77
9	Search for All Minimal Paths in a General Large Flow Network. IEEE Transactions on Reliability, 2012, 61, 949-956.	3.5	70
10	System Reliability Evaluation for a Multistate Supply Chain Network With Failure Nodes Using Minimal Paths. IEEE Transactions on Reliability, 2009, 58, 34-40.	3.5	60
11	ON RELIABILITY EVALUATION OF A STOCHASTIC-FLOW NETWORK IN TERMS OF MINIMAL CUTS. Journal of the Chinese Institute of Industrial Engineers, 2001, 18, 49-54.	0.5	56
12	On performance evaluation of ERP systems with fuzzy mathematics. Expert Systems With Applications, 2009, 36, 6362-6367.	4.4	47
13	System reliability of a manufacturing network with reworking action and different failure rates. International Journal of Production Research, 2012, 50, 6930-6944.	4.9	46
14	Two-commodity reliability evaluation of a stochastic-flow network with varying capacity weight in terms of minimal paths. Computers and Operations Research, 2009, 36, 1050-1063.	2.4	44
15	Searching for d -MPs with fast enumeration. Journal of Computational Science, 2016, 17, 139-147.	1.5	44
16	Study on the multicommodity reliability of a capacitated-flow network. Computers and Mathematics With Applications, 2001, 42, 255-264.	1.4	41
17	Evaluate the performance of a stochastic-flow network with cost attribute in terms of minimal cuts. Reliability Engineering and System Safety, 2006, 91, 539-545.	5.1	39
18	Maximal network reliability for a stochastic power transmission network. Reliability Engineering and System Safety, 2011, 96, 1332-1339.	5.1	39

#	Article	IF	Citations
19	A Novel Reliability Evaluation Technique for Stochastic-Flow Manufacturing Networks With Multiple Production Lines. IEEE Transactions on Reliability, 2013, 62, 92-104.	3.5	39
20	Bi-objective optimization for a multistate job-shop production network using NSGA-II and TOPSIS. Journal of Manufacturing Systems, 2019, 52, 43-54.	7.6	39
21	Maximal network reliability with optimal transmission line assignment for stochastic electric power networks via genetic algorithms. Applied Soft Computing Journal, 2011, 11, 2714-2724.	4.1	37
22	Maintenance reliability estimation for a cloud computing network with nodes failure. Expert Systems With Applications, 2011, 38, 14185-14185.	4.4	37
23	Evaluate the system reliability for a manufacturing network with reworking actions. Reliability Engineering and System Safety, 2012, 106, 127-137.	5.1	36
24	System reliability estimation and sensitivity analysis for multi-state manufacturing network with joint buffersâ€“â€“A simulation approach. Reliability Engineering and System Safety, 2019, 188, 103-109.	5.1	36
25	Optimal carrier selection based on network reliability criterion for stochastic logistics networks. International Journal of Production Economics, 2010, 128, 510-517.	5.1	31
26	System reliability for a multistate intermodal logistics network with time windows. International Journal of Production Research, 2017, 55, 1957-1969.	4.9	31
27	Two-commodity reliability evaluation for a stochastic-flow network with node failure. Computers and Operations Research, 2002, 29, 1927-1939.	2.4	29
28	Using minimal cuts to optimize network reliability for a stochastic computer network subject to assignment budget. Computers and Operations Research, 2011, 38, 1175-1187.	2.4	29
29	Preface: reliability and quality management in stochastic systems. Annals of Operations Research, 2019, 277, 1-2.	2.6	29
30	Time version of the shortest path problem in a stochastic-flow network. Journal of Computational and Applied Mathematics, 2009, 228, 150-157.	1.1	28
31	Evaluation of Optimal Network Reliability Under Components-Assignments Subject to a Transmission Budget. IEEE Transactions on Reliability, 2010, 59, 539-550.	3.5	28
32	Reliability evaluation for a manufacturing network with multiple production lines. Computers and Industrial Engineering, 2012, 63, 1209-1219.	3.4	28
33	System reliability of a stochastic-flow network through two minimal paths under time threshold. International Journal of Production Economics, 2010, 124, 382-387.	5.1	27
34	Reliability-based performance indicator for a manufacturing network with multiple production lines in parallel. Journal of Manufacturing Systems, 2013, 32, 147-153.	7.6	27
35	System reliability for a multi-state manufacturing network with joint buffer stations. Journal of Manufacturing Systems, 2017, 42, 170-178.	7.6	27
36	Spare Routing Reliability for a Stochastic Flow Network Through Two Minimal Paths Under Budget Constraint. IEEE Transactions on Reliability, 2010, 59, 2-10.	3.5	26

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37	Performance evaluation for a footwear manufacturing system with multiple production lines and different station failure rates. International Journal of Production Research, 2013, 51, 1603-1617.	4.9	26
38	Performance evaluation for the logistics system in case that capacity weight varies from arcs and types of commodity. International Journal of Production Economics, 2007, 107, 572-580.	5.1	25
39	Reliability evaluation of a stochastic-flow distribution network with delivery spoilage. Computers and Industrial Engineering, 2013, 66, 352-359.	3.4	24
40	A stochastic model to study the system capacity for supply chains in terms of minimal cuts. International Journal of Production Economics, 2010, 124, 181-187.	5.1	23
41	Computer network reliability optimization under double-resource assignments subject to a transmission budget. Information Sciences, 2011, 181, 582-599.	4.0	22
42	A New Algorithm to Generate d-Minimal Paths in a Multistate Flow Network with Noninteger ARC Capacities. International Journal of Reliability, Quality and Safety Engineering, 1998, 05, 269-285.	0.4	21
43	Evaluation of system reliability for a cloud computing system with imperfect nodes. Systems Engineering, 2012, 15, 83-94.	1.6	21
44	Estimated network reliability evaluation for a stochastic flexible flow shop network with different types of jobs. Computers and Industrial Engineering, 2016, 98, 401-412.	3.4	21
45	Optimal routing policy of a stochastic-flow network. Computers and Industrial Engineering, 2009, 56, 1414-1418.	3.4	20
46	Reliability evaluation for a waste-reduction parallel-line manufacturing system. Journal of Cleaner Production, 2012, 35, 93-101.	4.6	20
47	Network reliability with deteriorating product and production capacity through a multi-state delivery network. International Journal of Production Research, 2014, 52, 6681-6694.	4.9	20
48	Network Reliability of a Time-Based Multistate Network Under Spare Routing With p Minimal Paths. IEEE Transactions on Reliability, 2011, 60, 61-69.	3.5	19
49	Multistate components assignment problem with optimal network reliability subject to assignment budget. Applied Mathematics and Computation, 2011, 217, 10074-10086.	1.4	19
50	Stochastic Flow Network Reliability with Tolerable Error Rate. Quality Technology and Quantitative Management, 2013, 10, 57-73.	1.1	19
51	Exact project reliability for a multi-state project network subject to time and budget constraints. Reliability Engineering and System Safety, 2020, 195, 106744.	5.1	19
52	Optimal resource assignment to maximize multistate network reliability for a computer network. Computers and Operations Research, 2010, 37, 2229-2238.	2.4	18
53	Quantifying the Impact of Correlated Failures on Stochastic Flow Network Reliability. IEEE Transactions on Reliability, 2012, 61, 692-701.	3.5	18
54	Polymorphisms of MTHFR C677T and A1298C associated with survival in patients with colorectal cancer treated with 5-fluorouracil-based chemotherapy. International Journal of Clinical Oncology, 2017, 22, 484-493.	1.0	18

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55	Using minimal cuts to study the system capacity for a stochastic-flow network in two-commodity case. Computers and Operations Research, 2003, 30, 1595-1607.	2.4	17
56	An algorithm to evaluate the system reliability for multicommodity case under cost constraint. Computers and Mathematics With Applications, 2004, 48, 805-812.	1.4	17
57	Project management for arbitrary random durations and cost attributes by applying network approaches. Computers and Mathematics With Applications, 2008, 56, 2650-2655.	1.4	17
58	Evaluation of System Reliabilities for a Maintainable Stochastic-Flow Network. IEEE Transactions on Reliability, 2012, 61, 398-409.	3.5	17
59	System reliability evaluation of a touch panel manufacturing system with defect rate and reworking. Reliability Engineering and System Safety, 2013, 118, 51-60.	5.1	17
60	System Performance and Reliability Modeling of a Stochastic-Flow Production Network: A Confidence-Based Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1437-1447.	5.9	17
61	A maximal flow method to search for d-MPs in stochastic-flow networks. Journal of Computational Science, 2017, 22, 119-125.	1.5	17
62	Reliability evaluation of a multi-state air transportation network meeting multiple travel demands. Annals of Operations Research, 2019, 277, 63-82.	2.6	17
63	Network reliability evaluation for a distributed network with edge computing. Computers and Industrial Engineering, 2020, 147, 106492.	3.4	17
64	Efficient Analysis of Repairable Computing Systems Subject to Scheduled Checkpointing. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 1-14.	3.7	17
65	Reliability evaluation of a multistate railway transportation network from the perspective of a travel agent. Reliability Engineering and System Safety, 2021, 214, 107757.	5.1	17
66	AN EVALUATION METHOD FOR ENTERPRISE RESOURCE PLANNING SYSTEMS. Journal of the Operations Research Society of Japan, 2008, 51, 299-309.	0.3	16
67	Reliability of k Separate Minimal Paths Under Both Time and Budget Constraints. IEEE Transactions on Reliability, 2010, 59, 183-190.	3.5	16
68	Calculation of minimal capacity vectors through k minimal paths under budget and time constraints. European Journal of Operational Research, 2010, 200, 160-169.	3.5	16
69	Reliability analysis for an apparel manufacturing system applying fuzzy multistate network. Computers and Industrial Engineering, 2015, 88, 458-469.	3.4	16
70	Study on the system capacity for a multicommodity stochastic-flow network with node failure. Reliability Engineering and System Safety, 2002, 78, 57-62.	5.1	15
71	Estimated and exact system reliabilities of a maintainable computer network. Journal of Systems Science and Systems Engineering, 2011, 20, 229-248.	0.8	15
72	A study of correlated failures on the network reliability of power transmission systems. International Journal of Electrical Power and Energy Systems, 2012, 43, 954-960.	3.3	15

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73	Determine the optimal carrier selection for a logistics network based on multi-commodity reliability criterion. International Journal of Systems Science, 2013, 44, 949-965.	3.7	15
74	A reliability indicator to measure a stochastic supply chain network with transportation damage and limited production capacity. IIE Transactions, 2014, 46, 1066-1078.	2.1	15
75	A simple algorithm to evaluate supply-chain reliability for brittle commodity logistics under production and delivery constraints. Annals of Operations Research, 2016, 244, 67-83.	2.6	15
76	Routing scheme of a multi-state computer network employing a retransmission mechanism within a time threshold. Information Sciences, 2016, 340-341, 321-336.	4.0	15
77	Reliability optimization of component assignment problem for a multistate network in terms of minimal cuts. Journal of Industrial and Management Optimization, 2011, 7, 211-227.	0.8	15
78	A two-stage approach for a multi-objective component assignment problem for a stochastic-flow network. Engineering Optimization, 2013, 45, 265-285.	1.5	14
79	Reliability Evaluation of a Hybrid Flow-Shop With Stochastic Capacity Within a Time Constraint. IEEE Transactions on Reliability, 2016, 65, 867-877.	3.5	14
80	Reliability analysis for a hybrid flow shop with due date consideration. Reliability Engineering and System Safety, 2020, 199, 105905.	5.1	14
81	ON THE MULTICOMMODITY RELIABILITY FOR A STOCHASTIC- FLOW NETWORK WITH NODE FAILURE UNDER BUDGET CONSTRAINT. Journal of the Chinese Institute of Industrial Engineers, 2003, 20, 42-48.	0.5	13
82	Measure the quality level for a supplier-demand system by a multicommodity stochastic-flow network. International Journal of Systems Science, 2006, 37, 1123-1130.	3.7	13
83	Determining the optimal double-component assignment for a stochastic computer network. Omega, 2012, 40, 120-130.	3.6	13
84	A hybrid ant-tabu algorithm for solving a multistate flow network reliability maximization problem. Applied Soft Computing Journal, 2013, 13, 3529-3543.	4.1	13
85	Stochastic computer network under accuracy rate constraint from QoS viewpoint. Information Sciences, 2013, 239, 241-252.	4.0	13
86	Quantifying the impact of correlated failures on system reliability by a simulation approach. Reliability Engineering and System Safety, 2013, 109, 32-40.	5.1	13
87	A Dominant Maintenance Strategy Assessment Model for Localized Third-Party Logistics Service under Performance-Based Consideration. Quality Technology and Quantitative Management, 2013, 10, 221-240.	1.1	13
88	Reliability assessment of a multistate freight network for perishable merchandise with multiple suppliers and buyers. International Journal of Systems Science, 2017, 48, 74-83.	3.7	13
89	Network reliability maximization for stochastic-flow network subject to correlated failures using genetic algorithm and tabuÂsearch. Engineering Optimization, 2018, 50, 1212-1231.	1.5	13
90	Reliability and maintenance models for a time-related multi-state flow network via d-MC approach. Reliability Engineering and System Safety, 2021, 216, 107962.	5.1	13

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91	Project Reliability Interval for a Stochastic Project Network Subject to Time and Budget Constraints. IEEE Transactions on Reliability, 2017, 66, 689-699.	3.5	12
92	Reliability evaluation of a multistate flight network under time and stopover constraints. Computers and Industrial Engineering, 2018, 115, 620-630.	3.4	12
93	An efficient searching method for minimal path vectors in multi-state networks. Annals of Operations Research, 2022, 312, 333-344.	2.6	12
94	A novel minimal cut-based algorithm to find all minimal capacity vectors for multi-state flow networks. European Journal of Operational Research, 2020, 282, 1107-1114.	3.5	12
95	System capacity for a two-commodity multistate flow network with unreliable nodes and capacity weight. Computers and Operations Research, 2007, 34, 3043-3054.	2.4	11
96	Optimal Pair of Minimal Paths Under Both Time and Budget Constraints. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 619-625.	3.4	11
97	RELIABILITY EVALUATION OF A MANUFACTURING NETWORK WITH REWORKING ACTION. International Journal of Reliability, Quality and Safety Engineering, 2011, 18, 445-461.	0.4	11
98	Network reliability based decision of Internet with multiple sources and multiple sinks. Decision Support Systems, 2013, 54, 1477-1487.	3.5	11
99	Considering retransmission mechanism and latency for network reliability evaluation in a stochastic computer network. Journal of Industrial and Production Engineering, 2014, 31, 350-358.	2.1	11
100	Backup reliability assessment within tolerable packet error rate for a multi-state unreliable vertex computer network. Information Sciences, 2014, 277, 582-596.	4.0	11
101	Demand satisfaction and decision-making for a PCB manufacturing system with production lines in parallel. International Journal of Production Research, 2015, 53, 3193-3206.	4.9	11
102	Reliability assessment of a stochastic air transport network with late arrivals. Computers and Industrial Engineering, 2021, 151, 106956.	3.4	11
103	Overall-terminal reliability of a stochastic capacitated-flow network. Mathematical and Computer Modelling, 2002, 36, 173-181.	2.0	10
104	Reliability of a computer network in case capacity weight varying with arcs, nodes and types of commodity. Reliability Engineering and System Safety, 2007, 92, 646-652.	5.1	10
105	A novel algorithm to evaluate the performance of stochastic transportation systems. Expert Systems With Applications, 2010, 37, 968-973.	4.4	10
106	Reliability assessment for a stochastic manufacturing system with reworking actions. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2013, 36, 382-390.	0.6	10
107	Fuzzy-based system reliability of a labour-intensive manufacturing network with repair. International Journal of Production Research, 2015, 53, 1980-1995.	4.9	10
108	System reliability maximization for a computer network by finding the optimal two-class allocation subject to budget. Applied Soft Computing Journal, 2015, 36, 578-588.	4.1	10

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109	Reliability of a stochastic intermodal logistics network under spoilage and time considerations. Annals of Operations Research, 2019, 277, 95-118.	2.6	10
110	On transmission time through k minimal paths of a capacitated-flow network. Applied Mathematical Modelling, 2010, 34, 245-253.	2.2	9
111	An Approximate Algorithm for the Robust Design in a Stochastic-Flow Network. Communications in Statistics - Theory and Methods, 2010, 39, 2440-2454.	0.6	9
112	System reliability for a multistate flow network with multiple joint minimal paths under time constraint. Simulation Modelling Practice and Theory, 2012, 29, 78-92.	2.2	9
113	A Merge Search Approach to Find Minimal Path Vectors in Multistate Networks. International Journal of Reliability, Quality and Safety Engineering, 2017, 24, 1750005.	0.4	9
114	Flow reliability of a probabilistic capacitated-flow network in multiple node pairs case. Computers and Industrial Engineering, 2003, 45, 417-428.	3.4	8
115	Reliability evaluation of a revised stochastic flow network with uncertain minimum time. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1253-1258.	1.2	8
116	Stochastic flow networks via multiple paths under time threshold and budget constraint. Computers and Mathematics With Applications, 2011, 62, 2629-2638.	1.4	8
117	Reliability evaluation for an intermittent production system with stochastic number of normal machines. Journal of Manufacturing Systems, 2017, 45, 222-235.	7.6	8
118	Reliability of time-constrained multi-state network susceptible to correlated component faults. Annals of Operations Research, 2022, 311, 239-254.	2.6	8
119	Reliability Evaluation for a Stochastic Flow Network Based on Upper and Lower Boundary Vectors. Mathematics, 2019, 7, 1115.	1.1	8
120	System Reliability of a Stochastic Multiple-Origin-Destination Tourism Transport Network With Tardiness. IEEE Transactions on Reliability, 2021, 70, 1556-1568.	3.5	8
121	STUDY ON LONGER AND SHORTER BOUNDARY DURATION VECTORS WITH ARBITRARY DURATION AND COST VALUES. Journal of the Operations Research Society of Japan, 2007, 50, 73-81.	0.3	7
122	System Reliability of a Limited-Flow Network in Multicommodity Case. IEEE Transactions on Reliability, 2007, 56, 17-25.	3.5	7
123	Routing policy of stochastic-flow networks under time threshold and budget constraint. Expert Systems With Applications, 2009, 36, 6076-6081.	4.4	7
124	Reliability evaluation for overall-terminal multistate flow networks with bi-directed arcs. Expert Systems With Applications, 2010, 37, 6669-6674.	4.4	7
125	New challenges and opportunities in flexible and robust supply chain forecasting systems. International Journal of Production Economics, 2010, 128, 453-456.	5.1	7
126	Transmission reliability of k minimal paths within time threshold. Computers and Industrial Engineering, 2011, 61, 1160-1165.	3.4	7

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127	On performance evaluation for a multistate network under spare routing. Information Sciences, 2012, 203, 73-82.	4.0	7
128	Assessing reliability within error rate and time constraint for a stochastic node-imperfect computer network. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2013, 227, 80-85.	0.6	7
129	A fuzzy-based assessment procedure for a clothing factory with waste-prevention consideration. Journal of Cleaner Production, 2015, 108, 484-493.	4.6	7
130	Component allocation cost minimization for a multistate computer network subject to a reliability threshold using tabu search. Journal of Industrial and Management Optimization, 2015, 12, 141-167.	0.8	7
131	A novel approach to predict network reliability for multistate networks by a deep neural network. Quality Technology and Quantitative Management, 2022, 19, 362-378.	1.1	7
132	MC-based Algorithm for a telecommunication network under node and budget constraints. Applied Mathematics and Computation, 2007, 190, 1540-1550.	1.4	6
133	Spare routing problem with p minimal paths for time-based stochastic flow networks. Applied Mathematical Modelling, 2011, 35, 1427-1438.	2.2	6
134	Evaluation of Network Reliability for Computer Networks with Multiple Sources. Mathematical Problems in Engineering, 2012, 2012, 1-18.	0.6	6
135	Approximate and accurate maintenance reliabilities of a cloud computing network with nodes failure subject to budget. International Journal of Production Economics, 2012, 139, 543-550.	5.1	6
136	Reliability evaluation of a computer network in cloud computing environment subject to maintenance budget. Applied Mathematics and Computation, 2012, 219, 3893-3902.	1.4	6
137	System reliability of assured accuracy rate for multi-state computer networks from service level agreements viewpoint. Journal of Systems Science and Systems Engineering, 2014, 23, 196-211.	0.8	6
138	Reliability evaluation of a stochastic multimodal transport network under time and budget considerations. Annals of Operations Research, 2019, , 1.	2.6	6
139	System Reliability Assessment of a Fast Retransmit Through ${k}$ Separate Minimal Paths Under the Latency. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1395-1405.	5.9	6
140	A Binding Algorithm of Lower Boundary Points Generation for Network Reliability Evaluation. IEEE Transactions on Reliability, 2020, 69, 1087-1096.	3.5	6
141	Reliability of spare routing via intersectional minimal paths within budget and time constraints by simulation. Annals of Operations Research, 2022, 312, 345-368.	2.6	6
142	System reliability analysis for a cloud-based network under edge server capacity and budget constraints. Annals of Operations Research, 0, , 1.	2.6	6
143	An algorithm to generate all spanning trees with flow. Mathematical and Computer Modelling, 2002, 35, 1453-1458.	2.0	5
144	Reliability of a Flow Network Subject to Budget Constraints. IEEE Transactions on Reliability, 2007, 56, 10-16.	3.5	5

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145	A method to evaluate routing policy through p minimal paths for stochastic case. Information Sciences, 2010, 180, 4595-4605.	4.0	5
146	Assessment of spare reliability for multi-state computer networks within tolerable packet unreliability. International Journal of Systems Science, 2015, 46, 1020-1035.	3.7	5
147	Assessment of system reliability for a stochastic-flow distribution network with the spoilage property. International Journal of Systems Science, 2016, 47, 1421-1432.	3.7	5
148	Reliability evaluation of a multistate flexible flow shop with stochastic capacity for multiple types of jobs. Journal of Manufacturing Systems, 2016, 41, 287-298.	7.6	5
149	Double resource optimization for a robust computer network subject to a transmission budget. Annals of Operations Research, 2016, 244, 133-162.	2.6	5
150	A confidence-based approach to reliability design considering correlated failures. Reliability Engineering and System Safety, 2017, 165, 102-114.	5.1	5
151	Rail transport network reliability with train arrival delay: A reference indicator for a travel agency in tour planning. Expert Systems With Applications, 2022, 189, 116107.	4.4	5
152	Network reliability evaluation for multi-state computing networks considering demand as the non-integer type. Reliability Engineering and System Safety, 2022, 219, 108226.	5.1	5
153	A multi-state network to evaluate network reliability with maximal and minimal capacity vectors by using recursive sum of disjoint products. Expert Systems With Applications, 2022, 193, 116421.	4.4	5
154	A two-commodity multistate flow network with capacity weight varying with edges, nodes and types of commodity. Applied Mathematics and Computation, 2006, 183, 142-151.	1.4	4
155	The stochastic quickest path problem via minimal paths. Journal of the Chinese Institute of Industrial Engineers, 2010, 27, 132-139.	0.5	4
156	Performance evaluation for a transportation system in stochastic case. Computers and Operations Research, 2012, 39, 1901-1908.	2.4	4
157	Graphical-based reliability evaluation of multiple distinct production lines. Journal of Systems Science and Systems Engineering, 2013, 22, 73-92.	0.8	4
158	Reliability of a production system with intersectional lines. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 1382-1392.	1.5	4
159	Decision making procedure of demand satisfaction and production policy for capacitated production systems. Expert Systems With Applications, 2014, 41, 723-734.	4.4	4
160	Reliability evaluation according to a routing scheme for multi-state computer networks under assured accuracy rate. Annals of Operations Research, 2016, 244, 221-240.	2.6	4
161	An Improved Merge Search Approach to Evaluate Reliability in Multistate Network Systems. IEEE Transactions on Reliability, 2022, 71, 382-389.	3.5	4
162	Reliability Evaluation of a Cloudâ€“Fog Computing Network Considering Transmission Mechanisms. IEEE Transactions on Reliability, 2022, 71, 1355-1367.	3.5	4

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163	STUDY ON THE PERFORMANCE INDEX FOR A MULTICOMMODITY STOCHASTIC-FLOW NETWORK IN TERMS OF MINIMAL CUTS. Journal of the Chinese Institute of Industrial Engineers, 2002, 19, 42-48.	0.5	3
164	FIND ALL LONGER AND SHORTER BOUNDARY DURATION VECTORS UNDER PROJECT TIME AND BUDGET CONSTRAINTS. Journal of the Operations Research Society of Japan, 2002, 45, 260-267.	0.3	3
165	SYSTEM RELIABILITY OF A STOCHASTIC-FLOW NETWORK WITH NODES HAVING CAPACITY AND COST ATTRIBUTES. International Journal of Reliability, Quality and Safety Engineering, 2006, 13, 203-212.	0.4	3
166	Performance index of a stochastic-flow network with node failure under the budget constraint. International Journal of Advanced Manufacturing Technology, 2007, 31, 1209-1216.	1.5	3
167	System reliability for quickest path problems under time threshold and budget. Computers and Mathematics With Applications, 2010, 60, 2326-2332.	1.4	3
168	A multi-state computer network within transmission error rate and time constraints. Journal of the Chinese Institute of Industrial Engineers, 2012, 29, 477-484.	0.5	3
169	Delivery reliability of computer networks for data transmission within the permitted packet error rate and latency. Computers and Electrical Engineering, 2013, 39, 2161-2172.	3.0	3
170	Performance indicator evaluation for a cloud computing system from QoS viewpoint. Quality and Quantity, 2013, 47, 1605-1616.	2.0	3
171	Simulation approach to estimate the system reliability of a time-based capacitated flow network susceptible to correlated failures. Simulation Modelling Practice and Theory, 2013, 36, 74-83.	2.2	3
172	Reliability evaluation of a multistate network subject to time constraint under routing policy. International Journal of Systems Science, 2013, 44, 1400-1408.	3.7	3
173	Coordinating a Service Supply Chain under Arms Offset Programâ€™s Intervention by Performance-Based Contracting. Mathematical Problems in Engineering, 2016, 2016, 1-10.	0.6	3
174	Vehicle glass distribution reliability measurement under transportation cost constraint. European Journal of Industrial Engineering, 2016, 10, 243.	0.5	3
175	Reliability of a Multi-State Computer Network ThroughkMinimal Paths Within Tolerable Error Rate and Time Threshold. Quality and Reliability Engineering International, 2016, 32, 1393-1405.	1.4	3
176	System Reliability Evaluation of a Multistate Manufacturing Network. Springer Series in Reliability Engineering, 2016, , 117-143.	0.3	3
177	Reliability interval for a stochastic project network constrained by budget and time. Quality Technology and Quantitative Management, 2019, 16, 82-94.	1.1	3
178	Reliability Evaluation of Production System With In-Line Stockers. IEEE Transactions on Reliability, 2021, 70, 986-995.	3.5	3
179	A permutation-and-backtrack approach for reliability evaluation in multistate information networks. Applied Mathematics and Computation, 2020, 373, 125024.	1.4	3
180	Preface: reliability modeling with applications based on big data. Annals of Operations Research, 2022, 311, 1-2.	2.6	3

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181	æ©ŸçŽ‡æ€§è²è¼‰é‡èˆ‡ç®——é™åˆ¶æ±‚è§£ä¹‹æ¼”ç®—æ³•. Journal of the Chinese Institute of Indus		2
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