

# Jianping Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180 papers	3,244 citations	28 h-index	50 g-index
215 ext. papers	4,051 ext. citations	5.7 avg, IF	5.58 L-index

#	Paper	IF	Citations
180	Integrating Algorithmic Sampling-Based Motion Planning with Learning in Autonomous Driving. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2022</b> , 13, 1-27	8	0
179	PLVER: Joint Stable Allocation and Content Replication for Edge-Assisted Live Video Delivery. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2022</b> , 33, 218-230	3.7	1
178	SNIFF: A Scalable Network Inference Framework for Measuring End-to-End Performance. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	2
177	Grafnet: Using Graph Neural Networks to Create Table-Less Routers. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	0
176	CPA-MAC: A Collision Prediction and Avoidance MAC for Safety Message Dissemination in MEC-Assisted VANETs. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	1
175	SafeDriving: An Effective Abnormal Driving Behavior Detection System based on EMG Signals. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	2
174	Joint Sleep and Rate Scheduling with Booting Costs for Energy Harvesting Communication Systems. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	
173	Bound Inference and Reinforcement Learning-Based Path Construction in Bandwidth Tomography. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 1-14	3.8	
172	Attacking Black-box Recommendations via Copying Cross-domain User Profiles <b>2021</b> ,		4
171	Controlling the Maximum Link Estimation Error in Network Performance Tomography <b>2021</b> ,		1
170	A Distributed Truthful Auction Mechanism for Task Allocation in Mobile Cloud Computing. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 14, 628-638	4.8	18
169	Multi-Scale LSTM Model for BGP Anomaly Classification. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 14, 765-778	4.8	16
168	Leveraging Multiplexing Gain in Network Slice Bundles. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 149-162	4.9	
167	Detecting and Identifying Optical Signal Attacks on Autonomous Driving Systems. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1140-1153	10.7	3
166	GSAN: Graph Self-Attention Network for Learning Spatial-Temporal Interaction Representation in Autonomous Driving. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
165	Evaluating Adversarial Attacks on Driving Safety in Vision-Based Autonomous Vehicles. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	2
164	Optimal Task Allocation and Coding Design for Secure Edge Computing with Heterogeneous Edge Devices. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 1-1	3.3	1

163	Game-based incentive mechanism for enabling edge video caching over passive optical networks. <i>Computer Communications</i> , <b>2021</b> , 175, 91-101	5.1	1
162	User Clustering and Power Allocation for Energy Efficiency Maximization in Downlink Non-Orthogonal Multiple Access Systems. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 716	2.6	1
161	Bound Inference in Network Performance Tomography With Additive Metrics. <i>IEEE/ACM Transactions on Networking</i> , <b>2020</b> , 28, 1859-1871	3.8	0
160	Adversarial Attacks and Defenses on CyberPhysical Systems: A Survey. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 5103-5115	10.7	16
159	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	7
158	Rldish: Edge-Assisted QoE Optimization of HTTP Live Streaming with Reinforcement Learning <b>2020</b> , ,		6
157	Joint Task Offloading and Payment Determination for Mobile Edge Computing: A Stable Matching Based Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 12148-12161	6.8	5
156	Deep Adversarial Canonical Correlation Analysis <b>2020</b> , 352-360		2
155	Providing Service Continuity in Clouds Under Power Outage. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 13, 930-943	4.8	0
154	Learning-Based Dynamic Resource Provisioning for Network Slicing with Ensured End-to-End Performance Bound. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 28-41	4.9	10
153	Deep social collaborative filtering <b>2019</b> ,		26
152	Bound-based Network Tomography with Additive Metrics <b>2019</b> ,		7
151	PTrack: Enhancing the Applicability of Pedestrian Tracking with Wearables. <i>IEEE Transactions on Mobile Computing</i> , <b>2019</b> , 18, 431-443	4.6	17
150	Deep Adversarial Social Recommendation <b>2019</b> ,		19
149	MarVeLScaler: A Multi-View Learning based Auto-Scaling System for MapReduce. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 1-1	3.3	3
148	SNIFF: A Scalable Network Inference Framework for Measuring End-to-End Performance Based on Matrix Completion <b>2019</b> ,		2
147	SpliceFinder: ab initio prediction of splice sites using convolutional neural network. <i>BMC Bioinformatics</i> , <b>2019</b> , 20, 652	3.6	17
146	Optimal Task Allocation and Coding Design for Secure Coded Edge Computing <b>2019</b> ,		2

145	Enhancing the Anonymity in Information Diffusion Based on Obfuscated Coded Data. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2019</b> , 6, 968-982	4.9	1
144	A Provident Resource Defragmentation Framework for Mobile Cloud Computing. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2018</b> , 6, 32-44	4.1	7
143	Whispers in the cloud storage: A novel cross-user deduplication-based covert channel design. <i>Peer-to-Peer Networking and Applications</i> , <b>2018</b> , 11, 277-286	3.1	6
142	Construction and Mitigation of User-Behavior-Based Covert Channels on Smartphones. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 44-57	4.6	10
141	Non-Payment Incentive Mechanism Design for Resource Allocation in a Private Cloud System. <i>IEEE Access</i> , <b>2018</b> , 6, 44147-44160	3.5	
140	Weakly Secure Coded Distributed Computing <b>2018</b> ,		3
139	On the Optimal Monitor Placement for Inferring Additive Metrics of Interested Paths <b>2018</b> ,		5
138	Resource Capacity Analysis in Network Slicing with Ensured End-to-End Performance Bound <b>2018</b> ,		2
137	Efficient Orchestration Mechanisms for Congestion Mitigation in NFV: Models and Algorithms. <i>IEEE Transactions on Services Computing</i> , <b>2017</b> , 10, 534-546	4.8	19
136	. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 128-139	4.3	68
135	Incentive Mechanism Design to Meet Task Criteria in Crowdsourcing: How to Determine Your Budget. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 502-516	14.2	20
134	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9394-9409	6.8	33
133	Message dissemination scheduling for multiple cooperative drivings <b>2017</b> ,		1
132	PTrack: Enhancing the Applicability of Pedestrian Tracking with Wearables <b>2017</b> ,		20
131	Online Resource Scheduling Under Concave Pricing for Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 1131-1145	3.7	32
130	Optimal local data exchange in fiber-wireless access network: A joint network coding and device association design <b>2016</b> ,		2
129	Copula Analysis of Latent Dependency Structure for Collaborative Auto-Scaling of Cloud Services <b>2016</b> ,		4
128	A Generic Mitigation Framework against Cross-VM Covert Channels <b>2016</b> ,		3

127	Energy-Efficient Transmission With Data Sharing in Participatory Sensing Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 4048-4062	14.2	8
126	. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 5074-5091	4	1
125	Accuracy-Aware Interference Modeling and Measurement in Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2016</b> , 15, 278-291	4.6	25
124	. <i>IEEE Communications Surveys and Tutorials</i> , <b>2016</b> , 18, 263-284	37.1	376
123	A new approach to mitigating security risks of phone clone co-location over mobile clouds. <i>Journal of Network and Computer Applications</i> , <b>2016</b> , 62, 171-184	7.9	7
122	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7621-7633	6.8	2
121	On the optimal design of secure network coding against wiretapping attack. <i>Computer Networks</i> , <b>2016</b> , 99, 82-98	5.4	5
120	MS-LSTM: A multi-scale LSTM model for BGP anomaly detection <b>2016</b> ,		22
119	. <i>IEEE Transactions on Multimedia</i> , <b>2016</b> , 18, 1149-1162	6.6	8
118	When group-buying meets cloud computing <b>2016</b> ,		7
117	VANDER: Efficient Cooperative Watchdog Monitoring for Lossy Wireless Network Coding. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 702-713	6.8	1
116	On Mitigating the Risk of Cross-VM Covert Channels in a Public Cloud. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 2327-2339	3.7	19
115	A novel high-speed IP-timing covert channel: Design and evaluation <b>2015</b> ,		6
114	On optimal diversity in network-coding-based routing in wireless networks <b>2015</b> ,		13
113	Scalable Segment Routing: A New Paradigm for Efficient Service Provider Networking Using Carrier Ethernet Advances. <i>Journal of Optical Communications and Networking</i> , <b>2015</b> , 7, 445	4.1	8
112	Energy-efficient transmission with data sharing <b>2015</b> ,		9
111	A Novel Deduplication-Based Covert Channel in Cloud Storage Service <b>2015</b> ,		4
110	Privacy Leaks When You Play Games: A Novel User-Behavior-Based Covert Channel on Smartphones <b>2015</b> ,		4

109	CAKA: a novel cache-aware K-anycast routing scheme for publish/subscribe-based information-centric network. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 2167-2179	1.7	2
108	OpenSCaaS: an open service chain as a service platform toward the integration of SDN and NFV. <i>IEEE Network</i> , <b>2015</b> , 29, 30-35	11.4	43
107	A Disturbance-Adaptive Design for VANET-Enabled Vehicle Platoon. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 527-539	6.8	53
106	Survivable Virtual Network Design and Embedding to Survive a Facility Node Failure. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 483-493	4	48
105	MAGIC: A distributed MAX-Gain In-network Caching strategy in information-centric networks <b>2014</b> ,		38
104	Improving the Uplink Performance of Drive-Thru Internet via Platoon-Based Cooperative Retransmission. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 4536-4545	6.8	22
103	Online resource scheduling under concave pricing for cloud computing <b>2014</b> ,		2
102	On the network connectivity of platoon-based vehicular cyber-physical systems. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2014</b> , 40, 215-230	8.4	35
101	Least Maintenance Batch Scheduling in Cloud Data Center Networks. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 901-904	3.8	2
100	A Virtualization Layer Approach to Survivability. <i>IEEE Transactions on Network and Service Management</i> , <b>2014</b> , 11, 504-515	4.8	2
99	Information-centric networking beyond baseline scenarios: research advances and implementation [Guest Editorial]. <i>IEEE Network</i> , <b>2014</b> , 28, 2-3	11.4	
98	Cross-VM Covert Channel Risk Assessment for Cloud Computing: An Automated Capacity Profiler <b>2014</b> ,		3
97	An optimal Cache management framework for information-centric networks with network coding <b>2014</b> ,		22
96	SD-ICN: An interoperable deployment framework for software-defined information-centric networks <b>2014</b> ,		6
95	Regional Failure-Resilient Virtual Infrastructure Mapping in a Federated Computing and Networking System. <i>Journal of Optical Communications and Networking</i> , <b>2014</b> , 6, 997	4.1	11
94	SWAP: Security aware provisioning and migration of phone clones over mobile clouds <b>2014</b> ,		1
93	Optimization Models for Congestion Mitigation in Virtual Networks <b>2014</b> ,		9
92	On Swarm Intelligence Inspired Self-Organized Networking: Its Bionic Mechanisms, Designing Principles and Optimization Approaches. <i>IEEE Communications Surveys and Tutorials</i> , <b>2014</b> , 16, 513-537	37.1	138

91	News impact on stock price return via sentiment analysis. <i>Knowledge-Based Systems</i> , <b>2014</b> , 69, 14-23	7.3	230
90	Coordinated resource provisioning and maintenance scheduling in cloud data centers <b>2013</b> ,		12
89	Modeling and Optimal Design of Linear Network Coding for Secure Unicast with Multiple Streams. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2013</b> , 24, 2025-2035	3.7	12
88	<b>2013</b> ,		7
87	WizNet: A ZigBee-based sensor system for distributed wireless LAN performance monitoring <b>2013</b> ,		2
86	GKAR: A Novel Geographic K-anycast Routing for Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2013</b> , 24, 916-925	3.7	11
85	Self-organization paradigms and optimization approaches for cognitive radio technologies: a survey. <i>IEEE Wireless Communications</i> , <b>2013</b> , 20, 36-42	13.4	119
84	Untraceability of mobile devices in wireless mesh networks using linear network coding <b>2013</b> ,		5
83	Optimization algorithms for epidemic evolution in broadcast networks <b>2013</b> ,		1
82	On the Throughput Capacity of Wireless Sensor Networks With Mobile Relays. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 1801-1809	6.8	23
81	Performance Analysis of Wireless Sensor Networks With Mobile Sinks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 2777-2788	6.8	56
80	Network Coding Based Schemes for Imperfect Wireless Packet Retransmission Problems: A Divide and Conquer Approach. <i>Wireless Personal Communications</i> , <b>2012</b> , 62, 937-958	1.9	2
79	Dispatching design for storage-centric wireless sensor networks. <i>Journal of Combinatorial Optimization</i> , <b>2012</b> , 24, 485-507	0.9	2
78	An Efficient Coding Scheme Designed for N+k Protection in Wireless Mesh Networks. <i>IEEE Communications Letters</i> , <b>2012</b> , 16, 1266-1269	3.8	4
77	. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 88-96	9.6	4
76	Exploiting Data Fusion to Improve the Coverage of Wireless Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2012</b> , 20, 450-462	3.8	92
75	MaxDiv: an optimal randomized spectrum access with maximum diversity scheme for cognitive radio networks. <i>International Journal of Communication Systems</i> , <b>2012</b> , 25, 832-848	1.7	8
74	On the relay selection for cooperative wireless networks with physical-layer network coding. <i>Wireless Networks</i> , <b>2012</b> , 18, 653-665	2.5	4

73	Optimal resource allocation to defend against deliberate attacks in networking infrastructures <b>2012</b> ,		4
72	Extending Light-Trails to Regional Networks: Multi-hop Light-Trails (MLT) System Design and Performance. <i>Journal of Optical Communications and Networking</i> , <b>2012</b> , 4, 1046	4.1	12
71	Performance Analysis of Real-Time Detection in Fusion-Based Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2011</b> , 22, 1564-1577	3.7	13
70	On progressive network recovery after a major disruption <b>2011</b> ,		45
69	Accuracy-Aware Interference Modeling and Measurement in Wireless Sensor Networks <b>2011</b> ,		13
68	Mitigating Packet Reordering in FiWi Networks. <i>Journal of Optical Communications and Networking</i> , <b>2011</b> , 3, 134	4.1	18
67	Read More with Less: An Adaptive Approach to Energy-Efficient RFID Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2011</b> , 29, 1684-1697	14.2	20
66	Exploiting Mobility Prediction for Dependable Service Composition in Wireless Mobile Ad Hoc Networks. <i>IEEE Transactions on Services Computing</i> , <b>2011</b> , 4, 44-55	4.8	37
65	CAPF: coded anycast packet forwarding for wireless mesh networks. <i>Wireless Networks</i> , <b>2011</b> , 17, 1273-1285	12.5	2
64	FNMGSDP: An Optimized Group-Based Service Discovery Protocol for MANETs. <i>Wireless Personal Communications</i> , <b>2011</b> , 57, 137-162	1.9	1
63	Minimum cost service composition in service overlay networks. <i>World Wide Web</i> , <b>2011</b> , 14, 75-103	2.9	11
62	Contention-tolerant crossbar packet switches. <i>International Journal of Communication Systems</i> , <b>2011</b> , 24, 168-184	1.7	6
61	Anonymous communication with network coding against traffic analysis attack <b>2011</b> ,		10
60	Optimal Design of Linear Network Coding for information theoretically secure unicast <b>2011</b> ,		10
59	Coding-Based Data Broadcast Scheduling in On-Demand Broadcast. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3774-3783	9.6	38
58	Achieving the capacity bounds of multicast in large-scale wireless networks <b>2010</b> ,		4
57	Performance Modeling and Analysis of Multi-Path Routing in Integrated Fiber-Wireless Networks <b>2010</b> ,		9
56	Minimizing the Worst-Case Playback Delay in VoD Services over Passive Optical Networks <b>2010</b> ,		2



55	Negotiate power and performance in the reality of RFID systems <b>2010</b> ,		2
54	Data Dissemination in Wireless Sensor Networks with Network Coding. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2010</b> , 2010,	3.2	22
53	On guaranteed VoD services in next generation optical access networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2010</b> , 28, 875-888	14.2	11
52	Passive interference measurement in Wireless Sensor Networks <b>2010</b> ,		34
51	Integrated Fiber-Wireless (FiWi) Access Networks Supporting Inter-ONU Communications. <i>Journal of Lightwave Technology</i> , <b>2010</b> , 28, 714-724	4	41
50	A direct cross-talk between interferon-gamma and sonic hedgehog signaling that leads to the proliferation of neuronal precursor cells. <i>Brain, Behavior, and Immunity</i> , <b>2010</b> , 24, 220-8	16.6	25
49	Queueing Analysis of Multi-Layer Contention-Tolerant Crossbar Switch. <i>IEEE Communications Letters</i> , <b>2010</b> , 14, 972-974	3.8	1
48	Multihop Range-Free Localization in Anisotropic Wireless Sensor Networks: A Pattern-Driven Scheme. <i>IEEE Transactions on Mobile Computing</i> , <b>2010</b> , 9, 1592-1607	4.6	69
47	Mobile Scheduling for Spatiotemporal Detection in Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2010</b> , 21, 1851-1866	3.7	22
46	Exploiting Reactive Mobility for Collaborative Target Detection in Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2010</b> , 9, 317-332	4.6	59
45	. <i>IEEE/ACM Transactions on Networking</i> , <b>2010</b> , 18, 1436-1449	3.8	6
44	Efficient Coverage Maintenance Based on Probabilistic Distributed Detection. <i>IEEE Transactions on Mobile Computing</i> , <b>2010</b> , 9, 1346-1360	4.6	11
43	On Achieving Maximum Secure Throughput Using Network Coding against Wiretap Attack <b>2010</b> ,		11
42	Designing fully distributed scheduling algorithms for contention-tolerant crossbar switches <b>2010</b> ,		1
41	Optimal Linear Network Coding Design for Secure Unicast with Multiple Streams <b>2010</b> ,		17
40	Cross-Layer Sleep Scheduling Design in Service-Oriented Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2010</b> , 9, 1622-1633	4.6	29
39	Analysis of Quality of Surveillance in fusion-based sensor networks <b>2010</b> ,		5
38	On Mitigating Packet Reordering in FiWi Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2010</b> , 89-102	0.2	

37	Impact of Data Fusion on Real-Time Detection in Sensor Networks <b>2009</b> ,		20
36	Opportunistic Optical Hyperchannel and Its Distributed QoS Assuring Access Control. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2009</b> , 20, 1626-1640	3.7	6
35	ONU Placement in Fiber-Wireless (FiWi) Networks Considering Peer-to-Peer Communications <b>2009</b> ,		30
34	Data fusion improves the coverage of wireless sensor networks <b>2009</b> ,		84
33	Fully distributed work-conserving MAC protocols for opportunistic optical hyperchannels. <i>IEEE Transactions on Communications</i> , <b>2009</b> , 57, 3691-3702	6.9	6
32	Traffic regulation with single- and dual-homed ISPs under a percentile-based pricing policy. <i>Journal of Combinatorial Optimization</i> , <b>2009</b> , 17, 247-273	0.9	2
31	Almost optimal distributed M2M multicasting in Wireless Mesh Networks <b>2009</b> ,		2
30	A Study of Network Throughput Gain in Optical-Wireless (FiWi) Networks Subject to Peer-to-Peer Communications <b>2009</b> ,		25
29	Reliable multicast in wireless networks using network coding <b>2009</b> ,		4
28	Service Composition in Service-Oriented Wireless Sensor Networks with Persistent Queries <b>2009</b> ,		8
27	BR-Tree: A Scalable Prototype for Supporting Multiple Queries of Multidimensional Data. <i>IEEE Transactions on Computers</i> , <b>2009</b> , 58, 1585-1598	2.5	18
26	Interferon- $\beta$ Molecular Signaling Pathways and Behavior <b>2009</b> , 71-85		
25	DynaSPOT: Dynamic Services Provisioned Optical Transport Test-Bed Achieving Multirate Multiservice Dynamic Provisioning Using Strongly Connected Light-Trail (SLIT) Technology. <i>Journal of Lightwave Technology</i> , <b>2008</b> , 26, 183-195	4	8
24	Performance Analysis of Dual-Homed Fault-Tolerant Routing in Wireless Sensor Networks <b>2008</b> ,		6
23	Mobility-Assisted Spatiotemporal Detection in Wireless Sensor Networks <b>2008</b> ,		17
22	High-performance TCAM-based IP lookup engines <b>2008</b> ,		1
21	CAVALIER architecture for metro Data Center Networking <b>2008</b> ,		3
20	. <i>IEEE Transactions on Multimedia</i> , <b>2008</b> , 10, 1393-1405	6.6	3

19	Collaborative Target Detection in Wireless Sensor Networks with Reactive Mobility. <i>IEEE International Workshop on Quality of Service</i> , <b>2008</b> ,		14
18	Fast Sensor Placement Algorithms for Fusion-Based Target Detection <b>2008</b> ,		25
17	Multicast Routing in Light-Trail WDM Networks <b>2008</b> ,		8
16	Fault Tolerant Service Composition in Service Overlay Networks <b>2008</b> ,		4
15	1-Persistent Collision-Free CSMA Protocols for Opportunistic Optical Hyperchannels <b>2008</b> , 144-156		
14	Wavelength assignment for multicast in all-optical WDM networks with splitting constraints. <i>IEEE/ACM Transactions on Networking</i> , <b>2006</b> , 14, 169-182	3.8	21
13	Dual-Homing Based Scalable Partial Multicast Protection. <i>IEEE Transactions on Computers</i> , <b>2006</b> , 55, 1130-1141	15.41	17
12	Optimal Remote Homing for Providing Service Differentiation in Information-Aware Multi-Layered Wireless Sensor Networks <b>2006</b> ,		4
11	Routing and wavelength assignment for core-based tree in WDM networks. <i>Computer Communications</i> , <b>2006</b> , 29, 1896-1904	5.1	4
10	. <i>Journal of Lightwave Technology</i> , <b>2005</b> , 23, 3111-3124	4	13
9	Innate STAT1-dependent genomic response of neurons to the antiviral cytokine alpha interferon. <i>Journal of Virology</i> , <b>2005</b> , 79, 8295-302	6.6	71
8	Inducible production of interferon-gamma in the developing brain causes cerebellar dysplasia with activation of the Sonic hedgehog pathway. <i>Molecular and Cellular Neurosciences</i> , <b>2004</b> , 27, 489-96	4.8	57
7	Hybrid switching and p-routing for optical burst switching networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2003</b> , 21, 1071-1080	14.2	12
6	Dynamic wavelength assignment for multicast in all-optical WDM networks to maximize the network capacity. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2003</b> , 21, 1274-1284	14.2	22
5	STAT1 deficiency unexpectedly and markedly exacerbates the pathophysiological actions of IFN-alpha in the central nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 16209-14	11.5	47
4	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2002</b> , 20, 97-109	14.2	63
3	On finding the best partial multicast protection tree under dual-homing architecture		2
2	Coordinated robust routing by dual cluster heads in layered wireless sensor networks		2

1	Dual-homing multicast protection
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