

Gaoxi Xiao

List of Publications by Year in descending order

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219
papers

3,875
citations

186265

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54
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227
all docs

227
docs citations

227
times ranked

3512
citing authors

#	ARTICLE	IF	CITATIONS
1	State Distribution of Markovian Jump Boolean Networks and Its Applications. IEEE Transactions on Automatic Control, 2023, 68, 1815-1822.	5.7	2
2	Self-Triggered Scheduling for Boolean Control Networks. IEEE Transactions on Cybernetics, 2022, 52, 8911-8921.	9.5	5
3	Design and Assessment of Sweep Coverage Algorithms for Multiagent Systems With Online Learning Strategies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5494-5505.	9.3	5
4	Detection of False Data Injection Attacks on Smart Grids: A Resilience-Enhanced Scheme. IEEE Transactions on Power Systems, 2022, 37, 2679-2692.	6.5	14
5	Motor Imagery BCI Classification Based on Multivariate Variational Mode Decomposition. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1177-1189.	4.9	27
6	Spatiotemporal Input Control: Leveraging Temporal Variation in Network Dynamics. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 635-651.	13.1	2
7	Set controllability of Markov jump switching Boolean control networks and its applications. Nonlinear Analysis: Hybrid Systems, 2022, 45, 101179.	3.5	9
8	Day-Ahead Economic Dispatch of Renewable Energy System considering Wind and Photovoltaic Predicted Output. International Transactions on Electrical Energy Systems, 2022, 2022, 1-14.	1.9	4
9	Minimum Dominating Set of Multiplex Networks: Definition, Application, and Identification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7823-7837.	9.3	28
10	On Convergence Performance of Discrete-Time Optimal Control Based Tracking Differentiator. IEEE Transactions on Industrial Electronics, 2021, 68, 3359-3369.	7.9	21
11	Calculation of DC Bias Reactive Power Loss of Converter Transformer via Finite Element Analysis. IEEE Transactions on Power Delivery, 2021, 36, 751-759.	4.3	19
12	Target Controllability of Two-Layer Multiplex Networks Based on Network Flow Theory. IEEE Transactions on Cybernetics, 2021, 51, 2699-2711.	9.5	10
13	Identification of Catastrophic Cascading Failures in Protected Power Grids Using Optimal Control. Journal of Energy Engineering - ASCE, 2021, 147, .	1.9	7
14	A New Framework for Automatic Detection of Motor and Mental Imagery EEG Signals for Robust BCI Systems. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	36
15	Distributed Estimation Under Sensor Attacks: Linear and Nonlinear Measurement Models. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 156-165.	2.8	12
16	Discrete-Time Optimal Control of Double Integrators and its Application in Maglev Train. IEEE Journal of Industry Applications, 2021, , .	1.1	0
17	Simultaneous stable control of temperature field distribution uniformity and consistency for multi-temperature zone systems. Transactions of the Institute of Measurement and Control, 2021, 43, 2069-2080.	1.7	2
18	Modeling and Analysis of Temperature Compensation for Multi-temperature Zone Sintering Furnace Temperature Sensing. International Journal of Control, Automation and Systems, 2021, 19, 2431-2443.	2.7	2

#	ARTICLE	IF	CITATIONS
19	Optimal Evolutionary Dispatch for Integrated Community Energy Systems Considering Uncertainties of Renewable Energy Sources and Internal Loads. <i>Energies</i> , 2021, 14, 3644.	3.1	9
20	Speed-accelerating method for the control of mobile chaotic agents. <i>European Physical Journal: Special Topics</i> , 2021, 230, 2043-2049.	2.6	2
21	Stochastic quasi-synchronization of heterogeneous delayed impulsive dynamical networks via single impulsive control. <i>Neural Networks</i> , 2021, 139, 223-236.	5.9	12
22	Distributed Fixed-Time Secondary Frequency Control of MTDC systems. , 2021, , .		0
23	Info2vec: An aggregative representation method in multi-layer and heterogeneous networks. <i>Information Sciences</i> , 2021, 574, 444-460.	6.9	5
24	Sag Source Location and Type Recognition via Attention-based Independently Recurrent Neural Network. <i>Journal of Modern Power Systems and Clean Energy</i> , 2021, 9, 1018-1031.	5.4	18
25	Observer-Based Sliding Mode Load Frequency Control of Power Systems under Deception Attack. <i>Complexity</i> , 2021, 2021, 1-11.	1.6	2
26	Discrete Time Optimal Control Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 17-33.	0.4	0
27	Simple and Efficient Tracking Differentiator. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 35-46.	0.4	1
28	On Convergence Performance of DTOC Based Tracking Differentiator. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 47-59.	0.4	0
29	Quasi-Synchronization of Heterogeneous Networks With a Generalized Markovian Topology and Event-Triggered Communication. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4200-4213.	9.5	28
30	An Optimal Control Approach to Identify the Worst-Case Cascading Failures in Power Systems. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 956-966.	3.7	9
31	On Feasibility and Limitations of Detecting False Data Injection Attacks on Power Grid State Estimation Using D-FACTS Devices. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 854-864.	11.3	123
32	Match making in complex social networks. <i>Applied Mathematics and Computation</i> , 2020, 371, 124928.	2.2	2
33	Target control and expandable target control of complex networks. <i>Journal of the Franklin Institute</i> , 2020, 357, 3541-3564.	3.4	5
34	Bias in social interactions and emergence of extremism in complex social networks. <i>Chaos</i> , 2020, 30, 103110.	2.5	11
35	Adaptive consensus for heterogeneous multi-agent systems under sensor and actuator attacks. <i>Automatica</i> , 2020, 122, 109242.	5.0	74
36	Multiobjective Lightning Flash Algorithm Design and Its Convergence Analysis via Martingale Theory. <i>Complexity</i> , 2020, 2020, 1-10.	1.6	0

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37	A robust optimization approach for protecting power systems against cascading blackouts. <i>Electric Power Systems Research</i> , 2020, 189, 106794.	3.6	17
38	A Time-Delay-Bounded Data Scheduling Algorithm for Delay Reduction in Distributed Networked Control Systems. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	2
39	Information Cascades and the Collapse of Cooperation. <i>Scientific Reports</i> , 2020, 10, 8004.	3.3	4
40	Asymmetric interdependent networks with multiple-dependence relation. <i>Physical Review E</i> , 2020, 101, 022314.	2.1	14
41	Identifying disruptive contingencies for catastrophic cascading failures in power systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 123, 106214.	5.5	3
42	Dynamics of opinion formation under majority rules on complex social networks. <i>Scientific Reports</i> , 2020, 10, 456.	3.3	8
43	Synchronization of networks over finite fields. <i>Automatica</i> , 2020, 115, 108877.	5.0	21
44	On the throughput optimization for message dissemination in opportunistic underwater sensor networks. <i>Computer Networks</i> , 2020, 169, 107097.	5.1	12
45	Target Control of Directed Networks based on Network Flow Problems. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 673-685.	3.7	8
46	Early dengue outbreak detection modeling based on dengue incidences in Singapore during 2012 to 2017. <i>Statistics in Medicine</i> , 2020, 39, 2101-2114.	1.6	6
47	Distributed consensus of heterogeneous multi-agent systems subject to switching topologies and delays. <i>Journal of the Franklin Institute</i> , 2020, 357, 6899-6917.	3.4	13
48	SPNTA: Reliability Analysis Under Topology Attacks—A Stochastic Petri Net Approach. <i>Wireless Networks</i> , 2020, , 41-74.	0.5	0
49	Fundamentals and Related Literature. <i>Wireless Networks</i> , 2020, , 23-40.	0.5	0
50	DHCD: Distributed Host-Based Collaborative Detection for FmDI Attacks. <i>Wireless Networks</i> , 2020, , 75-97.	0.5	0
51	DDOA: A Dirichlet-Based Detection Scheme for Opportunistic Attacks. <i>Wireless Networks</i> , 2020, , 99-121.	0.5	0
52	PFDD: On Feasibility and Limitations of Detecting FmDI Attacks Using D-FACTS. <i>Wireless Networks</i> , 2020, , 123-148.	0.5	0
53	Control of mobile chaotic agents with jump-based connection adaption strategy. <i>New Journal of Physics</i> , 2020, 22, 073032.	2.9	3
54	Decentralized Secondary Frequency Restoration and Power Sharing Control for MTDC Transmission Systems. , 2020, , .		3

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55	A Comparison Study of Tracking Differentiator and Robust Exact Differentiator. , 2020, , .		1
56	A Simple Discrete-Time Tracking Differentiator and Its Application to Speed and Position Detection System for a Maglev Train. IEEE Transactions on Control Systems Technology, 2019, 27, 1728-1734.	5.2	36
57	Unscented Kalman Filter With Generalized Correntropy Loss for Robust Power System Forecasting-Aided State Estimation. IEEE Transactions on Industrial Informatics, 2019, 15, 6091-6100.	11.3	57
58	Towards insider threats detection in smart grid communication systems. IET Communications, 2019, 13, 1728-1736.	2.2	10
59	Crash dynamics of interdependent networks. Scientific Reports, 2019, 9, 14574.	3.3	5
60	Design and Implementation of an Efficient Tracking Differentiator. IEEE Access, 2019, 7, 101941-101949.	4.2	10
61	Motor Imagery EEG Signals Classification Based on Mode Amplitude and Frequency Components Using Empirical Wavelet Transform. IEEE Access, 2019, 7, 127678-127692.	4.2	114
62	Risk Identification of Power Transmission System with Renewable Energy. , 2019, , .		4
63	Controllability of Markovian jump Boolean control networks. Automatica, 2019, 106, 70-76.	5.0	55
64	A model predictive approach to protect power systems against cascading blackouts. International Journal of Electrical Power and Energy Systems, 2019, 113, 310-321.	5.5	27
65	High-precision tracking differentiator via generalized discrete-time optimal control. ISA Transactions, 2019, 95, 144-151.	5.7	12
66	Enhanced Connection Adaption Strategy With Partition Approach. IEEE Access, 2019, 7, 34162-34169.	4.2	3
67	Positioning, Navigation, and Book Accessing/Returning in an Autonomous Library Robot using Integrated Binocular Vision and QR Code Identification Systems. Sensors, 2019, 19, 783.	3.8	14
68	Virus Propagation and Patch Distribution in Multiplex Networks: Modeling, Analysis, and Optimal Allocation. IEEE Transactions on Information Forensics and Security, 2019, 14, 1755-1767.	6.9	81
69	Identification and Analysis of Cascading Failures in Power Grids with Protective Actions. , 2019, , .		1
70	Output Feedback Control of Markovian Switching Boolean Control Networks. , 2019, , .		5
71	Motor Imagery EEG Signals Decoding by Multivariate Empirical Wavelet Transform-Based Framework for Robust Brain-Computer Interfaces. IEEE Access, 2019, 7, 171431-171451.	4.2	110
72	Distributed sweep coverage algorithm of multi-agent systems using workload memory. Systems and Control Letters, 2019, 124, 75-82.	2.3	9

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73	Iterative expectation maximization for reliable social sensing with information flows. Information Sciences, 2019, 501, 621-634.	6.9	6
74	Universal behavior of the linear threshold model on weighted networks. Journal of Parallel and Distributed Computing, 2019, 123, 223-229.	4.1	7
75	Identifying critical risks of cascading failures in power systems. IET Generation, Transmission and Distribution, 2019, 13, 2438-2445.	2.5	16
76	Opinion formation on multiplex scale-free networks. Europhysics Letters, 2018, 121, 26002.	2.0	10
77	Closed-form solution of discrete-time optimal control and its convergence. IET Control Theory and Applications, 2018, 12, 413-418.	2.1	12
78	Enabling Controlling Complex Networks with Local Topological Information. Scientific Reports, 2018, 8, 4593.	3.3	19
79	Intelligent Microgrid Management and EV Control Under Uncertainties in Smart Grid. , 2018, , .		14
80	Cooperative Control of TCSC to Relieve the Stress of Cyber-physical Power System. , 2018, , .		1
81	PAMA: A Proactive Approach to Mitigate False Data Injection Attacks in Smart Grids. , 2018, , .		9
82	A High-Precision Discrete Tracking Differentiator and its Application in Processing PMU Data. , 2018, , .		0
83	A colored mean-field model for analyzing the effects of awareness on epidemic spreading in multiplex networks. Chaos, 2018, 28, 103116.	2.5	10
84	A Network-Based Impact Measure for Propagated Losses in a Supply Chain Network Consisting of Resilient Components. Complexity, 2018, 2018, 1-13.	1.6	4
85	Matrix function optimization under weighted boundary constraints and its applications in network control. ISA Transactions, 2018, 80, 232-243.	5.7	0
86	Tracking Differentiator via Time Criterion. , 2018, , .		5
87	Energy Generation Scheduling in Microgrids Involving Temporal-Correlated Renewable Energy. , 2018, , 69-81.		0
88	Defending Against False Data Injection Attacks on Power System State Estimation. IEEE Transactions on Industrial Informatics, 2017, 13, 198-207.	11.3	246
89	Hybrid Centralized-Decentralized (HCD) Charging Control of Electric Vehicles. IEEE Transactions on Vehicular Technology, 2017, 66, 6728-6741.	6.3	51
90	Opinion diversity and community formation in adaptive networks. Chaos, 2017, 27, 103115.	2.5	17

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91	Connection adaption for control of networked mobile chaotic agents. Scientific Reports, 2017, 7, 16069.	3.3	7
92	False Data Injection on State Estimation in Power Systems—Attacks, Impacts, and Defense: A Survey. IEEE Transactions on Industrial Informatics, 2017, 13, 411-423.	11.3	403
93	Infection spreading, detection and control in community networks. Journal of Complex Networks, 2017, 5, 625-640.	1.8	3
94	Global consensus making on multiplex scale-free networks. , 2017, , .		0
95	HMM-Based Fast Detection of False Data Injections in Advanced Metering Infrastructure. , 2017, , .		10
96	Energy Generation Scheduling in Microgrids Involving Temporal-Correlated Renewable Energy. , 2017, , .		2
97	Comparing different models for investigating cascading failures in power systems. , 2017, , .		4
98	Mean First Passage Time of Preferential Random Walks on Complex Networks with Applications. Mathematical Problems in Engineering, 2017, 2017, 1-14.	1.1	4
99	Heuristic Strategies for Persuader Selection in Contagions on Complex Networks. PLoS ONE, 2017, 12, e0169771.	2.5	2
100	Band Coverage in Wireless Sensor Networks: A Preliminary Study. , 2017, , .		0
101	The robustness of interdependent networks under the interplay between cascading failures and virus propagation. Europhysics Letters, 2016, 115, 58004.	2.0	22
102	System crash as dynamics of complex networks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11726-11731.	7.1	80
103	Synchronization of pinning networks with Markovian switching topologies and event-triggered communication. , 2016, , .		0
104	Minimum-cost control of complex networks. New Journal of Physics, 2016, 18, 013012.	2.9	53
105	Two-Stage Mechanism for Massive Electric Vehicle Charging Involving Renewable Energy. IEEE Transactions on Vehicular Technology, 2016, 65, 4159-4171.	6.3	99
106	Network infection source identification under the SIRI model. , 2015, , .		6
107	Fast Distributed Demand Response With Spatially and Temporally Coupled Constraints in Smart Grid. IEEE Transactions on Industrial Informatics, 2015, 11, 1597-1606.	11.3	76
108	Influence of random opinion change in complex networks. , 2015, , .		1

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109	Multimodal fusion for sensor data using stacked autoencoders. , 2015, , .		6
110	An efficient mechanism for dynamic survivable multicast traffic grooming. Optical Fiber Technology, 2015, 23, 1-12.	2.7	2
111	Maximizing lifetime in clustered WSNs with energy harvesting relay: Profiling and modeling. , 2015, , .		5
112	Influences of link cost and routing methods on dynamic multicasting in overlay IP/MPLS over WDM networks. , 2015, , .		1
113	A robust optimization approach for energy generation scheduling in microgrids. Energy Conversion and Management, 2015, 106, 597-607.	9.2	121
114	Event Detection in Wireless Sensor Networks in Random Spatial Sensors Deployments. IEEE Transactions on Signal Processing, 2015, 63, 6122-6135.	5.3	21
115	Action Recognition Using Hierarchical Independent Subspace Analysis with Trajectory. Proceedings in Adaptation, Learning and Optimization, 2015, , 549-559.	1.6	2
116	On early detection of strong infections in complex networks. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 065101.	2.1	4
117	Distributed Event Detection in Sensor Networks under Random Spatial Deployment. , 2014, , .		5
118	Impacts of link-cost and routing methods on overlay network performances for dynamic traffic grooming. , 2014, , .		0
119	An efficient mechanism for dynamic multicast traffic grooming in overlay IP/MPLS over WDM networks. Optical Fiber Technology, 2014, 20, 341-352.	2.7	11
120	Power demand and supply management in microgrids with uncertainties of renewable energies. International Journal of Electrical Power and Energy Systems, 2014, 63, 260-269.	5.5	80
121	Two-stage mechanism design for electric vehicle charging involving renewable energy. , 2014, , .		3
122	Algorithms for finding best locations of cluster heads for minimizing energy consumption in wireless sensor networks. Wireless Networks, 2013, 19, 1755-1768.	3.0	23
123	Clustering algorithms for maximizing the lifetime of wireless sensor networks with energy-harvesting sensors. Computer Networks, 2013, 57, 2689-2704.	5.1	116
124	Historical data learning based dynamic LSP routing for overlay IP/MPLS over WDM networks. Optical Fiber Technology, 2013, 19, 309-318.	2.7	6
125	Link-based formalism for time evolution of adaptive networks. Physical Review E, 2013, 88, 032808.	2.1	15
126	Dynamic Multicast Traffic Grooming in Optical WDM Mesh Networks: Lightpath Versus Light-Tree. Journal of Optical Communications and Networking, 2013, 5, 870.	4.8	12

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127	Connection level segment shared protection for dynamic multicast traffic grooming. , 2013, , .		2
128	Dynamics of competing ideas in complex social systems. New Journal of Physics, 2012, 14, 013015.	2.9	48
129	Performance comparisons between lightpath and light-tree schemes in dynamic multicast traffic grooming process. , 2012, , .		0
130	Epidemic reemergence in adaptive complex networks. Physical Review E, 2012, 85, 036107.	2.1	48
131	Selection of Self-Optimizing Controlled Variables for Dynamic Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 774-779.	0.4	5
132	Design and implementation of a real time locating system utilizing Wi-Fi signals from iPhones. , 2012, , .		2
133	Distributed relay scheduling for maximizing lifetime in clustered wireless sensor networks. , 2012, , .		3
134	Epidemics spreading in interconnected complex networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2689-2696.	2.1	28
135	Self-clocking principle for congestion control in the Internet. Automatica, 2012, 48, 425-429.	5.0	3
136	Local self-optimizing control of constrained processes. Journal of Process Control, 2012, 22, 488-493.	3.3	30
137	Evaluating Temporal Factors in Combined Interventions of Workforce Shift and School Closure for Mitigating the Spread of Influenza. PLoS ONE, 2012, 7, e32203.	2.5	18
138	On imperfect node protection in complex communication networks. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 055101.	2.1	2
139	Effects of node protections against intentional attack in complex communication networks. , 2011, , .		2
140	Analytical Proportional~Integral (PI) Controller Tuning Using Closed-Loop Setpoint Response. Industrial & Engineering Chemistry Research, 2011, 50, 2461-2466.	3.7	8
141	PID controller design based on two-degrees-of-freedom direct synthesis. , 2011, , .		15
142	A preliminary study on lifetime maximization in clustered wireless sensor networks with energy harvesting nodes. , 2011, , .		7
143	Effects of fear factors in disease propagation. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 355101.	2.1	7
144	Local Self-optimizing Control with Input and Output Constraints. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 9850-9855.	0.4	2

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145	Temporal factors in school closure policy for mitigating the spread of influenza. <i>Journal of Public Health Policy</i> , 2011, 32, 180-197.	2.0	12
146	Upgrading unicast nodes to multicast-capable nodes in all-optical networks. <i>Computer Networks</i> , 2011, 55, 2005-2021.	5.1	2
147	An analytical method for PID controller tuning with specified gain and phase margins for integral plus time delay processes. <i>ISA Transactions</i> , 2011, 50, 268-276.	5.7	50
148	Effects of Interconnections on Epidemics in Network of Networks. , 2011, , .		14
149	All-optical wavelength multicasting. , 2011, , .		0
150	7Å–10-Gbit/s All-optical Wavelength Multicast based on Cross-gain Modulation and Cascaded Four-wave Mixing Effects in an SOA Using Single Pump Laser Source. , 2011, , .		0
151	Design of a 100Tb/s Multicast-capable Optical Packet Router (Invited). , 2010, , .		0
152	Generation of arbitrary two-point correlated directed networks with given modularity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 3129-3135.	2.1	11
153	EDITORIAL: BEYOND SMALL-WORLD AND SCALE-FREE NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2010, 13, 1-2.	1.4	0
154	Simple analytic formulas for PID tuning. , 2010, , .		8
155	Placement of Multicast Capable Nodes in Power Constrained All-Optical WDM Networks. , 2010, , .		0
156	Robustness of scale-free networks under rewiring operations. <i>Europhysics Letters</i> , 2010, 89, 38002.	2.0	25
157	Tolerance of local information-based intentional attacks in complex networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 335101.	2.1	5
158	Decentralized Control System Design for MIMO Processes with Integrators/Differentiators. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 12521-12528.	3.7	19
159	All-optical modulation-transparent wavelength multicasting in a highly nonlinear fiber Sagnac loop mirror. <i>Optics Express</i> , 2010, 18, 10343.	3.4	15
160	Performance Comparison of Using SOA and HNLF as FWM Medium in a Wavelength Multicasting Scheme With Reduced Polarization Sensitivity. <i>Journal of Lightwave Technology</i> , 2010, , .	4.6	13
161	Relative gain array for MIMO processes containing integrators and/or differentiators. , 2010, , .		10
162	Optical Wavelength Multicasting Based on Four Wave Mixing in Highly Nonlinear Fiber with Reduced Polarization Sensitivity. , 2010, , .		1

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163	Key node selection for containing infectious disease spread using particle swarm optimization. , 2009, , .		10
164	Design of Congestion Control Based on Instantaneous Queue Sizes in the Routers. , 2009, , .		4
165	On the performance of distributed lightpath provisioning with dynamic routing and wavelength assignment. Photonic Network Communications, 2009, 17, 191-201.	2.7	5
166	Imperfect targeted immunization in scale-free networks. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 2535-2546.	2.6	34
167	The spread of interacting agents in scale-free networks. , 2009, , .		0
168	Efficient Wavelength Assignment Methods for Distributed Lightpath Restorations in Wavelength-Routed Networks. Journal of Lightwave Technology, 2009, 27, 833-840.	4.6	0
169	Stimulate Brillouin Scattering Based Broadband Tunable Slow-Light Conversion in a Highly Nonlinear Photonic Crystal Fiber. Journal of Lightwave Technology, 2009, 27, 1279-1285.	4.6	9
170	Multiuser Detection for Decode-and-Forward Cooperative Relaying in DS-CDMA Systems. , 2009, , .		3
171	Historical data learning based dynamic LSP routing for overlay IP over WDM networks. , 2009, , .		3
172	HPCgen A Fast Generator of Contact Networks of Large Urban Cities for Epidemiological Studies. , 2009, , .		7
173	A Preliminary Study on the Effects of Fear Factors in Disease Propagation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1387-1397.	0.3	0
174	Pump-Suppressed Nondegenerate Four-Wave Mixing in a Highly Nonlinear Photonic Crystal Fiber Sagnac Loop. IEEE Photonics Technology Letters, 2008, 20, 2129-2131.	2.5	5
175	Tolerance of intentional attacks in complex communication networks. , 2008, 46, 146-152.		41
176	Broad-band tunable four wave mixing based wavelength converter with filterless pump suppression. , 2008, , .		0
177	Modeling of distortion for arbitrary packet loss patterns in video transmission. , 2008, , .		0
178	Robustness of complex communication networks under link attacks. , 2008, , .		9
179	Energy-efficient clustering for ad-hoc transmission in wireless sensor networks. , 2008, , .		0
180	Design Principles and Formulation for Optical SMART Networks. , 2007, , .		2

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181	On Traffic Allocations in Optical Packet Switches. IEEE Journal on Selected Areas in Communications, 2007, 25, 108-117.	14.0	10
182	An Evaluation of Distributed Parallel Reservations in Wavelength-Routed Networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 27-39.	14.0	11
183	Evolutionary Algorithms Refining a Heuristic: A Hybrid Method for Shared-Path Protections in WDM Networks Under SRLG Constraints. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 51-61.	5.0	30
184	On local link repairing in complex communication networks under intentional attack. , 2007, , .		3
185	An efficient wavelength assignment method for distributed lightpath restoration in wavelength-routed networks. , 2007, , .		1
186	Performance evaluation of multi-fiber optical packet switches. Computer Networks, 2007, 51, 995-1012.	5.1	6
187	On the performance of different node configurations in multi-fiber optical packet-switched networks. Photonic Network Communications, 2007, 14, 11-22.	2.7	5
188	Algorithms for Energy-Efficient Clustering in Wireless Sensor Networks. , 2006, , .		3
189	NISp1-06: On Intentional Attacks and Protections in Complex Communication Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	1
190	The Performance of Periodic Link-State Update in Wavelength-Routed Networks. , 2006, , .		3
191	Robustness of Complex Communication Networks under Rewiring Operations. , 2006, , .		11
192	A novel method of link-state update in wavelength-routed networks. Journal of Lightwave Technology, 2006, 24, 1112-1120.	4.6	10
193	Benefits of advertising wavelength availability in distributed lightpath establishment. Computer Networks, 2006, 50, 2364-2379.	5.1	14
194	A network flow approach for static and dynamic traffic grooming in WDM networks. Computer Networks, 2006, 50, 3400-3415.	5.1	5
195	Hybrid protection in WDM networks with shared risk link groups. Photonic Network Communications, 2006, 12, 295-307.	2.7	6
196	Heuristics for Diverse Routing in Wavelength-Routed Networks with Shared Risk Link Groups. Photonic Network Communications, 2006, 11, 29-38.	2.7	7
197	A new contention-resolution scheme for time-critical applications in multifiber optical packet-switched networks. Microwave and Optical Technology Letters, 2006, 48, 717-719.	1.4	1
198	Evaluating link-state update triggers in wavelength-routed networks. , 2005, , .		10

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199	Analysis of blocking probability for distributed lightpath establishment in WDM optical networks. IEEE/ACM Transactions on Networking, 2005, 13, 187-197.	3.8	76
200	Hybrid protection in WDM networks with shared risk link groups. , 2005, , .		0
201	Fixed-wavelength conversion for contention resolution in optical packet switches. Microwave and Optical Technology Letters, 2004, 41, 185-187.	1.4	0
202	On the benefits of multifiber optical packet switch. Microwave and Optical Technology Letters, 2004, 43, 376-378.	1.4	20
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