

Yuanyuan Yang

List of Publications by Year in descending order

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446
papers

8,565
citations

76326

40
h-index

88630

70
g-index

451
all docs

451
docs citations

451
times ranked

5427
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-efficient dynamic offloading and resource scheduling in mobile cloud computing. , 2016, , .		260
2	Energy-Efficient Dynamic Computation Offloading and Cooperative Task Scheduling in Mobile Cloud Computing. IEEE Transactions on Mobile Computing, 2019, 18, 319-333.	5.8	254
3	SenCar: An Energy-Efficient Data Gathering Mechanism for Large-Scale Multihop Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 1476-1488.	5.6	242
4	Joint Mobile Data Gathering and Energy Provisioning in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2836-2852.	5.8	227
5	A Framework of Joint Mobile Energy Replenishment and Data Gathering in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2689-2705.	5.8	222
6	Tour Planning for Mobile Data-Gathering Mechanisms in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1472-1483.	6.3	200
7	Privacy-preserving and verifiable protocols for scientific computation outsourcing to the cloud. Journal of Parallel and Distributed Computing, 2014, 74, 2141-2151.	4.1	181
8	Combining Solar Energy Harvesting with Wireless Charging for Hybrid Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 560-576.	5.8	155
9	Mobile Data Gathering with Load Balanced Clustering and Dual Data Uploading in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2015, 14, 770-785.	5.8	146
10	Efficient Data Gathering with Mobile Collectors and Space-Division Multiple Access Technique in Wireless Sensor Networks. IEEE Transactions on Computers, 2011, 60, 400-417.	3.4	140
11	Bounded Relay Hop Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Computers, 2012, 61, 265-277.	3.4	137
12	Adaptive Triangular Deployment Algorithm for Unattended Mobile Sensor Networks. IEEE Transactions on Computers, 2007, 56, 946-847.	3.4	130
13	A Mobile Data Gathering Framework for Wireless Rechargeable Sensor Networks with Vehicle Movement Costs and Capacity Constraints. IEEE Transactions on Computers, 2016, 65, 2411-2427.	3.4	126
14	CSI Amplitude Fingerprinting-Based NB-IoT Indoor Localization. IEEE Internet of Things Journal, 2018, 5, 1494-1504.	8.7	119
15	Energy-Efficient Cooperative Tfor Simultaneous Wireless Information and Power Transfer in Clustered Wireless Sensor Networks. IEEE Transactions on Communications, 2015, 63, 4405-4417.	7.8	104
16	NETWRAP: An NDN Based Real-TimeWireless Recharging Framework for Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1283-1297.	5.8	103
17	Nonblocking WDM multicast switching networks. IEEE Transactions on Parallel and Distributed Systems, 2000, 11, 1274-1287.	5.6	102
18	Mobile data gathering with Wireless Energy Replenishment in rechargeable sensor networks. , 2013, , .		101

#	ARTICLE	IF	CITATIONS
19	Efficient and Secure Multi-User Multi-Task Computation Offloading for Mobile-Edge Computing in Mobile IoT Networks. IEEE Transactions on Network and Service Management, 2020, 17, 2410-2422.	4.9	98
20	Energy-Efficient Multihop Polling in Clusters of Two-Layered Heterogeneous Sensor Networks. IEEE Transactions on Computers, 2008, 57, 231-245.	3.4	96
21	Data gathering in wireless sensor networks with mobile collectors. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	81
22	Optimization-Based Distributed Algorithms for Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1464-1477.	5.8	81
23	Energy-Efficient Fair Cooperation Fog Computing in Mobile Edge Networks for Smart City. IEEE Internet of Things Journal, 2019, 6, 7543-7554.	8.7	74
24	Multi-vehicle Coordination for Wireless Energy Replenishment in Sensor Networks. , 2013, , .		73
25	Energy Efficiency Maximization in Mobile Wireless Energy Harvesting Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1524-1537.	5.8	72
26	Nonblocking WDM switching networks with full and limited wavelength conversion. IEEE Transactions on Communications, 2002, 50, 2032-2041.	7.8	67
27	Permutation Capability of Optical Multistage Interconnection Networks. Journal of Parallel and Distributed Computing, 2000, 60, 72-91.	4.1	66
28	Optical multistage interconnection networks: new challenges and approaches. , 1999, 37, 50-56.		62
29	On-Line Multicast Scheduling with Bounded Congestion in Fat-Tree Data Center Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 102-115.	14.0	58
30	An Optimization Framework for Mobile Data Collection in Energy-Harvesting Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 2969-2986.	5.8	54
31	Secure Cloud Storage Meets with Secure Network Coding. IEEE Transactions on Computers, 2016, 65, 1936-1948.	3.4	54
32	Recharging schedules for wireless sensor networks with vehicle movement costs and capacity constraints. , 2014, , .		53
33	A hybrid framework combining solar energy harvesting and wireless charging for wireless sensor networks. , 2016, , .		51
34	A Battery-Aware Scheme for Routing in Wireless Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3919-3932.	6.3	50
35	An Efficient Hybrid Peer-to-Peer System for Distributed Data Sharing. IEEE Transactions on Computers, 2010, 59, 1158-1171.	3.4	49
36	Low-Latency SINR-Based Data Gathering in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2014, 13, 3207-3221.	9.2	49

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37	FIFO-Based Multicast Scheduling Algorithm for Virtual Output Queued Packet Switches. IEEE Transactions on Computers, 2005, 54, 1283-1297.	3.4	48
38	Wireless Rechargeable Sensor Networks. Springer Briefs in Electrical and Computer Engineering, 2015, , .	0.5	47
39	Towards Efficient Scheduling of Federated Mobile Devices Under Computational and Statistical Heterogeneity. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 394-410.	5.6	46
40	Online Computation Offloading and Resource Scheduling in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 6649-6664.	8.7	46
41	Designing WDM optical interconnects with full connectivity by using limited wavelength conversion. IEEE Transactions on Computers, 2004, 53, 1547-1556.	3.4	45
42	Battery-Aware Routing for Streaming Data Transmissions in Wireless Sensor Networks. Mobile Networks and Applications, 2006, 11, 757-767.	3.3	45
43	Self-sustainable Sensor Networks with Multi-source Energy Harvesting and Wireless Charging. , 2019, , .		45
44	VQL: Efficient and Verifiable Cloud Query Services for Blockchain Systems. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1393-1406.	5.6	45
45	Collaborative Data Caching and Computation Offloading for Multi-Service Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 9408-9422.	6.3	44
46	The necessary conditions for Clos-type nonblocking multicast networks. IEEE Transactions on Computers, 1999, 48, 1214-1227.	3.4	43
47	Wide-sense nonblocking multicast in a class of regular optical WDM networks. IEEE Transactions on Communications, 2002, 50, 126-134.	7.8	43
48	A fine-grained indoor fingerprinting localization based on magnetic field strength and channel state information. Pervasive and Mobile Computing, 2017, 41, 150-165.	3.3	43
49	Energy-efficient computation offloading and resource allocation for delay-sensitive mobile edge computing. Sustainable Computing: Informatics and Systems, 2019, 21, 154-164.	2.2	43
50	Broadcast ring sandwich networks. IEEE Transactions on Computers, 1995, 44, 1169-1180.	3.4	42
51	Stateless Multicasting in Mobile Ad Hoc Networks. IEEE Transactions on Computers, 2010, 59, 1076-1090.	3.4	42
52	Fair Caching Algorithms for Peer Data Sharing in Pervasive Edge Computing Environments. , 2017, , .		41
53	A class of interconnection networks for multicasting. IEEE Transactions on Computers, 1998, 47, 899-906.	3.4	40
54	Optimal all-to-all personalized exchange in self-routable multistage networks. IEEE Transactions on Parallel and Distributed Systems, 2000, 11, 261-274.	5.6	39

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55	On blocking probability of multicast networks. IEEE Transactions on Communications, 1998, 46, 957-968.	7.8	38
56	Wide-sense nonblocking Clos networks under packing strategy. IEEE Transactions on Computers, 1999, 48, 265-284.	3.4	37
57	Energy-efficient clustering in lossy wireless sensor networks. Journal of Parallel and Distributed Computing, 2013, 73, 1323-1336.	4.1	37
58	Spectral partitioning and fuzzy C-means based clustering algorithm for big data wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	37
59	Fair and Efficient Caching Algorithms and Strategies for Peer Data Sharing in Pervasive Edge Computing Environments. IEEE Transactions on Mobile Computing, 2020, 19, 852-864.	5.8	36
60	TODG: Distributed Task Offloading With Delay Guarantees for Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1650-1665.	5.6	36
61	Dellat: Delivery Latency Minimization in Wireless Sensor Networks with Mobile Sink. Journal of Parallel and Distributed Computing, 2015, 83, 133-142.	4.1	35
62	Traffic Load Minimization in Software Defined Wireless Sensor Networks. IEEE Internet of Things Journal, 2018, 5, 1370-1378.	8.7	35
63	A quick-response framework for multi-user computation offloading in mobile cloud computing. Future Generation Computer Systems, 2018, 81, 166-176.	7.5	35
64	On-Line AP Association Algorithms for 802.11n WLANs with Heterogeneous Clients. IEEE Transactions on Computers, 2014, 63, 2772-2786.	3.4	34
65	A Load Balancing and Multi-Tenancy Oriented Data Center Virtualization Framework. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2131-2144.	5.6	34
66	Resource Allocation and Consensus on Edge Blockchain in Pervasive Edge Computing Environments. , 2019, , .		34
67	Clustering and load balancing in hybrid sensor networks with mobile cluster heads. , 2006, , .		33
68	Supporting Efficient and Scalable Multicasting over Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2011, 10, 544-559.	5.8	33
69	\$ALC^{2}\$: When Active Learning Meets Compressive Crowdsensing for Urban Air Pollution Monitoring. IEEE Internet of Things Journal, 2019, 6, 9427-9438.	8.7	33
70	Multicasting in a class of multicast-capable WDM networks. Journal of Lightwave Technology, 2002, 20, 350-359.	4.6	32
71	A Service-Centric Multicast Architecture and Routing Protocol. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 35-51.	5.6	32
72	Slotted Optical Burst Switching (SOBS) networks. Computer Communications, 2007, 30, 3471-3479.	5.1	31

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73	Reducing the Service Function Chain Backup Cost over the Edge and Cloud by a Self-adapting Scheme. , 2020, , .		31
74	Optimal all-to-all personalized exchange in a class of optical multistage networks. IEEE Transactions on Parallel and Distributed Systems, 2001, 12, 567-582.	5.6	30
75	Performance modeling of bufferless WDM packet switching networks with limited-range wavelength conversion. IEEE Transactions on Communications, 2006, 54, 1473-1480.	7.8	29
76	Relay Selection and Power Allocation for Cooperative Communication Networks With Energy Harvesting. IEEE Systems Journal, 2018, 12, 735-746.	4.6	29
77	CrowdGIS: Updating Digital Maps via Mobile Crowdsensing. IEEE Transactions on Automation Science and Engineering, 2018, 15, 369-380.	5.2	29
78	Static and Mobile Target -Coverage in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2019, 18, 2430-2445.	5.8	29
79	Efficient Dependent Task Offloading for Multiple Applications in MEC-Cloud System. IEEE Transactions on Mobile Computing, 2023, 22, 2147-2162.	5.8	29
80	Near-optimal all-to-all broadcast in multidimensional all-port meshes and tori. IEEE Transactions on Parallel and Distributed Systems, 2002, 13, 128-141.	5.6	28
81	Multicast Connection Capacity of WDM Switching Networks With Limited Wavelength Conversion. IEEE/ACM Transactions on Networking, 2004, 12, 526-538.	3.8	28
82	On Nonblocking Multicast Fat-Tree Data Center Networks with Server Redundancy. IEEE Transactions on Computers, 2015, 64, 1058-1073.	3.4	28
83	Processing secure, verifiable and efficient SQL over outsourced database. Information Sciences, 2016, 348, 163-178.	6.9	28
84	Content Centric Peer Data Sharing in Pervasive Edge Computing Environments. , 2017, , .		28
85	Localized Independent Packet Scheduling for Buffered Crossbar Switches. IEEE Transactions on Computers, 2009, 58, 260-274.	3.4	27
86	Relay Cooperation and Outage Analysis in Cognitive Radio Networks With Energy Harvesting. IEEE Systems Journal, 2018, 12, 2129-2140.	4.6	27
87	A new self-routing multicast network. IEEE Transactions on Parallel and Distributed Systems, 1999, 10, 1299-1316.	5.6	26
88	Nonblocking WDM multicast switching networks. , 0, , .		26
89	Joint Dynamical VNF Placement and SFC Routing in NFV-Enabled SDNs. IEEE Transactions on Network and Service Management, 2021, 18, 4263-4276.	4.9	26
90	Applying Network Coding to Peer-to-Peer File Sharing. IEEE Transactions on Computers, 2014, 63, 1938-1950.	3.4	25

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91	A novel radio map construction method to reduce collection effort for indoor localization. Measurement: Journal of the International Measurement Confederation, 2016, 94, 423-431.	5.0	25
92	BCCC: An Expandable Network for Data Centers. IEEE/ACM Transactions on Networking, 2016, 24, 3740-3755.	3.8	25
93	GBC3: A Versatile Cube-Based Server-Centric Network for Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2895-2910.	5.6	25
94	Pipelined all-to-all broadcast in all-port meshes and tori. IEEE Transactions on Computers, 2001, 50, 1020-1032.	3.4	24
95	A framework for mobile data gathering with load balanced clustering and MIMO uploading. , 2011, , .		24
96	A Novel Framework of Multi-Hop Wireless Charging for Sensor Networks Using Resonant Repeaters. IEEE Transactions on Mobile Computing, 2017, 16, 617-633.	5.8	24
97	Energy Efficiency Maximization for WSNs with Simultaneous Wireless Information and Power Transfer. Sensors, 2017, 17, 1906.	3.8	24
98	Optimal scheduling algorithms in WDM optical interconnects with limited range wavelength conversion capability. IEEE Transactions on Parallel and Distributed Systems, 2004, 15, 1012-1026.	5.6	23
99	Online Adaptive Compression in Delay Sensitive Wireless Sensor Networks. IEEE Transactions on Computers, 2012, 61, 1429-1442.	3.4	23
100	Joint Optimal Data Rate and Power Allocation in Lossy Mobile Ad Hoc Networks with Delay-Constrained Traffics. IEEE Transactions on Computers, 2015, 64, 747-762.	3.4	23
101	A New Design for Wide-Sense Nonblocking Multicast Switching Networks. IEEE Transactions on Communications, 2005, 53, 497-504.	7.8	22
102	Energy Efficient Multi-Hop Polling in Clusters of Two-Layered Heterogeneous Sensor Networks. , 0, , .		22
103	Max-Min Fair Bandwidth Allocation Algorithms for Packet Switches. , 2007, , .		22
104	A novel contention-based MAC protocol with channel reservation for wireless LANs. IEEE Transactions on Wireless Communications, 2008, 7, 3748-3748.	9.2	22
105	Improve Charging Capability for Wireless Rechargeable Sensor Networks Using Resonant Repeaters. , 2015, , .		22
106	B-DNS: A Secure and Efficient DNS Based on the Blockchain Technology. IEEE Transactions on Network Science and Engineering, 2021, 8, 1674-1686.	6.4	22
107	Intelligent Network Selection Algorithm for Multiservice Users in 5G Heterogeneous Network System: Nash <i>Q</i>-Learning Method. IEEE Internet of Things Journal, 2021, 8, 11877-11890.	8.7	22
108	Data-centric energy efficient scheduling for densely deployed sensor networks. , 2004, , .		21

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109	Peer-to-Peer File Sharing Based on Network Coding. , 2008, , .		21
110	Bounded relay hop mobile data gathering in wireless sensor networks. , 2009, , .		21
111	A Hypergraph Approach to Linear Network Coding in Multicast Networks. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 968-982.	5.6	21
112	Secure cloud storage meets with secure network coding. , 2014, , .		21
113	Leveraging Target k-Coverage in Wireless Rechargeable Sensor Networks. , 2017, , .		21
114	Geomagnetism-Based Indoor Navigation by Offloading Strategy in NB-IoT. IEEE Internet of Things Journal, 2019, 6, 4074-4084.	8.7	21
115	Joint SFC Deployment and Resource Management in Heterogeneous Edge for Latency Minimization. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2131-2143.	5.6	21
116	Efficient all-to-all broadcast in all-port mesh and torus networks. , 1999, , .		20
117	Stochastic mobile energy replenishment and adaptive sensor activation for perpetual wireless rechargeable sensor networks. , 2013, , .		19
118	Channel assignment in multi-rate 802.11n WLANs. , 2013, , .		19
119	Exploiting Cooperative Relay for High Performance Communications in MIMO Ad Hoc Networks. IEEE Transactions on Computers, 2013, 62, 716-729.	3.4	19
120	A fault-tolerant rearrangeable permutation network. IEEE Transactions on Computers, 2004, 53, 414-426.	3.4	18
121	On-Line Optimal Wavelength Assignment in WDM Networks With Shared Wavelength Converter Pool. IEEE/ACM Transactions on Networking, 2007, 15, 234-245.	3.8	18
122	DaGCM: A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 610-626.	5.8	18
123	Reducing the Service Function Chain Backup Cost Over the Edge and Cloud by a Self-Adapting Scheme. IEEE Transactions on Mobile Computing, 2022, 21, 2994-3008.	5.8	18
124	Nonblocking k-fold multicast networks. IEEE Transactions on Parallel and Distributed Systems, 2003, 14, 131-141.	5.6	17
125	Battery-Aware Scheduling in Wireless Mesh Networks. Mobile Networks and Applications, 2008, 13, 228-241.	3.3	17
126	Adaptive Scheduling in MIMO-Based Heterogeneous Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2014, 13, 964-978.	5.8	17

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127	Achieving verifiable, dynamic and efficient auditing for outsourced database in cloud. Journal of Parallel and Distributed Computing, 2018, 112, 97-107.	4.1	17
128	A more accurate analytical model on blocking probability of multicast networks. IEEE Transactions on Communications, 2000, 48, 1930-1936.	7.8	16
129	Performance analysis of Optical Packet Switches enhanced with electronic buffering. , 2009, , .		16
130	Low-latency SINR-based data gathering in wireless sensor networks. , 2013, , .		16
131	NETWRAP: An NDN Based Real Time Wireless Recharging Framework for Wireless Sensor Networks. , 2013, , .		16
132	Cost efficient and performance guaranteed virtual network embedding in multicast fat-tree DCNs. , 2015, , .		16
133	A Novel Network Structure with Power Efficiency and High Availability for Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 254-268.	5.6	16
134	Secrecy Energy Efficiency Optimization for Downlink Two-User OFDMA Networks With SWIPT. IEEE Systems Journal, 2019, 13, 324-335.	4.6	16
135	Distributed scheduling algorithms for wavelength convertible WDM optical interconnects. , 0, , .		15
136	A class of multistage conference switching networks for group communication. IEEE Transactions on Parallel and Distributed Systems, 2004, 15, 228-243.	5.6	15
137	Optical Switching Networks With Minimum Number of Limited-Range Wavelength Converters. IEEE/ACM Transactions on Networking, 2007, 15, 969-979.	3.8	15
138	Communication Synchronization in Cluster-Based Sensor Networks for Cyber-Physical Systems. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 98-110.	4.6	15
139	Oversubscription Bounded Multicast Scheduling in Fat-Tree Data Center Networks. , 2013, , .		15
140	Multicast fat-tree data center networks with bounded link oversubscription. , 2013, , .		15
141	A multi-channel cooperative MIMO MAC protocol for clustered wireless sensor networks. Journal of Parallel and Distributed Computing, 2014, 74, 3098-3114.	4.1	15
142	Network Cost Minimization for Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Communications, 2015, 63, 4418-4432.	7.8	15
143	Secure cloud storage hits distributed string equality checking: More efficient, conceptually simpler, and provably secure. , 2015, , .		15
144	Opportunistic routing with admission control in wireless ad hoc networks. Computer Communications, 2015, 55, 32-40.	5.1	15

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145	Indoor Floor Plan Construction Through Sensing Data Collected From Smartphones. IEEE Internet of Things Journal, 2018, 5, 4351-4364.	8.7	15
146	Resource Allocation and Consensus of Blockchains in Pervasive Edge Computing Environments. IEEE Transactions on Mobile Computing, 2022, 21, 3298-3311.	5.8	15
147	Optical switching networks with minimum number of limited range wavelength converters. , 0, , .		14
148	AP association in 802.11n WLANs with heterogeneous clients. , 2012, , .		14
149	Packet Scheduling in a Low-Latency Optical Interconnect With Electronic Buffers. Journal of Lightwave Technology, 2012, 30, 1869-1881.	4.6	14
150	Efficient All-to-All Broadcast in Gaussian On-Chip Networks. IEEE Transactions on Computers, 2013, 62, 1959-1971.	3.4	14
151	CROR: Coding-aware opportunistic routing in multi-channel cognitive radio networks. , 2014, , .		14
152	Incentive Design for Air Pollution Monitoring Based on Compressive Crowdsensing. , 2016, , .		14
153	Placement and Performance Analysis of Virtual Multicast Networks in Fat-Tree Data Center Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3013-3028.	5.6	14
154	Heracles: Scalable, Fine-Grained Access Control for Internet-of-Things in Enterprise Environments. , 2018, , .		14
155	Network Congestion-aware Online Service Function Chain Placement and Load Balancing. , 2019, , .		14
156	SDN-Based Traffic Matrix Estimation in Data Center Networks through Large Size Flow Identification. IEEE Transactions on Cloud Computing, 2022, 10, 675-690.	4.4	14
157	Joint Online Edge Caching and Load Balancing for Mobile Data Offloading in 5G Networks. , 2019, , .		14
158	Consortium Blockchain-Based Public Integrity Verification in Cloud Storage for IoT. IEEE Internet of Things Journal, 2022, 9, 3978-3987.	8.7	14
159	Single-path flooding chain routing in mobile wireless networks. International Journal of Sensor Networks, 2006, 1, 11.	0.4	13
160	Bufferless Routing in Optical Gaussian Macrochip Interconnect. IEEE Transactions on Computers, 2014, 63, 2685-2700.	3.4	13
161	Combined channel assignment and network coded opportunistic routing in cognitive radio networks. Computers and Electrical Engineering, 2016, 52, 293-306.	4.8	13
162	Towards privacy-preserving data trading for web browsing history. , 2019, , .		13

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163	Joint Resource Management and Flow Scheduling for SFC Deployment in Hybrid Edge-and-Cloud Network. , 2022, , .		13
164	BCCC. , 2014, , .		12
165	Joint Wireless Charging and Sensor Activity Management in Wireless Rechargeable Sensor Networks. , 2015, , .		12
166	Exploring Server Redundancy in Nonblocking Multicast Data Center Networks. IEEE Transactions on Computers, 2015, 64, 1912-1926.	3.4	12
167	FlowCloak: Defeating Middlebox-Bypass Attacks in Software-Defined Networking. , 2018, , .		12
168	Incentive Mechanism for Edge Cloud Profit Maximization in Mobile Edge Computing. , 2019, , .		12
169	Latency-Aware Adaptive Video Summarization for Mobile Edge Clouds. IEEE Transactions on Multimedia, 2020, 22, 1193-1207.	7.2	12
170	A Near-Optimal Approach for Online Task Offloading and Resource Allocation in Edge-Cloud Orchestrated Computing. IEEE Transactions on Mobile Computing, 2022, 21, 2687-2700.	5.8	12
171	Deep Reinforcement Learning Based Approach for Online Service Placement and Computation Resource Allocation in Edge Computing. IEEE Transactions on Mobile Computing, 2023, 22, 3870-3881.	5.8	12
172	Routing permutations with link-disjoint and node-disjoint paths in a class of self-routable interconnects. IEEE Transactions on Parallel and Distributed Systems, 2003, 14, 383-393.	5.6	11
173	WDM optical switching networks using sparse crossbars. , 0, , .		11
174	Pipelined two step iterative matching algorithms for CIOQ crossbar switches. , 2005, , .		11
175	Enhancing Downlink Performance in Wireless Networks by Simultaneous Multiple Packet Transmission. IEEE Transactions on Computers, 2009, 58, 706-718.	3.4	11
176	Data Gathering in Wireless Sensor Networks with Multiple Mobile Collectors and SDMA Technique Sensor Networks. , 2010, , .		11
177	OWER-MDG: A novel energy replenishment and data gathering mechanism in wireless rechargeable sensor networks. , 2012, , .		11
178	Energy-aware routing in hybrid optical network-on-chip for future multi-processor system-on-chip. Journal of Parallel and Distributed Computing, 2013, 73, 189-197.	4.1	11
179	ResAll: Energy efficiency maximization for wireless energy harvesting sensor networks. , 2015, , .		11
180	A Cross-Layer QoS Design with Energy and Traffic Balance Aware for Different Types of Traffic in MANETs. Wireless Personal Communications, 2015, 85, 1429-1449.	2.7	11

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181	Relay selection and outage analysis in cooperative cognitive radio networks with energy harvesting. , 2016, , .		11
182	RRect: A Novel Server-Centric Data Center Network with High Power Efficiency and Availability. IEEE Transactions on Cloud Computing, 2018, , 1-1.	4.4	11
183	Resource Allocation and Admission Control for an Energy Harvesting Cooperative OFDMA Network. IEEE Transactions on Vehicular Technology, 2018, 67, 4071-4086.	6.3	11
184	Towards Fine-Grained Access Control in Enterprise-Scale Internet-of-Things. IEEE Transactions on Mobile Computing, 2021, 20, 2701-2714.	5.8	11
185	Content Caching-Enhanced Computation Offloading in Mobile Edge Service Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 872-886.	6.3	11
186	Adaptive Access Selection Algorithm for Multi-Service in 5G Heterogeneous Internet of Things. IEEE Transactions on Network Science and Engineering, 2022, 9, 1630-1644.	6.4	11
187	An analysis model on nonblocking multirate broadcast networks. , 1994, , .		10
188	Contention-Based Prioritized Opportunistic Medium Access Control in Wireless LANs. , 2006, , .		10
189	Bandwidth guaranteed multicast scheduling for virtual output queued packet switches. Journal of Parallel and Distributed Computing, 2009, 69, 939-949.	4.1	10
190	A cost minimization algorithm for mobile data gathering in wireless sensor networks. , 2010, , .		10
191	A multi-channel cooperative MIMO MAC protocol for wireless sensor networks. , 2010, , .		10
192	High-Speed Multicast Scheduling in Hybrid Optical Packet Switches with Guaranteed Latency. IEEE Transactions on Computers, 2013, 62, 1972-1987.	3.4	10
193	Power sensor networks by wireless energy — Current status and future trends. , 2015, , .		10
194	Delivery latency minimization in wireless sensor networks with mobile sink. , 2015, , .		10
195	Optimal Target Secrecy Rate and Power Allocation Policy for a SWIPT System Over a Fading Wiretap Channel. IEEE Systems Journal, 2018, 12, 3291-3302.	4.6	10
196	NOSCM: A Novel Offloading Strategy for NOMA-Enabled Hierarchical Small Cell Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 8107-8118.	8.7	10
197	Design of Self-sustainable Wireless Sensor Networks with Energy Harvesting and Wireless Charging. ACM Transactions on Sensor Networks, 2021, 17, 1-38.	3.6	10
198	Routing permutations with link-disjoint and node-disjoint paths in a class of self-routable networks. , 0, , .		9

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199	A cost-effective construction for WDM multicast switching networks. , 0, , .		9
200	Constructing Battery-Aware Virtual Backbones in Sensor Networks. , 0, , .		9
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