

Xiaohua Jia

List of Publications by Year in descending order

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374
papers

10,127
citations

53660

45
h-index

66788

78
g-index

381
all docs

381
docs citations

381
times ranked

5268
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient and Secure Dynamic Auditing Protocol for Data Storage in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1717-1726.	4.0	465
2	Achieving convergence, causality preservation, and intention preservation in real-time cooperative editing systems. ACM Transactions on Computer-Human Interaction, 1998, 5, 63-108.	4.6	447
3	Expressive, Efficient, and Revocable Data Access Control for Multi-Authority Cloud Storage. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1735-1744.	4.0	212
4	DAC-MACS: Effective Data Access Control for Multiauthority Cloud Storage Systems. IEEE Transactions on Information Forensics and Security, 2013, 8, 1790-1801.	4.5	211
5	Minimum-latency aggregation scheduling in multihop wireless networks. , 2009, , .		209
6	Minimum connected dominating sets and maximal independent sets in unit disk graphs. Theoretical Computer Science, 2006, 352, 1-7.	0.5	208
7	Wireless Sensor Networks with Energy Efficient Organization. Journal of Interconnection Networks, 2002, 03, 213-229.	0.6	203
8	A greedy approximation for minimum connected dominating sets. Theoretical Computer Science, 2004, 329, 325-330.	0.5	191
9	Data storage auditing service in cloud computing: challenges, methods and opportunities. World Wide Web, 2012, 15, 409-428.	2.7	185
10	Exploiting Data Fusion to Improve the Coverage of Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2012, 20, 450-462.	2.6	137
11	A distributed algorithm of delay-bounded multicast routing for multimedia applications in wide area networks. IEEE/ACM Transactions on Networking, 1998, 6, 828-837.	2.6	134
12	Improving Construction for Connected Dominating Set with Steiner Tree in Wireless Sensor Networks. Journal of Global Optimization, 2006, 35, 111-119.	1.1	128
13	Transmission-Efficient Clustering Method for Wireless Sensor Networks Using Compressive Sensing. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 806-815.	4.0	128
14	Energy efficient broadcast routing in static ad hoc wireless networks. IEEE Transactions on Mobile Computing, 2004, 3, 144-151.	3.9	118
15	Virtual backbone construction in multihop ad hoc wireless networks. Wireless Communications and Mobile Computing, 2006, 6, 183-190.	0.8	117
16	Data fusion improves the coverage of wireless sensor networks. , 2009, , .		112
17	Optimal path embedding in crossed cubes. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 1190-1200.	4.0	95
18	Attribute-based fine-grained access control with efficient revocation in cloud storage systems. , 2013, , .		95

#	ARTICLE	IF	CITATIONS
19	DAC-MACS: Effective data access control for multi-authority cloud storage systems. , 2013, , .		95
20	Maintaining Large-Scale Rechargeable Sensor Networks Perpetually via Multiple Mobile Charging Vehicles. ACM Transactions on Sensor Networks, 2016, 12, 1-26.	2.3	94
21	Secure and Verifiable Policy Update Outsourcing for Big Data Access Control in the Cloud. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3461-3470.	4.0	92
22	Coverage problems in wireless sensor networks: designs and analysis. International Journal of Sensor Networks, 2008, 3, 191.	0.2	87
23	A scalable quorum-based location service in ad hoc and sensor networks. International Journal of Communication Networks and Distributed Systems, 2008, 1, 71.	0.3	87
24	Optimization of wavelength assignment for QoS multicast in WDM networks. IEEE Transactions on Communications, 2001, 49, 341-350.	4.9	86
25	Maximizing Sensor Lifetime with the Minimal Service Cost of a Mobile Charger in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 2564-2577.	3.9	86
26	Analysis of dynamic location management for PCS networks. IEEE Transactions on Vehicular Technology, 2002, 51, 1109-1119.	3.9	85
27	Edge-pancyclicity and path-embeddability of bijective connection graphs. Information Sciences, 2008, 178, 340-351.	4.0	85
28	Time-Domain Attribute-Based Access Control for Cloud-Based Video Content Sharing: A Cryptographic Approach. IEEE Transactions on Multimedia, 2016, 18, 940-950.	5.2	83
29	Privacy-Preserving Task Recommendation Services for Crowdsourcing. IEEE Transactions on Services Computing, 2019, , 1-1.	3.2	82
30	Node-pancyclicity and edge-pancyclicity of crossed cubes. Information Processing Letters, 2005, 93, 133-138.	0.4	77
31	Wireless link scheduling under physical interference model. , 2011, , .		76
32	A Distributed Efficient Flow Control Scheme for Multirate Multicast Networks. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 1254-1266.	4.0	75
33	<i>Ride</i>: Privacy-Preserving Ride Matching Over Road Networks for Online Ride-Hailing Service. IEEE Transactions on Information Forensics and Security, 2019, 14, 1791-1802.	4.5	71
34	Energy efficient distributed connected dominating sets construction in wireless sensor networks. , 2006, , .		70
35	Maximizing Lifetime of Sensor Surveillance Systems. IEEE/ACM Transactions on Networking, 2007, 15, 334-345.	2.6	69
36	A Distributed and Efficient Flooding Scheme Using 1-Hop Information in Mobile Ad Hoc Networks. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 658-671.	4.0	69

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37	Attributed-Based Access Control for Multi-authority Systems in Cloud Storage. , 2012, , .		67
38	Complete path embeddings in crossed cubes. Information Sciences, 2006, 176, 3332-3346.	4.0	65
39	Privacy-preserving attribute-keyword based data publish-subscribe service on cloud platforms. Information Sciences, 2017, 387, 116-131.	4.0	65
40	QoS multicast routing by using multiple paths/trees in wireless ad hoc networks. Ad Hoc Networks, 2007, 5, 600-612.	3.4	64
41	Minimizing Energy Cost by Dynamic Switching ON/OFF Base Stations in Cellular Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7457-7469.	6.1	59
42	Power Assignment for k-Connectivity in Wireless Ad Hoc Networks. Journal of Combinatorial Optimization, 2005, 9, 213-222.	0.8	56
43	Optimal Embeddings of Paths with Various Lengths in Twisted Cubes. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 511-521.	4.0	56
44	Embedding meshes into crossed cubes. Information Sciences, 2007, 177, 3151-3160.	4.0	56
45	Reliability-Aware Network Service Provisioning in Mobile Edge-Cloud Networks. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1545-1558.	4.0	53
46	Maximal lifetime scheduling in sensor surveillance networks. , 0, , .		52
47	Maximal Lifetime Scheduling for Sensor Surveillance Systems with K Sensors to One Target. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 1526-1536.	4.0	52
48	Optimal fault-tolerant embedding of paths in twisted cubes. Journal of Parallel and Distributed Computing, 2007, 67, 205-214.	2.7	50
49	Embedding of Cycles in Twisted Cubes with Edge-Pancyclic. Algorithmica, 2008, 51, 264-282.	1.0	49
50	Efficient unicast in bijective connection networks with the restricted faulty node set. Information Sciences, 2011, 181, 2303-2315.	4.0	49
51	Characterizing Information Diffusion in Online Social Networks with Linear Diffusive Model. , 2013, , .		49
52	Anonymous Privacy-Preserving Task Matching in Crowdsourcing. IEEE Internet of Things Journal, 2018, 5, 3068-3078.	5.5	49
53	Minimizing the Maximum Charging Delay of Multiple Mobile Chargers Under the Multi-Node Energy Charging Scheme. IEEE Transactions on Mobile Computing, 2021, 20, 1846-1861.	3.9	49
54	QoS multicast routing in cognitive radio ad hoc networks. International Journal of Communication Systems, 2012, 25, 30-46.	1.6	48

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55	The extra connectivity, extra conditional diagnosability and t/k -diagnosability of the data center network DCell. <i>Theoretical Computer Science</i> , 2019, 766, 16-29.	0.5	48
56	Maximal lifetime scheduling for K to 1 sensor target surveillance networks. <i>Computer Networks</i> , 2006, 50, 2839-2854.	3.2	47
57	A Scalable Quorum Based Location Service in Ad Hoc and Sensor Networks. , 2006, , .		46
58	Releasing Correlated Trajectories: Towards High Utility and Optimal Differential Privacy. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2020, 17, 1109-1123.	3.7	44
59	Energy efficient routing and scheduling for real-time data aggregation in WSNs. <i>Computer Communications</i> , 2006, 29, 3527-3535.	3.1	43
60	The spined cube: A new hypercube variant with smaller diameter. <i>Information Processing Letters</i> , 2011, 111, 561-567.	0.4	43
61	Enabling efficient access control with dynamic policy updating for big data in the cloud. , 2014, , .		43
62	QoS-Guaranteed Controller Placement in SDN. , 2015, , .		43
63	Real time cooperative editing on the Internet. <i>IEEE Internet Computing</i> , 2000, 4, 18-25.	3.2	42
64	Mobility-Aware and Delay-Sensitive Service Provisioning in Mobile Edge-Cloud Networks. <i>IEEE Transactions on Mobile Computing</i> , 2020, , 1-1.	3.9	42
65	A group multicast routing algorithm by using multiple minimum Steiner trees. <i>Computer Communications</i> , 1997, 20, 750-758.	3.1	41
66	Minimizing number of wavelengths in multicast routing trees in WDM networks. <i>Networks</i> , 2000, 35, 260-265.	1.6	41
67	Power assignment for k -connectivity in wireless ad hoc networks. , 0, , .		41
68	Capacity of dual-radio multi-channel wireless sensor networks for continuous data collection. , 2011, , .		41
69	Nonredundant Information Collection in Rescue Applications via an Energy-Constrained UAV. <i>IEEE Internet of Things Journal</i> , 2019, 6, 2945-2958.	5.5	41
70	An efficient fault-tolerant routing algorithm in bijective connection networks with restricted faulty edges. <i>Theoretical Computer Science</i> , 2011, 412, 3440-3450.	0.5	40
71	Diagnosability Evaluation of the Data Center Network DCell. <i>Computer Journal</i> , 2018, 61, 129-143.	1.5	40
72	Fault-Tolerant Relay Node Placement in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2005, , 230-239.	1.0	39

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73	Energy efficient multicast routing in ad hoc wireless networks. <i>Computer Communications</i> , 2007, 30, 3746-3756.	3.1	39
74	Independent spanning trees on twisted cubes. <i>Journal of Parallel and Distributed Computing</i> , 2012, 72, 58-69.	2.7	39
75	Independent spanning trees in crossed cubes. <i>Information Sciences</i> , 2013, 233, 276-289.	4.0	39
76	EncKV. , 2017, , .		39
77	IpRide: Lightweight and Privacy-Preserving Ride Matching Over Road Networks in Online Ride Hailing Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 10418-10428.	3.9	39
78	A total ordering multicast protocol using propagation trees. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 1995, 6, 617-627.	4.0	38
79	On optimal placement of relay nodes for reliable connectivity in wireless sensor networks. <i>Journal of Combinatorial Optimization</i> , 2006, 11, 249-260.	0.8	38
80	Hamiltonian Properties of DCell Networks. <i>Computer Journal</i> , 2015, 58, 2944-2955.	1.5	38
81	An efficient algorithm to construct disjoint path covers of DCell networks. <i>Theoretical Computer Science</i> , 2016, 609, 197-210.	0.5	38
82	Data Collection Maximization in IoT-Sensor Networks via an Energy-Constrained UAV. <i>IEEE Transactions on Mobile Computing</i> , 2023, 22, 159-174.	3.9	38
83	Converter placement supporting broadcast in WDM optical networks. <i>IEEE Transactions on Computers</i> , 2001, 50, 750-758.	2.4	37
84	An optimization model for placement of wavelength converters to minimize blocking probability in WDM networks. <i>Journal of Lightwave Technology</i> , 2003, 21, 684-694.	2.7	37
85	Dimension-adjacent trees and parallel construction of independent spanning trees on crossed cubes. <i>Journal of Parallel and Distributed Computing</i> , 2013, 73, 641-652.	2.7	37
86	Power Metering for Virtual Machine in Cloud Computing-Challenges and Opportunities. <i>IEEE Access</i> , 2014, 2, 1106-1116.	2.6	37
87	Greening cloud data centers in an economical way by energy trading with power grid. <i>Future Generation Computer Systems</i> , 2018, 78, 89-101.	4.9	37
88	Collaborative Service Placement for Mobile Edge Computing Applications. , 2018, , .		35
89	Embedding complete binary trees into parity cubes. <i>Journal of Supercomputing</i> , 2015, 71, 1-27.	2.4	34
90	A Tree Regression-Based Approach for VM Power Metering. <i>IEEE Access</i> , 2015, 3, 610-621.	2.6	34

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91	Adaptive Online Decision Method for Initial Congestion Window in 5G Mobile Edge Computing Using Deep Reinforcement Learning. IEEE Journal on Selected Areas in Communications, 2020, 38, 389-403.	9.7	34
92	Relationship Between Extra Connectivity And Component Connectivity In Networks. Computer Journal, 2021, 64, 38-53.	1.5	34
93	Parallel construction of independent spanning trees and an application in diagnosis on Möbius cubes. Journal of Supercomputing, 2013, 65, 1279-1301.	2.4	33
94	QoS topology control in ad hoc wireless networks. , 0, , .		32
95	On optimal replication of data object at hierarchical and transparent Web proxies. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 673-685.	4.0	32
96	Energy efficient real-time data aggregation in wireless sensor networks. , 2006, , .		32
97	Monitoring Quality Maximization through Fair Rate Allocation in Harvesting Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1827-1840.	4.0	32
98	Constructive Algorithm of Independent Spanning Trees on Mobius Cubes. Computer Journal, 2013, 56, 1347-1362.	1.5	32
99	Vertex-disjoint paths in DCell networks. Journal of Parallel and Distributed Computing, 2016, 96, 38-44.	2.7	32
100	Proxy-Free Privacy-Preserving Task Matching with Efficient Revocation in Crowdsourcing. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 117-130.	3.7	32
101	Maximum Independent Set of Links under Physical Interference Model. Lecture Notes in Computer Science, 2009, , 169-178.	1.0	32
102	Maximizing Sensor Lifetime in a Rechargeable Sensor Network via Partial Energy Charging on Sensors. , 2016, , .		31
103	Approximation algorithms for conflict-free channel assignment in wireless ad hoc networks. Wireless Communications and Mobile Computing, 2006, 6, 201-211.	0.8	30
104	Embedding meshes into twisted-cubes. Information Sciences, 2011, 181, 3085-3099.	4.0	30
105	An algorithm to construct independent spanning trees on parity cubes. Theoretical Computer Science, 2012, 465, 61-72.	0.5	30
106	Compressive Traffic Monitoring in Hybrid SDN. IEEE Journal on Selected Areas in Communications, 2018, 36, 2731-2743.	9.7	30
107	Mobility-Assisted Spatiotemporal Detection in Wireless Sensor Networks. , 2008, , .		28
108	Maximizing User Service Satisfaction for Delay-Sensitive IoT Applications in Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1199-1212.	4.0	28

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109	FedCrowd: A Federated and Privacy-Preserving Crowdsourcing Platform on Blockchain. IEEE Transactions on Services Computing, 2022, 15, 2060-2073.	3.2	27
110	Topology control for multi-channel multi-radio wireless mesh networks using directional antennas. Wireless Networks, 2011, 17, 41-51.	2.0	26
111	Generalized pattern matching string search on encrypted data in cloud systems. , 2015, , .		26
112	MedShare: A Privacy-Preserving Medical Data Sharing System by Using Blockchain. IEEE Transactions on Services Computing, 2021, , 1-1.	3.2	26
113	Throughput Maximization of UAV Networks. IEEE/ACM Transactions on Networking, 2022, 30, 881-895.	2.6	26
114	A real-time multicast routing algorithm for multimedia applications. Computer Communications, 1997, 20, 1098-1106.	3.1	25
115	Multicast routing, load balancing, and wavelength assignment on tree of rings. IEEE Communications Letters, 2002, 6, 79-81.	2.5	25
116	Dynamic Service Caching in Mobile Edge Networks. , 2018, , .		25
117	Mobile Scheduling for Spatiotemporal Detection in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 1851-1866.	4.0	24
118	Channel assignment for WLAN by considering overlapping channels in SINR interference model. , 2012, , .		24
119	Energy Saving Virtual Machine Allocation in Cloud Computing. , 2013, , .		24
120	Supporting Seamless Virtual Machine Migration via Named Data Networking in Cloud Data Center. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3485-3497.	4.0	24
121	Secure Task Recommendation in Crowdsourcing. , 2016, , .		24
122	PSRide: Privacy-Preserving Shared Ride Matching for Online Ride Hailing Systems. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	3.7	24
123	Verifiable and Forward-secure Encrypted Search Using Blockchain Techniques. , 2020, , .		24
124	Edge-Pancyclicity of Twisted Cubes. Lecture Notes in Computer Science, 2005, , 1090-1099.	1.0	24
125	Minimizing the Deployment Cost of UAVs for Delay-Sensitive Data Collection in IoT Networks. IEEE/ACM Transactions on Networking, 2022, 30, 812-825.	2.6	24
126	Delay-bounded minimal cost placement of roadside units in vehicular ad hoc networks. , 2015, , .		23

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127	Enabling Encrypted Rich Queries in Distributed Key-Value Stores. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1283-1297.	4.0	23
128	A Novel Low Cost Interconnection Architecture Based on the Generalized Hypercube. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 647-662.	4.0	23
129	Minimizing the Number of Deployed UAVs for Delay-bounded Data Collection of IoT Devices. , 2021, , .		23
130	Multicast routing and wavelength assignment in WDM networks with limited drop-offs. , 0, , .		22
131	Green scheduling for cloud data centers using renewable resources. , 2015, , .		22
132	Approximation Algorithms for the Generalized Team Orienteering Problem and its Applications. IEEE/ACM Transactions on Networking, 2021, 29, 176-189.	2.6	22
133	Blockchain-Based Decentralized Public Auditing for Cloud Storage. IEEE Transactions on Cloud Computing, 2022, 10, 2366-2380.	3.1	22
134	Optimal Placement of Web Proxies for Replicated Web Servers in the Internet. Computer Journal, 2001, 44, 329-339.	1.5	21
135	Heuristic algorithms for real-time data aggregation in wireless sensor networks. , 2006, , .		21
136	Minimizing Cost of Placement of Multi-Radio and Multi-Power-Level Access Points with Rate Adaptation in Indoor Environment. IEEE Transactions on Wireless Communications, 2011, 10, 2186-2195.	6.1	21
137	Dimensional-Permutation-Based Independent Spanning Trees in Bijective Connection Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 45-53.	4.0	21
138	Hamiltonian cycle and path embeddings in 3-ary n -cubes based on n -faults. Journal of Parallel and Distributed Computing, 2018, 120, 148-158.	2.7	21
139	A Privacy-Preserving Online Ride-Hailing System Without Involving a Third Trusted Server. IEEE Transactions on Information Forensics and Security, 2021, 16, 3068-3081.	4.5	21
140	Routing algorithm for multicast under multi-tree model in optical networks. Theoretical Computer Science, 2004, 314, 293-301.	0.5	20
141	Multi-user Forward Secure Dynamic Searchable Symmetric Encryption. Lecture Notes in Computer Science, 2018, , 125-140.	1.0	20
142	Minimizing the Longest Tour Time Among a Fleet of UAVs for Disaster Area Surveillance. IEEE Transactions on Mobile Computing, 2022, 21, 2451-2465.	3.9	20
143	Reversible Data Hiding in Encrypted Images Using Cipher-Feedback Secret Sharing. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4968-4982.	5.6	20
144	The Galaxy distributed operating system. Computer, 1991, 24, 34-41.	1.2	19

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145	QoS Topology Control for Nonhomogenous Ad Hoc Wireless Networks. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	1.5	19
146	Cross-Layer Throughput Optimization With Power Control in Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3300-3308.	3.9	19
147	Minimum Connected Dominating Set Under Routing Cost Constraint in Wireless Sensor Networks With Different Transmission Ranges. IEEE/ACM Transactions on Networking, 2019, 27, 546-559.	2.6	19
148	Approximation Algorithms for the Team Orienteering Problem. , 2020, , .		19
149	Towards Public Verifiable and Forward-Privacy Encrypted Search by Using Blockchain. IEEE Transactions on Dependable and Secure Computing, 2022, , 1-1.	3.7	19
150	Caching and prefetching for Web content distribution. Computing in Science and Engineering, 2004, 6, 54-59.	1.2	18
151	Real-time data aggregation in contention-based wireless sensor networks. ACM Transactions on Sensor Networks, 2010, 7, 1-25.	2.3	18
152	Critical sensor density for partial connectivity in large area wireless sensor networks. ACM Transactions on Sensor Networks, 2011, 7, 1-23.	2.3	18
153	Continuous Data Collection Capacity of Dual-Radio Multichannel Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1844-1855.	4.0	18
154	Fast and simple approximation algorithms for maximum weighted independent set of links. , 2014, , .		18
155	Energy Efficient Scheduling of Servers with Multi-Sleep Modes for Cloud Data Center. IEEE Transactions on Cloud Computing, 2018, , 1-1.	3.1	18
156	Measuring similarity of interests for clustering Web-users. , 0, , .		17
157	Quorum and connected dominating sets based location service in wireless ad hoc, sensor and actuator networks. Computer Communications, 2007, 30, 3627-3643.	3.1	17
158	THEMIS: Collusion-Resistant and Fair Pricing Spectrum Auction Under Dynamic Supply. IEEE Transactions on Mobile Computing, 2017, 16, 2051-2064.	3.9	17
159	Enabling Privacy-Preserving Geographic Range Query in Fog-Enhanced IoT Services. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3401-3416.	3.7	17
160	Enabling Proxy-Free Privacy-Preserving and Federated Crowdsourcing by Using Blockchain. IEEE Internet of Things Journal, 2021, 8, 6624-6636.	5.5	17
161	Integrated algorithms for delay bounded multicast routing and wavelength assignment in all optical networks. Computer Communications, 2001, 24, 1390-1399.	3.1	16
162	One-to-one disjoint path covers on alternating group graphs. Theoretical Computer Science, 2015, 562, 146-164.	0.5	16

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163	Secure the Internet, one home at a time. Security and Communication Networks, 2016, 9, 3821-3832.	1.0	16
164	Fault-tolerant embedding of complete binary trees in locally twisted cubes. Journal of Parallel and Distributed Computing, 2017, 101, 69-78.	2.7	16
165	Dynamic Resource Provisioning for Energy Efficient Cloud Radio Access Networks. IEEE Transactions on Cloud Computing, 2019, 7, 964-974.	3.1	16
166	Dynamic Multiresolution Data Dissemination in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1205-1220.	3.9	15
167	A hybrid method of CSMA/CA and TDMA for real-time data aggregation in wireless sensor networks. Computer Communications, 2013, 36, 269-278.	3.1	15
168	Delay-bounded and minimal transmission broadcast in LEO satellite networks. , 2016, , .		15
169	Multi-resource allocation in cloud radio access networks. , 2017, , .		15
170	A Game-Based Combinatorial Double Auction Model for Cloud Resource Allocation. , 2019, , .		15
171	PFcrowd: Privacy-Preserving and Federated Crowdsourcing Framework by Using Blockchain. , 2020, , .		15
172	Data Collection of IoT Devices Using an Energy-Constrained UAV. , 2020, , .		15
173	NAMP: Network-Aware Multipathing in Software-Defined Data Center Networks. IEEE/ACM Transactions on Networking, 2020, 28, 846-859.	2.6	15
174	Evaluating Adversarial Attacks on Driving Safety in Vision-Based Autonomous Vehicles. IEEE Internet of Things Journal, 2022, 9, 3443-3456.	5.5	15
175	Traffic grooming for minimizing wavelength usage in WDM networks. , 0, , .		14
176	Localized and configurable topology control in lossy wireless sensor networks. Ad Hoc Networks, 2013, 11, 1345-1358.	3.4	14
177	Multi-Hop Collaborative Relay Networks with Consideration of Contention Overhead of Relay Nodes in IEEE 802.11 DCF. IEEE Transactions on Communications, 2013, 61, 532-540.	4.9	14
178	SybSub: Privacy-Preserving Expressive Task Subscription With Sybil Detection in Crowdsourcing. IEEE Internet of Things Journal, 2019, 6, 3003-3013.	5.5	14
179	Privacy-Preserving Packet Header Checking Over in-the-Cloud Middleboxes. IEEE Internet of Things Journal, 2020, 7, 5359-5370.	5.5	14
180	HybrIDX: New Hybrid Index for Volume-hiding Range Queries in Data Outsourcing Services. , 2020, , .		14

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181	A Polynomial Time Approximation Scheme for the Grade of Service Steiner Minimum Tree Problem. <i>Journal of Global Optimization</i> , 2002, 24, 437-448.	1.1	13
182	Weighted wireless link scheduling without information of positions and interference/communication radii. , 2011, , .		13
183	Clustering Non-uniform-sized Spatial Objects to Reduce I/O Cost for Spatial-join Processing. <i>Computer Journal</i> , 2001, 44, 384-397.	1.5	12
184	Energy efficient information dissemination protocols by negotiation for wireless sensor networks. <i>Computer Communications</i> , 2006, 29, 2136-2149.	3.1	12
185	Hamiltonian properties of honeycomb meshes. <i>Information Sciences</i> , 2013, 240, 184-190.	4.0	12
186	Scalable algorithms for wireless link schedulings in multi-channel multi-radio wireless networks. , 2013, , .		12
187	General Maximal Lifetime Sensor-Target Surveillance Problem and Its Solution. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2011, 22, 1757-1765.	4.0	11
188	Design of Analytical Model and Algorithm for Optimal Roadside AP Placement in VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 7708-7718.	3.9	11
189	Data Transfer Scheduling for Maximizing Throughput of Big-Data Computing in Cloud Systems. <i>IEEE Transactions on Cloud Computing</i> , 2018, 6, 87-98.	3.1	11
190	Energy Efficiency Enhancement for CNN-based Deep Mobile Sensing. <i>IEEE Wireless Communications</i> , 2019, 26, 161-167.	6.6	11
191	Request Reliability Augmentation With Service Function Chain Requirements in Mobile Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , 2022, 21, 4541-4554.	3.9	11
192	Using traffic regulation to meet end-to-end deadlines in ATM networks. <i>IEEE Transactions on Computers</i> , 1999, 48, 917-935.	2.4	10
193	Non-unique probe selection and group testing. <i>Theoretical Computer Science</i> , 2007, 381, 29-32.	0.5	10
194	Design and analysis of a self-tuning feedback controller for the Internet. <i>Computer Networks</i> , 2009, 53, 1784-1797.	3.2	10
195	Analysis of capacity improvement by directional antennas in wireless sensor networks. <i>ACM Transactions on Sensor Networks</i> , 2012, 9, 1-25.	2.3	10
196	Partially overlapping channel assignment for WLANs using SINR interference model. <i>International Journal of Communication Systems</i> , 2014, 27, 3082-3095.	1.6	10
197	Minimal Energy Broadcast for Delay-Bounded Applications in Satellite Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2018, 2, 795-803.	3.5	10
198	Dual-side privacy-preserving task matching for spatial crowdsourcing. <i>Journal of Network and Computer Applications</i> , 2018, 123, 101-111.	5.8	10

#	ARTICLE	IF	CITATIONS
199	Efficient and Privacy-Preserving Ride Matching Using Exact Road Distance in Online Ride Hailing Services. IEEE Transactions on Services Computing, 2022, 15, 1841-1854.	3.2	10
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