

Wei-Chang Yeh

List of Publications by Year in descending order

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213
papers

6,158
citations

66234

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68
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217
all docs

217
docs citations

217
times ranked

3178
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel general active reliability redundancy allocation problems and algorithm. Reliability Engineering and System Safety, 2022, 218, 108167.	5.1	18
2	An improved algorithm for reliability evaluation of flow networks. Reliability Engineering and System Safety, 2022, 221, 108371.	5.1	10
3	Novel binary addition tree algorithm (BAT) for calculating the direct lower-bound of the highly reliable binary-state network reliability. Reliability Engineering and System Safety, 2022, 223, 108509.	5.1	10
4	New binary-addition tree algorithm for the all-multiterminal binary-state network reliability problem. Reliability Engineering and System Safety, 2022, 224, 108557.	5.1	6
5	Novel direct algorithm for computing simultaneous all-level reliability of multistate flow networks. Reliability Engineering and System Safety, 2022, 225, 108623.	5.1	8
6	Solving Dual-Channel Supply Chain Pricing Strategy Problem with Multi-Level Programming Based on Improved Simplified Swarm Optimization. Technologies, 2022, 10, 73.	3.0	4
7	A New BAT and PageRank Algorithm for Propagation Probability in Social Networks. Applied Sciences (Switzerland), 2022, 12, 6858.	1.3	5
8	Novel binary-addition tree algorithm (BAT) for binary-state network reliability problem. Reliability Engineering and System Safety, 2021, 208, 107448.	5.1	25
9	Novel Binary-Addition Tree Algorithm for Reliability Evaluation of Acyclic Multistate Information Networks. Reliability Engineering and System Safety, 2021, 210, 107427.	5.1	15
10	A New Support Vector Machine Based on Convolution Product. Complexity, 2021, 2021, 1-19.	0.9	4
11	Simplified Swarm Optimization for the Heterogeneous Fleet Vehicle Routing Problem with Time-Varying Continuous Speed Function. Electronics (Switzerland), 2021, 10, 1775.	1.8	14
12	Simplified swarm optimization for bi-objective active reliability redundancy allocation problems. Applied Soft Computing Journal, 2021, 106, 107321.	4.1	19
13	Predicting Spread Probability of Learning-Effect Computer Virus. Complexity, 2021, 2021, 1-17.	0.9	11
14	Solving Cold-Standby Reliability-Redundancy Allocation Problems with Particle-Based Simplified Swarm Optimization. Journal of Sensors, 2021, 2021, 1-12.	0.6	3
15	DLEA: A dynamic learning evolution algorithm for many-objective optimization. Information Sciences, 2021, 574, 567-589.	4.0	34
16	One-batch preempt deterioration-effect multi-state multi-rework network reliability problem and algorithms. Reliability Engineering and System Safety, 2021, 215, 107883.	5.1	8
17	A quick BAT for evaluating the reliability of binary-state networks. Reliability Engineering and System Safety, 2021, 216, 107917.	5.1	18
18	Novel Algorithm for Computing All-Pairs Homogeneity-Arc Binary-State Undirected Network Reliability. Reliability Engineering and System Safety, 2021, 216, 107950.	5.1	9

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19	A Novel Bi-Tuning SSO Algorithm for Optimizing the Budget-Limited Sensing Coverage Problem in Wireless Sensor Networks. Applied Sciences (Switzerland), 2021, 11, 10197.	1.3	4
20	The Vehicle Routing Problem: State-of-the-Art Classification and Review. Applied Sciences (Switzerland), 2021, 11, 10295.	1.3	28
21	A Novel Constraints Model of Credibility-Fuzzy for Reliability Redundancy Allocation Problem by Simplified Swarm Optimization. Applied Sciences (Switzerland), 2021, 11, 10765.	1.3	4
22	Multi-distribution multi-commodity multistate flow network model and its reliability evaluation algorithm. Reliability Engineering and System Safety, 2020, 193, 106668.	5.1	15
23	A Novel Convolution-Based Algorithm for the Acyclic Network Symbolic Reliability Function Problem. IEEE Access, 2020, 8, 99337-99345.	2.6	2
24	GSCS: General Secure Consensus Scheme for Decentralized Blockchain Systems. IEEE Access, 2020, 8, 125826-125848.	2.6	5
25	Improve Energy Consumption and Signal Transmission Quality of Routings in Wireless Sensor Networks. IEEE Access, 2020, 8, 198254-198264.	2.6	14
26	Quickest Multistate Flow Networks With the Deterioration Effect. IEEE Access, 2020, 8, 145535-145541.	2.6	1
27	Developing Model of Fuzzy Constraints Based on Redundancy Allocation Problem by an Improved Swarm Algorithm. IEEE Access, 2020, 8, 155235-155247.	2.6	11
28	Binary-Addition Tree Algorithm-Based Resilience Assessment for Binary-State Network Problems. Electronics (Switzerland), 2020, 9, 1207.	1.8	16
29	Using Simplified Swarm Optimization on Multiloop Fuzzy PID Controller Tuning Design for Flow and Temperature Control System. Applied Sciences (Switzerland), 2020, 10, 8472.	1.3	10
30	Predicting and Modeling Wildfire Propagation Areas with BAT and Maximum-State PageRank. Applied Sciences (Switzerland), 2020, 10, 8349.	1.3	16
31	A Weighted Ensemble Learning Algorithm Based on Diversity Using a Novel Particle Swarm Optimization Approach. Algorithms, 2020, 13, 255.	1.2	5
32	General multi-state rework network and reliability algorithm. Reliability Engineering and System Safety, 2020, 203, 107048.	5.1	8
33	New genetic algorithm for economic dispatch of stand-alone three-modular microgrid in DongAo Island. Applied Energy, 2020, 263, 114508.	5.1	49
34	Enhancing MOEA/D with information feedback models for large-scale many-objective optimization. Information Sciences, 2020, 522, 1-16.	4.0	127
35	A new method for verifying d-MC candidates. Reliability Engineering and System Safety, 2020, 204, 107202.	5.1	12
36	NETWORK DATA ENVELOPMENT ANALYSIS WITH COMMON WEIGHTS: AN APPLICATION TO THE SUSTAINABILITY MEASUREMENT OF OECD COUNTRIES. Environmental Engineering and Management Journal, 2020, 19, 809-818.	0.2	0

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37	A new Method for Dynamic Economic Emission Dispatch Problem. , 2019, , .		2
38	Solving cold-standby reliability redundancy allocation problems using a new swarm intelligence algorithm. Applied Soft Computing Journal, 2019, 83, 105582.	4.1	31
39	Building an Improved Internet of Things Smart Sensor Network Based on a Three-Phase Methodology. IEEE Access, 2019, 7, 141728-141737.	2.6	15
40	A novel nondominated sorting simplified swarm optimization for multi-stage capacitated facility location problems with multiple quantitative and qualitative objectives. Applied Soft Computing Journal, 2019, 84, 105684.	4.1	14
41	A new harmonic continuous simplified swarm optimization. Applied Soft Computing Journal, 2019, 85, 105544.	4.1	11
42	Thermal infrared and visible sequences fusion tracking based on a hybrid tracking framework with adaptive weighting scheme. Infrared Physics and Technology, 2019, 99, 265-276.	1.3	40
43	Fuzzy System and Time Window Applied to Traffic Service Network Problems under a Multi-Demand Random Network. Electronics (Switzerland), 2019, 8, 539.	1.8	7
44	A New Subtraction-Based Algorithm for the n -MPs for All n Problem. IEEE Transactions on Reliability, 2019, 68, 999-1008.	3.5	11
45	A Quick Inclusion-Exclusion technique. Information Sciences, 2019, 486, 20-30.	4.0	39
46	Option pricing and the Greeks under Gaussian fuzzy environments. Soft Computing, 2019, 23, 13351-13374.	2.1	6
47	Fog computing task scheduling optimization based on multi-objective simplified swarm optimization. Journal of Physics: Conference Series, 2019, 1411, 012007.	0.3	9
48	Nurse scheduling problem using Simplified Swarm Optimization. Journal of Physics: Conference Series, 2019, 1411, 012010.	0.3	0
49	Simplified swarm optimization for optimal deployment of fog computing system of industry 4.0 smart factory. Journal of Physics: Conference Series, 2019, 1411, 012005.	0.3	3
50	Multi-objective optimal operation of renewable energy hybrid CCHP system using SSO. Journal of Physics: Conference Series, 2019, 1411, 012016.	0.3	2
51	A New Node-Based Concept for Solving the Minimal Path Problem in General Networks. IEEE Access, 2019, 7, 173310-173319.	2.6	6
52	Optimization of a Convolutional Neural Network Using a Hybrid Algorithm. , 2019, , .		4
53	Mining Classification Rules for HIV-1 Protease Cleavage Sites Using Simplified Swarm Optimization. , 2019, , .		1
54	A Novel Multistate Minimal Cut Vectors Problem and Its Algorithm. IEEE Transactions on Reliability, 2019, 68, 291-301.	3.5	12

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55	A novel boundary swarm optimization method for reliability redundancy allocation problems. Reliability Engineering and System Safety, 2019, 192, 106060.	5.1	42
56	Simplex simplified swarm optimisation for the efficient optimisation of parameter identification for solar cell models. IET Renewable Power Generation, 2018, 12, 45-51.	1.7	30
57	Fast Algorithm for Searching d -MPs for all Possible d . IEEE Transactions on Reliability, 2018, 67, 308-315.	3.5	32
58	Fuzzy multiple criteria decision-making via an inverse function-based total utility approach. Soft Computing, 2018, 22, 7423-7433.	2.1	6
59	A novel multi-distribution multi-state flow network and its reliability optimization problem. Reliability Engineering and System Safety, 2018, 176, 209-217.	5.1	32
60	New parallel swarm algorithm for smart sensor systems redundancy allocation problems in the Internet of Things. Journal of Supercomputing, 2018, 74, 4358-4384.	2.4	45
61	Simplified Swarm Optimization for the Time Dependent Competitive Vehicle Routing Problem with Heterogeneous Fleet. , 2018, , .		1
62	A Compact Ciphertext-Policy Attribute-Based Encryption Scheme for the Information-Centric Internet of Things. IEEE Access, 2018, 6, 63513-63526.	2.6	9
63	Solving Multi-Objective Fuzzy Optimization in Wireless Smart Sensor Networks under Uncertainty Using a Hybrid of IFR and SSO Algorithm. Energies, 2018, 11, 2385.	1.6	15
64	Multi Objective Scheduling in Cloud Computing Using MOSSO. , 2018, , .		5
65	A Case Study of Control and Improved Simplified Swarm Optimization for Economic Dispatch of a Stand-Alone Modular Microgrid. Energies, 2018, 11, 793.	1.6	11
66	Power and Capacity Consensus Tracking of Distributed Battery Storage Systems in Modular Microgrids. Energies, 2018, 11, 1439.	1.6	12
67	Parameters extraction of solar cell models using a modified simplified swarm optimization algorithm. Solar Energy, 2017, 144, 594-603.	2.9	135
68	A new exact solution algorithm for a novel generalized redundancy allocation problem. Information Sciences, 2017, 408, 182-197.	4.0	32
69	Entropic simplified swarm optimization for the task assignment problem. Applied Soft Computing Journal, 2017, 58, 115-127.	4.1	29
70	A Squeezed Artificial Neural Network for the Symbolic Network Reliability Functions of Binary-State Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2822-2825.	7.2	44
71	Simplified swarm optimisation for the solar cell models parameter estimation problem. IET Renewable Power Generation, 2017, 11, 1166-1173.	1.7	20
72	Resource allocation decision model for dependable and cost-effective grid applications based on Grid Bank. Future Generation Computer Systems, 2017, 77, 12-28.	4.9	8

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73	A honey-bee-mating based algorithm for multilevel image segmentation using Bayesian theorem. Applied Soft Computing Journal, 2017, 52, 1181-1190.	4.1	31
74	Evaluation of the one-to-all-target-subsets reliability of a novel deterioration-effect acyclic multi-state information network. Reliability Engineering and System Safety, 2017, 166, 132-137.	5.1	20
75	Solving single row facility layout problem with simplified swarm optimization. , 2017, , .		4
76	Simplified swarm optimization for task assignment problem in distributed computing system. , 2017, , .		2
77	A hybrid data gravitation based classification algorithm applied to gene expression data. , 2017, , .		0
78	Methodology for the reliability evaluation of the novel learning-effect multi-state flow network. IISE Transactions, 2017, 49, 1078-1085.	1.6	15
79	Simplified swarm optimization with modular search for the general multi-level redundancy allocation problem in series-parallel systems. , 2016, , .		2
80	A New Soft Computing Method for K-Harmonic Means Clustering. PLoS ONE, 2016, 11, e0164754.	1.1	3
81	An efficient alternative to the exact evaluation of the quickest path flow network reliability problem. Computers and Operations Research, 2016, 76, 22-32.	2.4	23
82	A novel 3D binary-state angle network and its reliability evaluate. , 2016, , .		1
83	Integrated use of soft computing and clustering for capacitated clustering single-facility location problem with one-time delivery. , 2016, , .		0
84	Application of simplified swarm optimization algorithm in deteriorate supply chain network problem. , 2016, , .		7
85	Gene selection using information gain and improved simplified swarm optimization. Neurocomputing, 2016, 218, 331-338.	3.5	68
86	A New Weight Adjusted Particle Swarm Optimization for Real-Time Multiple Object Tracking. Lecture Notes in Computer Science, 2016, , 643-651.	1.0	7
87	Hybrid Gravitational Search Algorithm with Swarm Intelligence for Object Tracking. Lecture Notes in Computer Science, 2016, , 213-221.	1.0	2
88	Two-stage simplified swarm optimization for the redundancy allocation problem in a multi-state bridge system. Reliability Engineering and System Safety, 2016, 156, 148-158.	5.1	35
89	A cooperative honey bee mating algorithm and its application in multi-threshold image segmentation. Information Sciences, 2016, 369, 171-183.	4.0	25
90	New Method in Searching for All Minimal Paths for the Directed Acyclic Network Reliability Problem. IEEE Transactions on Reliability, 2016, 65, 1263-1270.	3.5	29

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91	Simplified swarm optimization for repairable redundancy allocation problem in multi-state systems with bridge topology. , 2016, , .		1
92	Multi-swarms Dynamic Convergence Optimization for object tracking. , 2016, , .		2
93	A simplified swarm optimization for object tracking. , 2016, , .		3
94	Evaluation the performance of supply chain based on the network reliability. , 2016, , .		0
95	A novel hybrid clustering approach based on K-harmonic means using robust design. Neurocomputing, 2016, 173, 1720-1732.	3.5	23
96	Multi-swarm Particle Grid Optimization for Object Tracking. Lecture Notes in Computer Science, 2016, , 707-714.	1.0	0
97	Simplified Swarm Optimization Algorithm for reliability redundancy allocation problems. , 2015, , .		1
98	Accelerated Simplified Swarm Optimization with Exploitation Search Scheme for Data Clustering. PLoS ONE, 2015, 10, e0137246.	1.1	21
99	An Improved Sum-of-Disjoint-Products Technique for Symbolic Multi-State Flow Network Reliability. IEEE Transactions on Reliability, 2015, 64, 1185-1193.	3.5	63
100	Finding experts in online forums for enhancing knowledge sharing and accessibility. Computers in Human Behavior, 2015, 51, 325-335.	5.1	15
101	An improved simplified swarm optimization. Knowledge-Based Systems, 2015, 82, 60-69.	4.0	34
102	A Fast Algorithm for Quickest Path Reliability Evaluations in Multi-State Flow Networks. IEEE Transactions on Reliability, 2015, 64, 1175-1184.	3.5	21
103	Learning of hierarchical fuzzy aggregative network using simplified swarm optimization. , 2015, , .		0
104	Solving reliability redundancy allocation problems with orthogonal simplified swarm optimization. , 2015, , .		2
105	Web page classification based on a simplified swarm optimization. Applied Mathematics and Computation, 2015, 270, 13-24.	1.4	28
106	A new cut-based algorithm for the multi-state flow network reliability problem. Reliability Engineering and System Safety, 2015, 136, 1-7.	5.1	52
107	A novel node-based sequential implicit enumeration method for finding all d-MPs in a multistate flow network. Information Sciences, 2015, 297, 283-292.	4.0	28
108	Uniform parallel machine scheduling with resource consumption constraint. Applied Mathematical Modelling, 2015, 39, 2131-2138.	2.2	39

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109	Simplified Swarm Optimization to Solve the K-Harmonic Means Problem for Mining Data. Proceedings in Adaptation, Learning and Optimization, 2015, , 429-439.	1.5	5
110	A new K-harmonic means based simplified swarm optimization for data mining. , 2014, , .		3
111	Pareto simplified swarm optimization for grid-computing reliability and service makspan in grid-RMS. , 2014, , .		1
112	Total tardiness minimization in permutation flowshop with deterioration consideration. Applied Mathematical Modelling, 2014, 38, 3081-3092.	2.2	29
113	Orthogonal simplified swarm optimization for the series“parallel redundancy allocation problem with a mix of components. Knowledge-Based Systems, 2014, 64, 1-12.	4.0	63
114	Parallel-machine scheduling to minimize makespan with fuzzy processing times and learning effects. Information Sciences, 2014, 269, 142-158.	4.0	61
115	Forecasting wind power in the Mai Liao Wind Farm based on the multi-layer perceptron artificial neural network model with improved simplified swarm optimization. International Journal of Electrical Power and Energy Systems, 2014, 55, 741-748.	3.3	76
116	Minimizing Bypass Transportation Expenses in Linear Multistate Consecutively-Connected Systems. IEEE Transactions on Reliability, 2014, 63, 230-238.	3.5	11
117	The hybrid swarm intelligence for S-system model-based genetic network. , 2014, , .		1
118	Feature Selection and Mass Classification Using Particle Swarm Optimization and Support Vector Machine. Lecture Notes in Computer Science, 2014, , 439-446.	1.0	1
119	Evaluating the reliability of a novel deterioration-effect multi-state flow network. Information Sciences, 2013, 243, 75-85.	4.0	22
120	New Parameter-Free Simplified Swarm Optimization for Artificial Neural Network Training and its Application in the Prediction of Time Series. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 661-665.	7.2	90
121	Simplified swarm optimization with differential evolution mutation strategy for parameter search. , 2013, , .		2
122	A Novel Cut-Based Universal Generating Function Method. IEEE Transactions on Reliability, 2013, 62, 628-636.	3.5	13
123	Simplified Swarm Optimization in efficient tool assignment of disassembly sequencing problem. , 2013, , .		3
124	A Chaotic Ordered Hierarchies Consistency Analysis Performance Evaluation Model. Journal of Physics: Conference Series, 2013, 410, 012098.	0.3	0
125	Optimal Routing for Multi-Commodity in Multistate Flow Network with Time Constraints. Quality Technology and Quantitative Management, 2013, 10, 161-177.	1.1	10
126	Particle swarm optimization based feature selection in mammogram mass classification. , 2012, , .		2

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127	A New Universal Generating Function Method for Solving the Single (d, au) -Quick-Path Problem in Multistate Flow Networks. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1476-1484.	3.4	18
128	A Modified Universal Generating Function Algorithm for the Acyclic Binary-State Network Reliability. IEEE Transactions on Reliability, 2012, 61, 702-709.	3.5	16
129	Uniform parallel-machine scheduling to minimize makespan with position-based learning curves. Computers and Industrial Engineering, 2012, 63, 813-818.	3.4	36
130	A hybrid Niching-based evolutionary PSO for numerical optimization problems. , 2012, , .		1
131	A radio frequency identification network design methodology for the decision problem in Mackay Memorial Hospital based on swarm optimization. , 2012, , .		2
132	Mass Classification in Digitized Mammograms Using Texture Features and Artificial Neural Network. Lecture Notes in Computer Science, 2012, , 151-158.	1.0	7
133	Economic-based resource allocation for reliable Grid-computing service based on Grid Bank. Future Generation Computer Systems, 2012, 28, 989-1002.	4.9	40
134	Simplified swarm optimization in disassembly sequencing problems with learning effects. Computers and Operations Research, 2012, 39, 2168-2177.	2.4	99
135	Penalty guided bees search for redundancy allocation problems with a mix of components in series-parallel systems. Computers and Operations Research, 2012, 39, 2688-2704.	2.4	79
136	Novel swarm optimization for mining classification rules on thyroid gland data. Information Sciences, 2012, 197, 65-76.	4.0	66
137	Mining financial distress trend data using penalty guided support vector machines based on hybrid of particle swarm optimization and artificial bee colony algorithm. Neurocomputing, 2012, 82, 196-206.	3.5	46
138	Optimization of the Disassembly Sequencing Problem on the Basis of Self-Adaptive Simplified Swarm Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 250-261.	3.4	93
139	Artificial bee colony algorithm-neural networks for S-system models of biochemical networks approximation. Neural Computing and Applications, 2012, 21, 365-375.	3.2	37
140	Image clustering using Particle Swarm Optimization. , 2011, , .		21
141	Knowledge Discovery Employing Grid Scheme Least Squares Support Vector Machines Based on Orthogonal Design Bee Colony Algorithm. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1198-1212.	5.5	34
142	Approximate Reliability Function Based on Wavelet Latin Hypercube Sampling and Bee Recurrent Neural Network. IEEE Transactions on Reliability, 2011, 60, 404-414.	3.5	17
143	A Novel Label Universal Generating Function Method for Evaluating the One-to-all-Subsets General Multistate Information Network Reliability. IEEE Transactions on Reliability, 2011, 60, 470-478.	3.5	14
144	A Sequential Decomposition Method for Estimating Flow in a Multi-Commodity, Multistate Network. IEEE Transactions on Reliability, 2011, 60, 612-621.	3.5	21

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145	An Improved Method for Multistate Flow Network Reliability With Unreliable Nodes and a Budget Constraint Based on Path Set. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 350-355.	3.4	24
146	Feasible prediction in S-system models of genetic networks. Expert Systems With Applications, 2011, 38, 193-197.	4.4	3
147	Forecasting stock markets using wavelet transforms and recurrent neural networks: An integrated system based on artificial bee colony algorithm. Applied Soft Computing Journal, 2011, 11, 2510-2525.	4.1	309
148	Solving reliability redundancy allocation problems using an artificial bee colony algorithm. Computers and Operations Research, 2011, 38, 1465-1473.	2.4	188
149	Using multi-objective genetic algorithm for partner selection in green supply chain problems. Expert Systems With Applications, 2011, 38, 4244-4253.	4.4	366
150	Facial Expression Recognition on Hexagonal Structure Using LBP-Based Histogram Variances. Lecture Notes in Computer Science, 2011, , 35-45.	1.0	4
151	A hybrid immune-estimation distribution of algorithm for mining thyroid gland data. Expert Systems With Applications, 2010, 37, 2066-2071.	4.4	21
152	Performance analysis of cellular automata Monte Carlo Simulation for estimating network reliability. Expert Systems With Applications, 2010, 37, 3537-3544.	4.4	41
153	A Particle Swarm Optimization Approach Based on Monte Carlo Simulation for Solving the Complex Network Reliability Problem. IEEE Transactions on Reliability, 2010, 59, 212-221.	3.5	107
154	A New Universal Generating Function Method for Estimating the Novel Multiresource Multistate Information Network Reliability. IEEE Transactions on Reliability, 2010, 59, 528-538.	3.5	20
155	Feature selection with Intelligent Dynamic Swarm and Rough Set. Expert Systems With Applications, 2010, 37, 7026-7032.	4.4	87
156	An efficient error concealment algorithm for H.264/AVC using regression modeling-based prediction. IEEE Transactions on Consumer Electronics, 2010, 56, 2694-2701.	3.0	12
157	An electronic-nose sensor node based on polymer-coated surface acoustic wave array for environmental monitoring. , 2010, , .		6
158	Error concealment for H.264/AVC using regression modeling digest of technical papers. , 2010, , .		1
159	A Two-Tier System for Web Attack Detection Using Linear Discriminant Method. Lecture Notes in Computer Science, 2010, , 459-471.	1.0	4
160	A Squeeze Response Surface Methodology for Finding Symbolic Network Reliability Functions. IEEE Transactions on Reliability, 2009, 58, 374-382.	3.5	11
161	A Convolution Universal Generating Function Method for Evaluating the Symbolic One-to-All-Target-Subset Reliability Function of Acyclic Multi-State Information Networks. IEEE Transactions on Reliability, 2009, 58, 476-484.	3.5	15
162	A new hybrid approach for mining breast cancer pattern using discrete particle swarm optimization and statistical method. Expert Systems With Applications, 2009, 36, 8204-8211.	4.4	112

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163	A two-stage discrete particle swarm optimization for the problem of multiple multi-level redundancy allocation in series systems. Expert Systems With Applications, 2009, 36, 9192-9200.	4.4	149
164	A simple direct cosine simplex algorithm. Applied Mathematics and Computation, 2009, 214, 178-186.	1.4	16
165	Using association rules and particle swarm optimization approach for part change. Expert Systems With Applications, 2009, 36, 8178-8184.	4.4	9
166	A simple method for the multi-state quickest path flow network reliability problem. , 2009, , .		5
167	A Simple Universal Generating Function Method to Search for All Minimal Paths in Networks. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 1247-1254.	3.4	41
168	A simple minimal path method for estimating the weighted multi-commodity multistate unreliable networks reliability. Reliability Engineering and System Safety, 2008, 93, 125-136.	5.1	92
169	An improved algorithm for searching all minimal cuts in modified networks. Reliability Engineering and System Safety, 2008, 93, 1018-1024.	5.1	10
170	The Extension of Universal Generating Function Method to Search for All One-to-Many d -Minimal Paths of Acyclic Multi-State-Arc Flow-Conservation Networks. IEEE Transactions on Reliability, 2008, 57, 94-102.	3.5	16
171	A Fast Algorithm for Searching All Multi-State Minimal Cuts. IEEE Transactions on Reliability, 2008, 57, 581-588.	3.5	46
172	A Greedy Branch-and-Bound Inclusion-Exclusion Algorithm for Calculating the Exact Multi-State Network Reliability. IEEE Transactions on Reliability, 2008, 57, 88-93.	3.5	50
173	An intelligent classification algorithm for LifeLog multimedia applications. , 2008, , .		1
174	A Novel Intra-frame Error Concealment Algorithm for H.264 AVC. , 2008, , .		2
175	A simple universal generating function method for estimating the reliability of general multi-state node networks. IIE Transactions, 2008, 41, 3-11.	2.1	39
176	Evaluate Voting System Reliability Using the Monte Carlo simulation and Artificial Neural Network. , 2007, , .		4
177	An interactive augmented max-min MCSâ€“RSM method for the multi-objective network reliability problem. International Journal of Systems Science, 2007, 38, 87-99.	3.7	5
178	Evaluation of all one-to-many reliabilities for acyclic multistate-node distributed computing system under cost and capacity constraints. Computer Communications, 2007, 30, 3796-3806.	3.1	5
179	An improved sum-of-disjoint-products technique for the symbolic network reliability analysis with known minimal paths. Reliability Engineering and System Safety, 2007, 92, 260-268.	5.1	79
180	A Simple Heuristic Algorithm for Generating All Minimal Paths. IEEE Transactions on Reliability, 2007, 56, 488-494.	3.5	50

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181	A MCS Based Neural Network Approach to Extract Network Approximate Reliability Function. Communications in Computer and Information Science, 2007, , 287-297.	0.4	7
182	A simple algorithm to search for all MCs in networks. European Journal of Operational Research, 2006, 174, 1694-1705.	3.5	42
183	A new algorithm for generating minimal cut sets in k-out-of-n networks. Reliability Engineering and System Safety, 2006, 91, 36-43.	5.1	13
184	The k-out-of-n acyclic multistate-node networks reliability evaluation using the universal generating function method. Reliability Engineering and System Safety, 2006, 91, 800-808.	5.1	43
185	The cosine simplex algorithm. International Journal of Advanced Manufacturing Technology, 2006, 27, 1047-1050.	1.5	27
186	An efficient memetic algorithm for the multi-stage supply chain network problem. International Journal of Advanced Manufacturing Technology, 2006, 29, 803-813.	1.5	42
187	A novel method for the network reliability in terms of capacitated-minimum-paths without knowing minimum-paths in advance. Journal of the Operational Research Society, 2005, 56, 1235-1240.	2.1	61
188	A path-based algorithm for evaluating the k-out-of-n flow network reliability. Reliability Engineering and System Safety, 2005, 87, 243-251.	5.1	8
189	A new approach to evaluate reliability of multistate networks under the cost constraint. Omega, 2005, 33, 203-209.	3.6	68
190	A hybrid heuristic algorithm for the multistage supply chain network problem. International Journal of Advanced Manufacturing Technology, 2005, 26, 675-685.	1.5	70
191	A branch-and-bound algorithm for the three-machine flowshop scheduling problem with bicriteria of makespan and total flowtime. International Transactions in Operational Research, 2004, 11, 323-339.	1.8	6
192	Multistate network reliability evaluation under the maintenance cost constraint. International Journal of Production Economics, 2004, 88, 73-83.	5.1	73
193	A simple MC-based algorithm for evaluating reliability of stochastic-flow network with unreliable nodes. Reliability Engineering and System Safety, 2004, 83, 47-55.	5.1	54
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