Jianping Pan

List of Publications by Year
in descending order

236 papers	4,819 citations	126907 33 h-index	189892 50 g-index
240 all docs	240 docs citations	240 times ranked	3990 citing authors

#	ARTICLE	IF	CITATIONS
1	Topology control for wireless sensor networks. , 2003, , .		287
2	Evaluating the On-Demand Mobile Charging in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1861-1875.	5.8	196
3	Optimal base-station locations in two-tiered wireless sensor networks. IEEE Transactions on Mobile Computing, 2005, 4, 458-473.	5.8	179
4	Identifying elephant flows through periodically sampled packets. , 2004, , .		140
5	A Progressive Approach to Reducing Data Collection Latency in Wireless Sensor Networks with Mobile Elements. IEEE Transactions on Mobile Computing, 2013, 12, 1308-1320.	5.8	111
6	Performance Analysis of Group-Synchronized DCF for Dense IEEE 802.11 Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6180-6192.	9.2	104
7	Capacity-Aware and Delay-Guaranteed Resilient Controller Placement for Software-Defined WANs. IEEE Transactions on Network and Service Management, 2018, 15, 991-1005.	4.9	91
8	On-demand Charging in Wireless Sensor Networks: Theories and Applications. , 2013, , .		88
9	Performance analysis of TCP-friendly AIMD algorithms for multimedia applications. IEEE Transactions on Multimedia, 2005, 7, 339-355.	7.2	83
10	<italic>ESync</italic>: Energy Synchronized Mobile Charging in Rechargeable Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7415-7431.	6.3	82
11	Time and Location-Critical Emergency Message Dissemination for Vehicular Ad-Hoc Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 187-196.	14.0	81
12	Online UAV-Mounted Edge Server Dispatching for Mobile-to-Mobile Edge Computing. IEEE Internet of Things Journal, 2020, 7, 1375-1386.	8.7	76
13	A hybrid reservation/contention-based MAC for video streaming over wireless networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 389-398.	14.0	72
14	Delay Analysis and Routing for Two-Dimensional VANETs Using Carry-and-Forward Mechanism. IEEE Transactions on Mobile Computing, 2017, 16, 1830-1841.	5.8	63
15	Delay Minimization for Data Dissemination in Large-Scale VANETs with Buses and Taxis. IEEE Transactions on Mobile Computing, 2016, 15, 1939-1950.	5.8	61
16	NDCMC: A Hybrid Data Collection Approach for Large-Scale WSNs Using Mobile Element and Hierarchical Clustering. IEEE Internet of Things Journal, 2016, 3, 533-543.	8.7	61
17	Toward Reliable and Scalable Internet of Vehicles: Performance Analysis and Resource Management. Proceedings of the IEEE, 2020, 108, 324-340.	21.3	60
18	A Distributed Asynchronous Directional-to-Directional MAC Protocol for Wireless Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 5124-5134.	6.3	59

#	ARTICLE	IF	CITATIONS
19	GeoMob: A mobility-aware geocast scheme in metropolitans via taxicabs and buses. , 2014, , .		57
20	Mobile-to-mobile energy replenishment in mission-critical robotic sensor networks. , 2014, , .		56
21	Efficient Computation Resource Management in Mobile Edge-Cloud Computing. IEEE Internet of Things Journal, 2019, 6, 3455-3466.	8.7	55
22	Minimizing Energy Consumption with Probabilistic Distance Models in Wireless Sensor Networks. , 2010, , .		54
23	Evaluating On-Demand Data Collection with Mobile Elements in Wireless Sensor Networks. , 2010, , .		54
24	An overview of DNS-based server selections in content distribution networks. Computer Networks, 2003, 43, 695-711.	5.1	52
25	On the Uplink MAC Performance of a Drive-Thru Internet. IEEE Transactions on Vehicular Technology, 2012, 61, 1925-1935.	6.3	52
26	Consensus-Based Data-Privacy Preserving Data Aggregation. IEEE Transactions on Automatic Control, 2019, 64, 5222-5229.	5.7	50
27	Adaptive Route Optimization in Hierarchical Mobile IPv6 Networks. IEEE Transactions on Mobile Computing, 2007, 6, 903-914.	5.8	49
28	Adaptive scalable video streaming in wireless networks. , 2012, , .		49
29	ESync. , 2014, , .		48
30	Location-aware associated data placement for geo-distributed data-intensive applications. , 2015, , .		48
31	An Active Mobile Charging and Data Collection Scheme for Clustered Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5100-5113.	6.3	48
32	Joint Roadside Unit Deployment and Service Task Assignment for Internet of Vehicles (IoV). IEEE Internet of Things Journal, 2019, 6, 3271-3283.	8.7	48
33	Maximizing the Lifetime of Wireless Sensor Networks through Optimal Single-Session Flow Routing. IEEE Transactions on Mobile Computing, 2006, 5, 1255-1266.	5.8	46
34	Evaluating Service Disciplines for On-Demand Mobile Data Collection in Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 797-810.	5.8	45
35	Environment-aware clock skew estimation and synchronization for wireless sensor networks. , 2012, , .		43
36	A Cooperative Charging Protocol for Onboard Supercapacitors of Catenary-Free Trams. IEEE Transactions on Control Systems Technology, 2018, 26, 1219-1232.	5.2	43

#	ARTICLE	IF	CITATIONS
37	Distributed Privacy-Preserving Data Aggregation Against Dishonest Nodes in Network Systems. IEEE Internet of Things Journal, 2019, 6, 1462-1470.	8.7	43
38	Networked Electric Vehicles for Green Intelligent Transportation. IEEE Communications Standards Magazine, 2017, 1, 77-83.	4.9	41
39	Mobility Management in Mobile Hotspots with Heterogeneous Multihop Wireless Links. , 2007, 45, 106-112.		38
40	Enduring Node Failures through Resilient Controller Placement for Software Defined Networks. , 2016, , .		38
41	A Geometrical-Based Throughput Bound Analysis for Device-to-Device Communications in Cellular Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 100-110.	14.0	37
42	Expanding EV Charging Networks Considering Transportation Pattern and Power Supply Limit. IEEE Transactions on Smart Grid, 2019, 10, 6332-6342.	9.0	37
43	Scalable Modulation for Video Transmission in Wireless Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 4314-4323.	6.3	36
44	Temperature-Assisted Clock Synchronization and Self-Calibration for Sensor Networks. IEEE Transactions on Wireless Communications, 2014, 13, 3419-3429.	9.2	36
45	Joint optimization of spectrum access and power allocation in uplink OFDMA CR-VANETs. Wireless Networks, 2019, 25, 1-11.	3.0	36
46	Optimal Dropbox Deployment Algorithm for Data Dissemination in Vehicular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 632-645.	5.8	34
47	Evaluating service disciplines for mobile elements in wireless ad hoc sensor networks. , 2012, , .		29
48	Performance analysis of grouping strategy for dense IEEE 802.11 networks. , 2013, , .		29
49	A probabilistic model for message propagation in two-dimensional vehicular ad-hoc networks. , 2010, , .		28
50	A Geometric Probability Model for Capacity Analysis and Interference Estimation in Wireless Mobile Cellular Systems. , 2011, , .		27
51	Analyzing and Evaluating Efficient Privacy-Preserving Localization for Pervasive Computing. IEEE Internet of Things Journal, 2018, 5, 2993-3007.	8.7	27
52	Social profile-based multicast routing scheme for delay-tolerant networks. , 2013, , .		26
53	Optimal Charging Scheduling for Catenary-Free Trams in Public Transportation Systems. IEEE Transactions on Smart Grid, 2019, 10, 227-237.	9.0	26
54	Identity-based secure collaboration in wireless ad hoc networks. Computer Networks, 2007, 51, 853-865.	5.1	24

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55	Performance evaluation of video streaming over multi-hop wireless local area networks. IEEE Transactions on Wireless Communications, 2010, 9, 338-347.	9.2	24
56	Interference-Based Capacity Analysis for Vehicular Ad Hoc Networks. IEEE Communications Letters, 2015, 19, 621-624.	4.1	24
57	Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5736-5748.	6.3	24
58	WormShield: Fast Worm Signature Generation with Distributed Fingerprint Aggregation. IEEE Transactions on Dependable and Secure Computing, 2007, 4, 88-104.	5.4	23
59	One Handshake Can Achieve More: An Energy-Efficient, Practical Pipelined Data Collection for Duty-Cycled Sensor Networks. IEEE Sensors Journal, 2016, 16, 3308-3322.	4.7	23
60	Traffic Engineering Enhancement by Progressive Migration to SDN. IEEE Communications Letters, 2018, 22, 438-441.	4.1	23
61	A Learning-Based Data Placement Framework for Low Latency in Data Center Networks. IEEE Transactions on Cloud Computing, 2022, 10, 146-157.	4.4	23
62	A Probabilistic Distance-Based Modeling and Analysis for Cellular Networks With Underlaying Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2017, 16, 451-463.	9.2	22
63	Sustainability in Body Sensor Networks With Transmission Scheduling and Energy Harvesting. IEEE Internet of Things Journal, 2019, 6, 9633-9644.	8.7	22
64	A Framework of Hypergraph-Based Data Placement Among Geo-Distributed Datacenters. IEEE Transactions on Services Computing, 2020, 13, 395-409.	4.6	21
65	Scalable and Adaptive Data Replica Placement for Geo-Distributed Cloud Storages. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1575-1587.	5.6	20
66	Directed Percolation Routing for Ultra-Reliable and Low-Latency Services in Low Earth Orbit (LEO) Satellite Networks. , 2020, , .		20
67	Energy-Optimal Grid-Based Clustering in Wireless Microsensor Networks. , 2009, , .		19
68	Geometrical-Based Throughput Analysis of Device-to-Device Communications in a Sector-Partitioned Cell. IEEE Transactions on Wireless Communications, 2015, 14, 2232-2244.	9.2	19
69	Energy Efficient Scheduling Algorithms for Sweep Coverage in Mobile Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1332-1345.	5.8	18
70	Trajectory Optimization and Channel Allocation for Delay Sensitive Secure Transmission in UAV-Relayed VANETs. IEEE Transactions on Vehicular Technology, 2022, 71, 4512-4517.	6.3	18
71	Fast and accurate traffic matrix measurement using adaptive cardinality counting. , 2005, , .		17
72	A New Approach to the Directed Connectivity in Two-Dimensional Lattice Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2458-2472.	5.8	17

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73	Random-to-Random Nodal Distance Distributions in Finite Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10070-10083.	6.3	17
74	On Expiration-Based Hierarchical Caching Systems. IEEE Journal on Selected Areas in Communications, 2004, 22, 134-150.	14.0	16
75	Towards an Efficient Reservation Algorithm for Distributed Reservation Protocols. , 2010, , .		16
76	Distributed Reservation Algorithms for Video Streaming over UWB-Based Home Networks. , 2010, , .		16
77	Optimal Combined Heat and Power system scheduling in smart grid. , 2014, , .		16
78	Disaster Management and Response for Modern Cellular Networks Using Flow-Based Multi-Hop Device-to-Device Communications. , 2016, , .		16
79	Indirect Load Shaping for CHP Systems Through Real-Time Price Signals. IEEE Transactions on Smart Grid, 2016, 7, 282-290.	9.0	16
80	Synchronized Cell-Balancing Charging of Supercapacitors: A Consensus-Based Approach. IEEE Transactions on Industrial Electronics, 2018, 65, 8030-8040.	7.9	16
81	Learning Based Mobility Management Under Uncertainties for Mobile Edge Computing. , 2018, , .		16
82	Proactive Mobility Management With Trajectory Prediction Based on Virtual Cells in Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 8832-8842.	6.3	16
83	Network for AI and AI for Network: Challenges and Opportunities for Learning-Oriented Networks. IEEE Network, 2021, 35, 270-277.	6.9	16
84	Sketch-based data placement among geo-distributed datacenters for cloud storages. , 2016, , .		15
85	Modeling and Analyzing Duty-Cycling Pipelined-Scheduling MAC for Linear Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2608-2620.	6.3	15
86	Research on Sensor Network Coverage Enhancement Based on Non-cooperative Games. Computers, Materials and Continua, 2019, 60, 989-1002.	1.9	15
87	Vulnerabilities in distance-indexed IP traceback schemes. International Journal of Security and Networks, 2007, 2, 81.	0.2	14
88	Topology-Aware Modulation and Error-Correction Coding for Cooperative Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 379-387.	14.0	14
89	MPCS: A mobility/popularity-based caching strategy for information-centric networks. , 2014, , .		14
90	GeoMobCon: A Mobility-Contact-Aware Geocast Scheme for Urban VANETs. IEEE Transactions on Vehicular Technology, 2016, 65, 6715-6730.	6.3	14

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91	A Privacy-Preserving and Secure Framework for Opportunistic Routing in DTNs. IEEE Transactions on Vehicular Technology, 2016, 65, 7684-7697.	6.3	14
92	SoH-Aware Charging of Supercapacitors With Energy Efficiency Maximization. IEEE Transactions on Energy Conversion, 2018, 33, 1766-1775.	5.2	14
93	Performance Analysis of WiMedia UWB MAC. , 2009, , .		13
94	The impact of NAT on BitTorrent-like P2P systems. , 2009, , .		13
95	Teaching computer networks in a real network. , 2010, , .		13
96	EV Charging Network Design with Transportation and Power Grid Constraints. , 2018, , .		13
97	Robust Range-Free Localization in Wireless Sensor Networks. Mobile Networks and Applications, 2007, 12, 392-405.	3.3	12
98	Performance Study of Hybrid MAC Using Soft Reservation for Wireless Networks. , 2011, , .		12
99	Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. IEEE Journal on Selected Areas in Communications, 2013, 31, 227-236.	14.0	12
100	A comparative study of channel switching latency for conventional and SDN-based routing in multi-hop multi-radio Wireless Mesh Networks. , 2016, , .		12
101	Disclose More and Risk Less: Privacy Preserving Online Social Network Data Sharing. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 1173-1187.	5.4	12
102	Single-beam flow routing for wireless sensor networks. , 2005, , .		11
103	Scalable Modulation for Scalable Wireless Videocast. , 2010, , .		11
104	Energy-optimal grid-based clustering in wireless microsensor networks with data aggregation. International Journal of Parallel, Emergent and Distributed Systems, 2010, 25, 531-550.	1.0	11
105	Reducing data collection latency in Wireless sensor networks with mobile elements. , 2011, , .		11
106	A Partition-based data collection scheme for wireless sensor networks with a mobile sink. , 2012, , .		11
107	Performance analysis for two-tier cellular systems based on probabilistic distance models. , 2015, , .		11
108	Prediction and Modeling of Spectrum Occupancy for Dynamic Spectrum Access Systems. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 715-728.	7.9	11

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109	Resilient Participant Selection Under Vulnerability Induced Colluding Attacks for Crowdsourcing. IEEE Transactions on Vehicular Technology, 2022, 71, 7904-7918.	6.3	11
110	Evaluating video streaming over UWB wireless networks. , 2008, , .		10
111	Keychain-Based Signatures for Securing BGP. IEEE Journal on Selected Areas in Communications, 2010, 28, 1308-1318.	14.0	10
112	Distributed Robust Channel Assignment for Multi-Radio Cognitive Radio Networks. , 2012, , .		10
113	Connectivity in two-dimensional lattice networks. , 2013, , .		10
114	Scheduling in a secure wireless network. , 2014, , .		10
115	Fine-Grained Traffic Engineering on SDN-Aware Wi-Fi Mesh Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7593-7607.	6.3	10
116	Dynamic server selection using fuzzy inference in content distribution networks. Computer Communications, 2006, 29, 1026-1038.	5.1	9
117	A Distributed Directional-to-Directional MAC Protocol for Asynchronous Ad Hoc Networks. , 2008, , .		9
118	Modeling, validation and performance evaluation of body shadowing effect in ultra-wideband networks. Physical Communication, 2009, 2, 237-247.	2.1	9
119	A holistic sensor network design for energy conservation and efficient data dissemination. Computer Networks, 2011, 55, 131-146.	5.1	9
120	A Pipelined-forwarding, Routing-integrated and effectively-Identifying MAC for large-scale WSN. , 2013, , .		9
121	Dynamic rate adaptation for adaptive video streaming in wireless networks. Signal Processing: Image Communication, 2015, 39, 305-315.	3.2	9
122	ADC: an Adaptive Data Collection Protocol with Free Addressing and Dynamic Duty-Cycling for Sensor Networks. Mobile Networks and Applications, 2017, 22, 983-994.	3.3	9
123	Synchronized Cell-Balancing Charging of Supercapacitors. IFAC-PapersOnLine, 2017, 50, 3338-3343.	0.9	9
124	Modeling and Analysis for Data Collection in Duty-Cycled Linear Sensor Networks With Pipelined-Forwarding Feature. IEEE Internet of Things Journal, 2019, 6, 9489-9502.	8.7	9
125	Distance Distributions in Finite Ad Hoc Networks: Approaches, Applications, and Directions. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 167-179.	0.3	9
126	Downlink and Uplink Sum Rate Maximization for HAP-LAP Cooperated Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 9516-9531.	6.3	9

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127	Resource management for video streaming in ad hoc networks. Ad Hoc Networks, 2011, 9, 623-634.	5.5	8
128	Energy-Efficient Routing in Multi-Community DTN with Social Selfishness Considerations. , 2016, , .		8
129	Minimizing Secrecy Outage Probability in Multiuser Wireless Systems With Stochastic Traffic. IEEE Transactions on Vehicular Technology, 2017, 66, 6449-6460.	6.3	8
130	Throughput Analysis for Downlink Resource Reusing D2D Communications in Cellular Networks. , 2017, , .		8
131	A Framework of Multipath Clustering Based on Space-Transformed Fuzzy c-Means and Data Fusion for Radio Channel Modeling. IEEE Transactions on Vehicular Technology, 2020, 69, 4-15.	6.3	8
132	Caching by User Preference With Delayed Feedback for Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1655-1667.	9.2	8
133	Edge Server Placement for Vehicular *Ad Hoc* Networks in Metropolitans. IEEE Internet of Things Journal, 2022, 9, 1575-1590.	8.7	8
134	Performance modeling and analysis of window-controlled multimedia flows in wireless/wired networks. IEEE Transactions on Wireless Communications, 2007, 6, 1356-1365.	9.2	7
135	Performance Analysis and Evaluation of H.264 Video Streaming over Multi-Hop Wireless Networks. , 2008, , .		7
136	Evaluating MPEG-4/AVC Video Streaming over IEEE 802.11 Wireless Distribution System. , 2008, , .		7
137	Cognitive wireless mesh networks: A connectivity preserving and interference minimizing channel assignment scheme. , 2011, , .		7
138	An On-Demand Data Collection Scheme for Wireless Sensor Networks with Mobile Elements. , 2011, , .		7
139	Certificateless Secure Upload for Drive-Thru Internet. , 2011, , .		7
140	A geometrical probability approach to location-critical network performance metrics. , 2012, , .		7
141	Metropolitan-scale taxicab mobility modeling. , 2012, , .		7
142	A hybrid approach using mobile element and hierarchical clustering for data collection in WSNs. , 2015, , .		7
143	Optimize the Server Provisioning and Request Dispatching in Distributed Memory Cache Services. IEEE Transactions on Cloud Computing, 2017, 5, 193-207.	4.4	7
144	AFEC: An analytical framework for evaluating cache performance in out-of-order processors. , 2017, , .		7

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145	Learning-based Adaptive Data Placement for Low Latency in Data Center Networks. , 2018, , .		7
146	Modeling and Analyzing Single Anchor Localization for Internet of Things. , 2019, , .		7
147	Optimizing BitTorrent-like peer-to-peer systems in the presence of network address translation devices. Peer-to-Peer Networking and Applications, 2011, 4, 274-288.	3.9	6
148	Power Emission Density-based interference analysis for random wireless networks. , 2014, , .		6
149	Profiling Online Social Network Users via Relationships and Network Characteristics. , 2016, , .		6
150	An Analytical Cache Performance Evaluation Framework for Embedded Out-of-Order Processors Using Software Characteristics. Transactions on Embedded Computing Systems, 2018, 17, 1-25.	2.9	6
151	An Instance Reservation Framework for Cost Effective Services in Geo-Distributed Data Centers. IEEE Transactions on Services Computing, 2021, 14, 356-370.	4.6	6
152	Age-of-Information-Constrained Transmission Optimization for ECG-Based Body Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 3851-3863.	8.7	6
153	Locating base-stations for video sensor networks. , 2003, , .		5
154	Video Streaming with PCA and Hard vs Soft DRP. , 2010, , .		5
155	Towards the optimal caching strategies of peer-assisted VoD systems with HD channels. , 2012, , .		5
156	Multi-modal message dissemination in vehicular ad-hoc networks. , 2012, , .		5
157	Connectivity in mobile tactical networks. , 2014, , .		5
158	Towards privacy-preserving and secure opportunistic routings in VANETs. , 2014, , .		5
159	Meta-Heuristic Solution for Dynamic Association Control in Virtualized Multi-Rate WLANs. , 2016, , .		5
160	A data forwarding scheme with reachable probability centrality in DTNs. , 2016, , .		5
161	Performance Analysis of Message Dissemination in ICMN under the Last-Create-First-Relay Scheme. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	5
162	Fine-grained access provisioning via joint gateway selection and flow routing on SDN-aware Wi-Fi mesh networks. , 2017, , .		5

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163	On-Demand Mobile Data Collection in Cyber-Physical Systems. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	1.2	5
164	Location Region Estimation for Internet of Things: A Distance Distribution-Based Approach. IEEE Internet of Things Journal, 2019, 6, 654-665.	8.7	5
165	A Novel Addressing and Routing Architecture for Cloud-Service Datacenter Networks. IEEE Transactions on Services Computing, 2022, 15, 414-428.	4.6	5
166	Reducing the Overhead of Multicast Using Social Features in Mobile Opportunistic Networks. IEEE Access, 2019, 7, 50095-50108.	4.2	5
167	Intelligent Caching Algorithms in Heterogeneous Wireless Networks with Uncertainty. , 2019, , .		5
168	Cooperative abnormal sound event detection in end-edge-cloud orchestrated systems. CCF Transactions on Networking, 2020, 3, 158-170.	1.1	5
169	Optimal Caching for Low Latency in Distributed Coded Storage Systems. IEEE/ACM Transactions on Networking, 2022, 30, 1132-1145.	3.8	5
170	Voice over wireless local area network. IEEE Wireless Communications, 2006, 13, 4-5.	9.0	4
171	A Comparative Study of Mobility Management Schemes for Mobile Hotspots. , 2007, , .		4
172	Reducing the Overhead of View-Upload Decoupling in Peer-to-Peer Video On-Demand Systems. , 2011, , .		4
173	Exploring personal interest in intermittently connected wireless mobile social networks. , 2011, , .		4
174	Sweeping and active skipping in wireless sensor networks with mobile elements. , 2012, , .		4
175	Non-saturated performance analysis of IEEE 802.11 broadcast in 2-D mobile ad hoc networks. , 2012, , .		4
176	A cooperative charging strategy for onboard supercapacitors of catenary-free trams. , 2016, , .		4
177	Proactive Mobility Management Based on Virtual Cells in SDN-Enabled Ultra-Dense Networks. , 2019, , .		4
178	Adaptive Content Placement in Edge Networks Based on Hybrid User Preference Learning. , 2019, , .		4
179	Pinning-Based Switching Control of Cyber-Physical Supercapacitor Energy Storage Systems. IEEE Transactions on Control Systems Technology, 2020, 28, 1520-1533.	5.2	4
180	TSOR: Thompson Sampling-Based Opportunistic Routing. IEEE Transactions on Wireless Communications, 2021, 20, 7272-7285.	9.2	4

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181	Mesh Network Reliability Analysis for Ultra-Reliable Low-Latency Services. , 2021, , .		4
182	Adaptive and Scalable Caching With Erasure Codes in Distributed Cloud-Edge Storage Systems. IEEE Transactions on Cloud Computing, 2023, 11, 1840-1853.	4.4	4
183	Mobility support in hybrid wireless/IP networking. Computer Communications, 2003, 26, 1990-1997.	5.1	3
184	Serialized optimal relay schedules in two-tiered wireless sensor networks. Computer Communications, 2006, 29, 511-524.	5.1	3
185	Adaptive mobility-assisted data collection in wireless sensor networks. , 2011, , .		3
186	Modeling duty-cycling MAC protocols with pipelined scheduling for linear sensor networks. , 2014, , .		3
187	Hierarchical hexagonal modulation with ternary symbols for wireless video transmission. , 2014, , .		3
188	Channel Assignment in Cognitive Radio Networks: A Joint Utility and Stable Matching Approach. , 2017, , .		3
189	A simple, cost-effective addressing and routing architecture for fat-tree based datacenter networks. , 2017, , .		3
190	An Efficient Privacy-Preserving Localization Algorithm for Pervasive Computing. , 2017, , .		3
191	Randomized Single-Path Flow Routing on SDN-Aware Wi-Fi Mesh Networks. , 2018, , .		3
192	Demystifying Failure Recovery for Software-Defined Wireless Mesh Networks. , 2018, , .		3
193	PhyCode: A Practical Wireless Communication System Exploiting Superimposed Signals. , 2019, , .		3
194	MM-QUIC: Mobility-aware Multipath QUIC for Satellite Networks. , 2021, , .		3
195	TCP Performance and Behaviors with Local Retransmissions. Journal of Supercomputing, 2002, 23, 225-244.	3.6	2
196	Coping miss synchronization in hierarchical caching systems with nonlinear TTL functions. , 2004, , .		2
197	Analysis on Data Collection with Multiple Mobile Elements in Wireless Sensor Networks. , 2011, , .		2
198	Modeling BitTorrent-Based P2P Video Streaming Systems in the Presence of NAT Devices. , 2011, , .		2

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199	Optimize the dynamic provisioning and request dispatching in distributed memory cache services. , 2014, , .		2
200	On the performance and fairness of BitTorrent-like data swarming systems with NAT devices. Computer Networks, 2014, 59, 197-212.	5.1	2
201	Optimizing time-variant quota-controlled routing in delay-tolerant networks. , 2017, , .		2
202	Intelligent Caching in Dense Small-Cell Networks with Limited External Resources. , 2018, , .		2
203	Learning-based Cooperative Sound Event Detection with Edge Computing. , 2018, , .		2
204	EQRC: An Enhanced QR Code-Based Secure E-coupon Transaction Framework. , 2019, , .		2
205	AirQ: A Privacy-Preserving Truth Discovery Framework for Vehicular Air Quality Monitoring. , 2020, , .		2
206	Optimal single-session flow routing for wireless sensor networks. , 2003, , .		1
207	Retrieval and freshness thresholds in hierarchical caching systems. Computer Networks, 2004, 44, 235-246.	5.1	1
208	Evaluating “no-new-wires” home networks. , 2008, , .		1
209	Saturation performance analysis of IEEE 802.11 broadcast in 2-D mobile ad hoc networks. , 2012, , .		1
210	Hexagonal clustering with mobile energy replenishment in wireless sensor networks. , 2013, , .		1
211	CMESR: A hybrid approach for data collection and sensor redeployment using mobile element in WSNs. , 2013, , .		1
212	Distance Distribution-Based Modeling and Analysis for Pipelined-Forwarding Sensor Networks. , 2017, , .		1
213	EQRC: A secure QR code-based E-coupon framework supporting online and offline transactions1. Journal of Computer Security, 2020, 28, 577-605.	0.8	1
214	Hybrid Medium Access for Multimedia Services. Springer Briefs in Electrical and Computer Engineering, 2017, , 103-132.	0.5	1
215	Adaptive Data Collection with Free Addressing and Dynamic Duty-Cycling for Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 212-222.	0.3	1
216	A Unified Model for the Two-stage Offline-then-Online Resource Allocation. , 2020, , .		1

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217	Distance distribution between two random points in arbitrary polygons. Mathematical Methods in the Applied Sciences, 2022, 45, 2760-2775.	2.3	1
218	On randomized request redirection in hierarchical caching systems. , 0, , .		0
219	Analysis and evaluation of expiration-based hierarchical caching systems. Performance Evaluation, 2004, 55, 51-68.	1.2	0
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