

# Choong Seon Hong

## List of Publications by Year in descending order

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654  
papers

13,085  
citations

47006

47  
h-index

53230

85  
g-index

684  
all docs

684  
docs citations

684  
times ranked

8976  
citing authors

#	ARTICLE	IF	CITATIONS
1	Caching in the Sky: Proactive Deployment of Cache-Enabled Unmanned Aerial Vehicles for Optimized Quality-of-Experience. IEEE Journal on Selected Areas in Communications, 2017, 35, 1046-1061.	14.0	610
2	Federated Learning over Wireless Networks: Optimization Model Design and Analysis. , 2019, , .		565
3	Energy Efficient Federated Learning Over Wireless Communication Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1935-1949.	9.2	438
4	Federated Learning for Internet of Things: Recent Advances, Taxonomy, and Open Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 1759-1799.	39.4	290
5	Security in wireless sensor networks: issues and challenges. , 2006, , .		257
6	Federated Learning for Edge Networks: Resource Optimization and Incentive Mechanism. IEEE Communications Magazine, 2020, 58, 88-93.	6.1	252
7	Edge-Computing-Enabled Smart Cities: A Comprehensive Survey. IEEE Internet of Things Journal, 2020, 7, 10200-10232.	8.7	219
8	Internet of things forensics: Recent advances, taxonomy, requirements, and open challenges. Future Generation Computer Systems, 2019, 92, 265-275.	7.5	217
9	Federated Learning Over Wireless Networks: Convergence Analysis and Resource Allocation. IEEE/ACM Transactions on Networking, 2021, 29, 398-409.	3.8	196
10	6G Wireless Systems: A Vision, Architectural Elements, and Future Directions. IEEE Access, 2020, 8, 147029-147044.	4.2	193
11	Joint Communication, Computation, Caching, and Control in Big Data Multi-Access Edge Computing. IEEE Transactions on Mobile Computing, 2020, 19, 1359-1374.	5.8	184
12	A Crowdsourcing Framework for On-Device Federated Learning. IEEE Transactions on Wireless Communications, 2020, 19, 3241-3256.	9.2	175
13	Digital-Twin-Enabled 6G: Vision, Architectural Trends, and Future Directions. IEEE Communications Magazine, 2022, 60, 74-80.	6.1	161
14	Traffic-Aware and Energy-Efficient vNF Placement for Service Chaining: Joint Sampling and Matching Approach. IEEE Transactions on Services Computing, 2020, 13, 172-185.	4.6	157
15	Autonomous Driving Cars in Smart Cities: Recent Advances, Requirements, and Challenges. IEEE Network, 2020, 34, 174-181.	6.9	155
16	Intelligent Resource Slicing for eMBB and URLLC Coexistence in 5G and Beyond: A Deep Reinforcement Learning Based Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4585-4600.	9.2	149
17	eMBB-URLLC Resource Slicing: A Risk-Sensitive Approach. IEEE Communications Letters, 2019, 23, 740-743.	4.1	148
18	Game Theory for Cyber Security and Privacy. ACM Computing Surveys, 2018, 50, 1-37.	23.0	145

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19	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. Journal of Network and Computer Applications, 2021, 181, 103007.	9.1	139
20	Data-Centric Multiobjective QoS-Aware Routing Protocol for Body Sensor Networks. Sensors, 2011, 11, 917-937.	3.8	130
21	Network Slicing: Recent Advances, Taxonomy, Requirements, and Open Research Challenges. IEEE Access, 2020, 8, 36009-36028.	4.2	121
22	Decentralized Computation Offloading and Resource Allocation for Mobile-Edge Computing: A Matching Game Approach. IEEE Access, 2018, 6, 75868-75885.	4.2	114
23	Mode Selection and Resource Allocation in Device-to-Device Communications: A Matching Game Approach. IEEE Transactions on Mobile Computing, 2017, 16, 3126-3141.	5.8	108
24	FLchain: Federated Learning via MEC-enabled Blockchain Network. , 2019, , .		104
25	Resource Allocation for Ultra-Reliable and Enhanced Mobile Broadband IoT Applications in Fog Network. IEEE Transactions on Communications, 2019, 67, 489-502.	7.8	100
26	Ultra-Reliable and Low Latency Communication in mmWave-Enabled Massive MIMO Networks. IEEE Communications Letters, 2017, 21, 2041-2044.	4.1	92
27	Deep Learning Based Caching for Self-Driving Cars in Multi-Access Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2862-2877.	8.0	89
28	Energy-Efficient Resource Management in UAV-Assisted Mobile Edge Computing. IEEE Communications Letters, 2021, 25, 249-253.	4.1	88
29	Coexistence Mechanism Between eMBB and uRLLC in 5G Wireless Networks. IEEE Transactions on Communications, 2021, 69, 1736-1749.	7.8	82
30	An Incentive Mechanism for Federated Learning in Wireless Cellular Networks: An Auction Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4874-4887.	9.2	81
31	Coordinated Device-to-Device Communication With Non-Orthogonal Multiple Access in Future Wireless Cellular Networks. IEEE Access, 2018, 6, 39860-39875.	4.2	77
32	A proximal algorithm for joint resource allocation and minimizing carbon footprint in geo-distributed fog computing. , 2015, , .		72
33	Trustworthy Digital Twins in the Industrial Internet of Things With Blockchain. IEEE Internet Computing, 2022, 26, 58-67.	3.3	72
34	An Efficient Time Slot Acquisition on the Hybrid TDMA/CSMA Multichannel MAC in VANETs. IEEE Communications Letters, 2016, 20, 970-973.	4.1	70
35	On the Optimality of Reconfigurable Intelligent Surfaces (RISs): Passive Beamforming, Modulation, and Resource Allocation. IEEE Transactions on Wireless Communications, 2021, 20, 4347-4363.	9.2	61
36	How Geo-Distributed Data Centers Do Demand Response: A Game-Theoretic Approach. IEEE Transactions on Smart Grid, 2015, , 1-1.	9.0	60

#	ARTICLE	IF	CITATIONS
37	Offloading in HetNet: A Coordination of Interference Mitigation, User Association, and Resource Allocation. IEEE Transactions on Mobile Computing, 2017, 16, 2276-2291.	5.8	60
38	Critical Factors Influencing Decision to Adopt Human Resource Information System (HRIS) in Hospitals. PLoS ONE, 2016, 11, e0160366.	2.5	60
39	An Efficient and Reliable MAC in VANETs. IEEE Communications Letters, 2014, 18, 616-619.	4.1	58
40	A system model for energy efficient green-IoT network. , 2015, , .		58
41	QoE-Driven Channel Allocation and Handoff Management for Seamless Multimedia in Cognitive 5G Cellular Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 6569-6585.	6.3	58
42	QoE-Enabled Unlicensed Spectrum Sharing in 5G: A Game-Theoretic Approach. IEEE Access, 2018, 6, 50538-50554.	4.2	58
43	Multi-agent and reinforcement learning based code offloading in mobile fog. , 2016, , .		57
44	Social Optimization Strategy in Unobserved Queueing Systems in Cognitive Radio Networks. IEEE Communications Letters, 2012, 16, 1944-1947.	4.1	56
45	Collaborative cache allocation and computation offloading in mobile edge computing. , 2017, , .		56
46	Multi-Constrained QoS Geographic Routing for Heterogeneous Traffic in Sensor Networks. IEICE Transactions on Communications, 2008, E91-B, 2589-2601.	0.7	53
47	Hierarchical Matching Game for Service Selection and Resource Purchasing in Wireless Network Virtualization. IEEE Communications Letters, 2018, 22, 121-124.	4.1	53
48	A Lightweight NEMO Protocol to Support 6LoWPAN. ETRI Journal, 2008, 30, 685-695.	2.0	52
49	An Adaptable Mobility-Aware Clustering Algorithm in vehicular networks. , 2011, , .		52
50	Infotainment Enabled Smart Cars: A Joint Communication, Caching, and Computation Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 8408-8420.	6.3	52
51	Matching-Theory-Based Low-Latency Scheme for Multitask Federated Learning in MEC Networks. IEEE Internet of Things Journal, 2021, 8, 11415-11426.	8.7	52
52	Matching Theory for Distributed User Association and Resource Allocation in Cognitive Femtocell Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 8413-8428.	6.3	51
53	Cognitive Hierarchy Theory for Distributed Resource Allocation in the Internet of Things. IEEE Transactions on Wireless Communications, 2017, 16, 7687-7702.	9.2	51
54	Smart grid cooperative communication with smart relay. Journal of Communications and Networks, 2012, 14, 640-652.	2.6	49

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55	An Architecture of IoT Service Delegation and Resource Allocation Based on Collaboration between Fog and Cloud Computing. <i>Mobile Information Systems</i> , 2016, 2016, 1-15.	0.6	49
56	ecMTCP: An Energy-Aware Congestion Control Algorithm for Multipath TCP. <i>IEEE Communications Letters</i> , 2012, 16, 275-277.	4.1	48
57	DeepMEC: Mobile Edge Caching Using Deep Learning. <i>IEEE Access</i> , 2018, 6, 78260-78275.	4.2	48
58	Wireless Network Slicing: Generalized Kelly Mechanism-Based Resource Allocation. <i>IEEE Journal on Selected Areas in Communications</i> , 2019, 37, 1794-1807.	14.0	48
59	Blockchain-based Node-aware Dynamic Weighting Methods for Improving Federated Learning Performance. , 2019, , .		48
60	A Game-Theoretic Approach for Fair Coexistence Between LTE-U and Wi-Fi Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 442-455.	6.3	48
61	Design and Implementation of Control Mechanism for Standby Power Reduction. <i>IEEE Transactions on Consumer Electronics</i> , 2008, 54, 179-185.	3.6	47
62	HER-MAC: A Hybrid Efficient and Reliable MAC for Vehicular Ad Hoc Networks. , 2014, , .		47
63	Data Freshness and Energy-Efficient UAV Navigation Optimization: A Deep Reinforcement Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 5994-6006.	8.0	47
64	A Fog based system model for cooperative IoT node pairing using matching theory. , 2015, , .		46
65	A Survey on Adaptive Multi-Channel MAC Protocols in VANETs Using Markov Models. <i>IEEE Access</i> , 2018, 6, 16493-16514.	4.2	46
66	Edge Computing Resources Reservation in Vehicular Networks: A Meta-Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 5634-5646.	6.3	45
67	Medium access control for power line communications: an overview of the IEEE 1901 and ITU-T G.hn standards. , 2011, 49, 183-191.		44
68	Human Behavior Analysis by Means of Multimodal Context Mining. <i>Sensors</i> , 2016, 16, 1264.	3.8	44
69	ATLAS: A Traffic Load Aware Sensor MAC Design for Collaborative Body Area Sensor Networks. <i>Sensors</i> , 2011, 11, 11560-11580.	3.8	43
70	Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2013, 31, 2566-2579.	14.0	43
71	Incentive Mechanisms for Economic and Emergency Demand Responses of Colocation Datacenters. <i>IEEE Journal on Selected Areas in Communications</i> , 2015, 33, 2892-2905.	14.0	43
72	Dynamic Resource Allocation for Optimized Latency and Reliability in Vehicular Networks. <i>IEEE Access</i> , 2018, 6, 63843-63858.	4.2	43

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73	When Edge Computing Meets Microgrid: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2019, 6, 7360-7374.	8.7	42
74	QoS-aware distributed adaptive cooperative routing in wireless sensor networks. Ad Hoc Networks, 2014, 19, 28-42.	5.5	41
75	Healthcare IoT-Based Affective State Mining Using a Deep Convolutional Neural Network. IEEE Access, 2019, 7, 75189-75202.	4.2	41
76	Federated Learning Based Mobile Edge Computing for Augmented Reality Applications. , 2020, , .		40
77	On the Role of Hash-Based Signatures in Quantum-Safe Internet of Things: Current Solutions and Future Directions. IEEE Internet of Things Journal, 2021, 8, 1-17.	8.7	40
78	Joint Location, Bandwidth and Power Optimization for THz-Enabled UAV Communications. IEEE Communications Letters, 2021, 25, 1984-1988.	4.1	40
79	Edge-of-things computing framework for cost-effective provisioning of healthcare data. Journal of Parallel and Distributed Computing, 2019, 123, 54-60.	4.1	38
80	Federated Learning for Task and Resource Allocation in Wireless High-Altitude Balloon Networks. IEEE Internet of Things Journal, 2021, 8, 17460-17475.	8.7	38
81	Blockchain-Based Digital Twins: Research Trends, Issues, and Future Challenges. ACM Computing Surveys, 2022, 54, 1-34.	23.0	37
82	An intelligent approach for virtual machine and QoS provisioning in cloud computing. , 2013, , .		36
83	3D Channel Characterization and Performance Analysis of UAV-Assisted Millimeter Wave Links. IEEE Transactions on Wireless Communications, 2021, 20, 110-125.	9.2	36
84	Resource Optimized Federated Learning-Enabled Cognitive Internet of Things for Smart Industries. IEEE Access, 2020, 8, 168854-168864.	4.2	36
85	SERP: secure energy-efficient routing protocol for densely deployed wireless sensor networks. Annales Des Telecommunications/Annals of Telecommunications, 2008, 63, 529-541.	2.5	35
86	Design of a QoS-Aware Routing Mechanism for Wireless Multimedia Sensor Networks. , 2008, , .		35
87	Dynamics of service selection and provider pricing game in heterogeneous cloud market. Journal of Network and Computer Applications, 2016, 69, 152-165.	9.1	35
88	Self Organizing Federated Learning Over Wireless Networks: A Socially Aware Clustering Approach. , 2020, , .		35
89	mDurance: A Novel Mobile Health System to Support Trunk Endurance Assessment. Sensors, 2015, 15, 13159-13183.	3.8	34
90	Phishing-Aware: A Neuro-Fuzzy Approach for Anti-Phishing on Fog Networks. IEEE Transactions on Network and Service Management, 2018, 15, 1076-1089.	4.9	34

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91	Network Slicing for 5G and Beyond Networks. , 2019, , .		33
92	CRRT: Congestion-Aware and Rate-Controlled Reliable Transport in Wireless Sensor Networks. IEICE Transactions on Communications, 2009, E92-B, 184-199.	0.7	32
93	A 6LoWPAN Sensor Node Mobility Scheme Based on Proxy Mobile IPv6. IEEE Transactions on Mobile Computing, 2012, 11, 2060-2072.	5.8	32
94	An Accuracy Enhanced IEEE 1588 Synchronization Protocol for Dynamically Changing and Asymmetric Wireless Links. IEEE Communications Letters, 2012, 16, 190-192.	4.1	32
95	Reinforcement Learning-Based Vehicle-Cell Association Algorithm for Highly Mobile Millimeter Wave Communication. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1073-1085.	7.9	31
96	Orchestrating product provenance story: When IOTA ecosystem meets electronics supply chain space. Computers in Industry, 2020, 123, 103334.	9.9	31
97	RIDES: Robust Intrusion Detection System for IP-Based Ubiquitous Sensor Networks. Sensors, 2009, 9, 3447-3468.	3.8	30
98	A shared parking model in vehicular network using fog and cloud environment. , 2015, , .		30
99	Power Control for Interference Management and QoS Guarantee in Heterogeneous Networks. IEEE Communications Letters, 2015, 19, 1402-1405.	4.1	30
100	Joint Incentive Mechanism for Paid Content Caching and Price Based Cache Replacement Policy in Named Data Networking. IEEE Access, 2018, 6, 33702-33717.	4.2	30
101	Optimal Task-UAV-Edge Matching for Computation Offloading in UAV Assisted Mobile Edge Computing. , 2019, , .		30
102	Energy-Efficient Resource Allocation in Multi-UAV-Assisted Two-Stage Edge Computing for Beyond 5G Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16421-16432.	8.0	30
103	Clouds Proportionate Medical Data Stream Analytics for Internet of Things-Based Healthcare Systems. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 973-982.	6.3	29
104	A Chance Constrained Based Formulation for Dynamic Multiplexing of eMBB-uRLLC Traffics in 5G New Radio. , 2019, , .		28
105	A matching based coexistence mechanism between eMBB and uRLLC in 5G wireless networks. , 2019, , .		28
106	Fog Load Balancing for Massive Machine Type Communications: A Game and Transport Theoretic Approach. IEEE Access, 2019, 7, 4204-4218.	4.2	28
107	Parking Assignment: Minimizing Parking Expenses and Balancing Parking Demand Among Multiple Parking Lots. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1320-1331.	5.2	28
108	Contract-Based Scheduling of URLLC Packets in Incumbent EMBB Traffic. IEEE Access, 2020, 8, 167516-167526.	4.2	28

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109	The Life Cycle of the Rendezvous Problem of Cognitive Radio Ad Hoc Networks: A Survey. Journal of Computing Science and Engineering, 2013, 7, 81-88.	0.6	28
110	Probabilistic Sensor Deployment in Wireless Sensor Network: A New Approach. International Conference on Advanced Communication Technology, 2007, , .	0.0	27
111	An Efficient and Fast Broadcast Frame Adjustment Algorithm in VANET. IEEE Communications Letters, 2017, 21, 1589-1592.	4.1	27
112	Ultra-Reliable Communication in 5G mmWave Networks: A Risk-Sensitive Approach. IEEE Communications Letters, 2018, 22, 708-711.	4.1	27
113	Proactive edge computing in fog networks with latency and reliability guarantees. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	27
114	A Downlink Resource Scheduling Strategy for URLLC Traffic. , 2019, , .		27
115	Cross-Layer Design of Congestion Control and Power Control in Fast-Fading Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 260-274.	5.6	26
116	Optimized Resource Management in Heterogeneous Wireless Networks. IEEE Communications Letters, 2016, , 1-1.	4.1	26
117	Dynamic Clustering and User Association in Wireless Small-Cell Networks With Social Considerations. IEEE Transactions on Vehicular Technology, 2017, 66, 6553-6568.	6.3	26
118	Resource Allocation for Virtualized Wireless Networks with Backhaul Constraints. IEEE Communications Letters, 2017, 21, 148-151.	4.1	26
119	Joint Rate and Power Control in Wireless Network: A Novel Successive Approximations Method. IEEE Communications Letters, 2010, 14, 872-874.	4.1	25
120	Optimal Pricing for Duopoly in Cognitive Radio Networks: Cooperate or not Cooperate?. IEEE Transactions on Wireless Communications, 2014, 13, 2574-2587.	9.2	24
121	Cloud based mental state monitoring system for suicide risk reconnaissance using wearable bio-sensors. , 2014, , .		24
122	Joint Pricing and Load Balancing for Cognitive Spectrum Access: Non-Cooperation Versus Cooperation. IEEE Journal on Selected Areas in Communications, 2015, 33, 972-985.	14.0	24
123	Web of Objects Based Ambient Assisted Living Framework for Emergency Psychiatric State Prediction. Sensors, 2016, 16, 1431.	3.8	24
124	Congestion prevention mechanism based on Q-learning for efficient routing in SDN. , 2016, , .		24
125	Mobile charger billing system using lightweight Blockchain. , 2017, , .		24
126	A Deep Learning Model Generation Framework for Virtualized Multi-Access Edge Cache Management. IEEE Access, 2019, 7, 62734-62749.	4.2	24



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127	Incentivize to Build: A Crowdsourcing Framework for Federated Learning. , 2019, , .		24
128	Attack Model and Detection Scheme for Botnet on 6LoWPAN. Lecture Notes in Computer Science, 2009, , 515-518.	1.3	23
129	SHWMP: A Secure Hybrid Wireless Mesh Protocol for IEEE 802.11s Wireless Mesh Networks. Lecture Notes in Computer Science, 2009, , 95-114.	1.3	23
130	Distributed Power and Channel Allocation for Cognitive Femtocell Network Using a Coalitional Game in Partition-Form Approach. IEEE Transactions on Vehicular Technology, 2017, 66, 3475-3490.	6.3	23
131	A Cooperative and Reliable RSU-Assisted IEEE 802.11P-Based Multi-Channel MAC Protocol for VANETs. IEEE Access, 2019, 7, 107576-107590.	4.2	23
132	Network Virtualization with Energy Efficiency Optimization for Wireless Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2019, 18, 2386-2400.	5.8	23
133	Socially-Aware-Clustering-Enabled Federated Learning for Edge Networks. IEEE Transactions on Network and Service Management, 2021, 18, 2641-2658.	4.9	23
134	Risk-Aware Energy Scheduling for Edge Computing With Microgrid: A Multi-Agent Deep Reinforcement Learning Approach. IEEE Transactions on Network and Service Management, 2021, 18, 3476-3497.	4.9	23
135	An efficient multi-channel MAC protocol for wireless ad hoc networks. Ad Hoc Networks, 2016, 44, 46-57.	5.5	22
136	Coordinated Resource Partitioning and Data Offloading in Wireless Heterogeneous Networks. IEEE Communications Letters, 2016, 20, 974-977.	4.1	22
137	Virtual Network Function Scheduling: A Matching Game Approach. IEEE Communications Letters, 2018, 22, 69-72.	4.1	22
138	Learning-Based Caching in Cloud-Aided Wireless Networks. IEEE Communications Letters, 2018, 22, 137-140.	4.1	22
139	Auction based Incentive Design for Efficient Federated Learning in Cellular Wireless Networks. , 2020, , .		22
140	Securing U-Healthcare Sensor Networks using Public Key Based Scheme. International Conference on Advanced Communication Technology, 2008, , .	0.0	21
141	Multi-Constrained QoS Geographic Routing for Heterogeneous Traffic in Sensor Networks. , 2008, , .		21
142	Multi-path utility maximization and multi-path TCP design. Journal of Parallel and Distributed Computing, 2014, 74, 1848-1857.	4.1	21
143	Dynamic pricing for resource allocation in wireless network virtualization: A Stackelberg game approach. , 2017, , .		21
144	Incentivizing Energy Reduction for Emergency Demand Response in Multi-Tenant Mixed-Use Buildings. IEEE Transactions on Smart Grid, 2018, 9, 3701-3715.	9.0	21

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145	Facility Location Problem Approach for Distributed Drones. Symmetry, 2019, 11, 118.	2.2	21
146	Risk-Sensitive Task Fetching and Offloading for Vehicular Edge Computing. IEEE Communications Letters, 2020, 24, 617-621.	4.1	21
147	UAV-Assisted Free Space Optical Communication System With Amplify-and-Forward Relaying. IEEE Transactions on Vehicular Technology, 2021, 70, 8926-8936.	6.3	21
148	Auction Mechanism for Dynamic Bandwidth Allocation in Multi-Tenant Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 15162-15176.	6.3	21
149	A QoS and profit aware cloud confederation model for IaaS service providers. , 2014, , .		20
150	Online Caching and Cooperative Forwarding in Information Centric Networking. IEEE Access, 2018, 6, 59679-59694.	4.2	20
151	Edge Computing Assisted Joint Quality Adaptation for Mobile Video Streaming. IEEE Access, 2019, 7, 129082-129094.	4.2	20
152	Cache Aware User Association for Wireless Heterogeneous Networks. IEEE Access, 2019, 7, 3472-3485.	4.2	20
153	An Adaptable Destination-Based Dissemination Algorithm Using a Publish/Subscribe Model in Vehicular Networks. Journal of Computing Science and Engineering, 2012, 6, 227-242.	0.6	20
154	Multipath Congestion Control for Heterogeneous Traffic in Wireless Sensor Network. International Conference on Advanced Communication Technology, 2008, , .	0.0	19
155	A QoS Adaptive Congestion Control in Wireless Sensor Network. International Conference on Advanced Communication Technology, 2008, , .	0.0	19
156	Cross-Layer Optimization for Congestion and Power Control in OFDM-Based Multi-Hop Cognitive Radio Networks. IEEE Transactions on Communications, 2012, 60, 2101-2112.	7.8	19
157	EM-Psychiatry: An Ambient Intelligent System for Psychiatric Emergency. IEEE Transactions on Industrial Informatics, 2016, 12, 2321-2330.	11.3	19
158	Decentralized Renewable Energy Pricing and Allocation for Millimeter Wave Cellular Backhaul. IEEE Journal on Selected Areas in Communications, 2016, 34, 1140-1159.	14.0	19
159	Management of scalable video streaming in information centric networking. Multimedia Tools and Applications, 2017, 76, 21519-21546.	3.9	19
160	Novel Cooperative and Fully-Distributed Congestion Control Mechanism for Content Centric Networking. IEEE Access, 2017, 5, 27691-27706.	4.2	19
161	Controlling the Outbreak of COVID-19: A Noncooperative Game Perspective. IEEE Access, 2020, 8, 215570-215581.	4.2	19
162	Provenance-enabled packet path tracing in the RPL-based internet of things. Computer Networks, 2020, 173, 107189.	5.1	19

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163	MHRP: A Secure Multi-Path Hybrid Routing Protocol for Wireless Mesh Network. , 2007, , .		18
164	Energy-aware QoS provisioning for wireless sensor networks: Analysis and protocol. Journal of Communications and Networks, 2009, 11, 390-405.	2.6	18
165	A SINR-Based MAC Protocol for Wireless Ad Hoc Networks. IEEE Communications Letters, 2012, 16, 2016-2019.	4.1	18
166	Joint Congestion Control and Power Control With Outage Constraint in Wireless Multihop Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 889-894.	6.3	18
167	Reward-to-Reduce: An Incentive Mechanism for Economic Demand Response of Colocation Datacenters. IEEE Journal on Selected Areas in Communications, 2016, 34, 3941-3953.	14.0	18
168	The 5G Cellular Backhaul Management Dilemma: To Cache or to Serve. IEEE Transactions on Wireless Communications, 2017, 16, 4866-4879.	9.2	18
169	Reactive Power Compensation Game Under Prospect-Theoretic Framing Effects. IEEE Transactions on Smart Grid, 2018, 9, 4181-4193.	9.0	18
170	Wireless network virtualization with non-orthogonal multiple access. , 2018, , .		18
171	Towards Coexistence of Cellular and WiFi Networks in Unlicensed Spectrum: A Neural Networks Based Approach. IEEE Access, 2019, 7, 110023-110034.	4.2	18
172	MAC protocols with dynamic interval schemes for VANETs. Vehicular Communications, 2019, 15, 40-62.	4.0	18
173	Ruin Theory for Dynamic Spectrum Allocation in LTE-U Networks. IEEE Communications Letters, 2019, 23, 366-369.	4.1	18
174	Energy Efficient Communication and Computation Resource Slicing for eMBB and URLLC Coexistence in 5G and Beyond. IEEE Access, 2020, 8, 136024-136035.	4.2	18
175	Ruin Theory for Energy-Efficient Resource Allocation in UAV-Assisted Cellular Networks. IEEE Transactions on Communications, 2021, 69, 3943-3956.	7.8	18
176	H-MMAC: A hybrid multi-channel MAC protocol for wireless ad hoc networks. , 2012, , .		17
177	Hop-by-Hop Traceback in Wireless Sensor Networks. IEEE Communications Letters, 2012, 16, 242-245.	4.1	17
178	Cooperative between V2C and V2V charging: Less range anxiety and more charged EVs. , 2018, , .		17
179	Distributed Radio Slice Allocation in Wireless Network Virtualization: Matching Theory Meets Auctions. IEEE Access, 2020, 8, 73494-73507.	4.2	17
180	A Novel Contract Theory-Based Incentive Mechanism for Cooperative Task-Offloading in Electrical Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8380-8395.	8.0	17

#	ARTICLE	IF	CITATIONS
181	A Connection Entropy-based Multi-Rate Routing Protocol for Mobile Ad Hoc Networks. Journal of Computing Science and Engineering, 2010, 4, 225-239.	0.6	17
182	Power line communication network trial and management in Korea. International Journal of Network Management, 2006, 16, 443-457.	2.2	16
183	Defense against lap-top class attacker in wireless sensor network. , 2006, , .		16
184	Analysis of energy-tax for multipath routing in wireless sensor networks. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 117-127.	2.5	16
185	DEC-MAC: delay- and energy-aware cooperative medium access control protocol for wireless sensor networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 485-501.	2.5	16
186	Spectrum handoff model based on Hidden Markov model in Cognitive Radio Networks. , 2014, , .		16
187	Intelligent service fulfillment for software defined networks in smart city. , 2018, , .		16
188	Knapsack-Based Reverse Influence Maximization for Target Marketing in Social Networks. IEEE Access, 2019, 7, 44182-44198.	4.2	16
189	Asymptotic Optimality of Reconfigurable Intelligent Surfaces: Passive Beamforming and Achievable Rate. , 2020, , .		16
190	Edge-Assisted Democratized Learning Toward Federated Analytics. IEEE Internet of Things Journal, 2022, 9, 572-588.	8.7	16
191	Energy-Aware Resource Management for Federated Learning in Multi-Access Edge Computing Systems. IEEE Access, 2021, 9, 34938-34950.	4.2	16
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