

Yuguang Fang

List of Publications by Year in descending order

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523
papers

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527
times ranked

11064
citing authors

#	ARTICLE	IF	CITATIONS
1	Secure Transmission by Leveraging Multiple Intelligent Reflecting Surfaces in MISO Systems. IEEE Transactions on Mobile Computing, 2023, 22, 2387-2401.	3.9	13
2	Privacy Preservation in Multi-Cloud Secure Data Fusion for Infectious-Disease Analysis. IEEE Transactions on Mobile Computing, 2023, 22, 4212-4222.	3.9	4
3	Probabilistic Data Prefetching for Data Transportation in Smart Cities. IEEE Internet of Things Journal, 2022, 9, 1655-1666.	5.5	2
4	FVC-Dedup: A Secure Report Deduplication Scheme in a Fog-Assisted Vehicular Crowdsensing System. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2727-2740.	3.7	5
5	Throughput Maximization for Multiedge Multiuser Edge Computing Systems. IEEE Internet of Things Journal, 2022, 9, 68-79.	5.5	15
6	Beyond Class-Level Privacy Leakage: Breaking Record-Level Privacy in Federated Learning. IEEE Internet of Things Journal, 2022, 9, 2555-2565.	5.5	11
7	Adaptive Scheduling for Joint Communication and Radar Detection: Tradeoff Among Throughput, Delay, and Detection Performance. IEEE Transactions on Vehicular Technology, 2022, 71, 670-680.	3.9	4
8	A Blockchain-Based Human-to-Infrastructure Contact Tracing Approach for COVID-19. IEEE Internet of Things Journal, 2022, 9, 12836-12847.	5.5	5
9	Hierarchical Multiple Access for Spectrum-Energy Opportunistic Ambient Backscatter Wireless Networks. IEEE Transactions on Mobile Computing, 2022, , 1-1.	3.9	1
10	From Resource Auction to Service Auction: An Auction Paradigm Shift in Wireless Networks. IEEE Wireless Communications, 2022, 29, 185-191.	6.6	4
11	Actions at the Edge: Jointly Optimizing the Resources in Multi-Access Edge Computing. IEEE Wireless Communications, 2022, 29, 192-198.	6.6	15
12	Federated Learning Over Multihop Wireless Networks With In-Network Aggregation. IEEE Transactions on Wireless Communications, 2022, 21, 4622-4634.	6.1	11
13	End-to-End Service Auction: A General Double Auction Mechanism for Edge Computing Services. IEEE/ACM Transactions on Networking, 2022, 30, 2616-2629.	2.6	2
14	KF-LSTM Based Beam Tracking for UAV-Assisted mmWave HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10796-10807.	3.9	2
15	Cooperative Beamforming Design for Multiple RIS-Assisted Communication Systems. IEEE Transactions on Wireless Communications, 2022, 21, 10949-10963.	6.1	7
16	Optimizing Superframe and Data Buffer to Achieve Maximum Throughput for 802.15.4-Based Energy Harvesting Wireless Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 3689-3704.	5.5	5
17	Optimizing IoT Energy Efficiency on Edge (EEE): A Cross-Layer Design in a Cognitive Mesh Network. IEEE Transactions on Wireless Communications, 2021, 20, 2472-2486.	6.1	4
18	A Conditional Privacy Protection Scheme Based on Ring Signcryption for Vehicular <i>Ad Hoc</i> Networks. IEEE Internet of Things Journal, 2021, 8, 647-656.	5.5	34

#	ARTICLE	IF	CITATIONS
19	Autonomous Robustness Control for Fog Reinforcement in Dynamic Wireless Networks. IEEE/ACM Transactions on Networking, 2021, 29, 2522-2535.	2.6	4
20	Age-Stratified COVID-19 Spread Analysis and Vaccination: A Multitype Random Network Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 1862-1872.	4.1	13
21	Joint Beamforming and Reflecting Design in Reconfigurable Intelligent Surface-Aided Multi-User Communication Systems. IEEE Transactions on Wireless Communications, 2021, 20, 3269-3283.	6.1	35
22	Weak Signal Detection in 5G+ Systems. , 2021, , .		1
23	How to Leverage Mobile Vehicles to Balance the Workload in Multi-Access Edge Computing Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 12283-12286.	3.9	7
24	DPavatar: A Real-Time Location Protection Framework for Incumbent Users in Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2020, 19, 552-565.	3.9	8
25	Turning Waste into Wealth: Free Control Message Transmissions in Indoor WiFi Networks. IEEE Transactions on Mobile Computing, 2020, 19, 2475-2488.	3.9	3
26	Uplink Low-Power Scheduling for Delay-Bounded Industrial Wireless Networks Based on Imperfect Power-Domain NOMA. IEEE Systems Journal, 2020, 14, 2443-2454.	2.9	13
27	5G Vehicle-to-Everything Services: Gearing Up for Security and Privacy. Proceedings of the IEEE, 2020, 108, 373-389.	16.4	89
28	Efficient Anonymous Temporal-Spatial Joint Estimation at Category Level Over Multiple Tag Sets With Unreliable Channels. IEEE/ACM Transactions on Networking, 2020, 28, 2174-2187.	2.6	2
29	Safety-Oriented Resource Allocation for Space-Ground Integrated Cloud Networks of High-Speed Railways. IEEE Journal on Selected Areas in Communications, 2020, 38, 2747-2759.	9.7	15
30	System Error Prediction for Business Support Systems in Telecommunications Networks. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2723-2733.	4.0	4
31	Opportunistic WiFi Offloading in a Vehicular Environment: An MDP Approach. , 2020, , .		1
32	Missing-Tag Detection With Unknown Tags. IEEE/ACM Transactions on Networking, 2020, 28, 1297-1310.	2.6	9
33	Dynamic Magnetic Induction Wireless Communications for Autonomous-Underwater-Vehicle-Assisted Underwater IoT. IEEE Internet of Things Journal, 2020, 7, 9834-9845.	5.5	29
34	Augmenting Transmission Environments for Better Communications: Tunable Reflector Assisted MmWave WLANs. IEEE Transactions on Vehicular Technology, 2020, 69, 7416-7428.	3.9	9
35	An Adaptive High-Throughput Multichannel MAC Protocol for VANETs. IEEE Internet of Things Journal, 2020, 7, 8249-8262.	5.5	11
36	Joint Channel and Queue Aware Scheduling for Latency Sensitive Mobile Edge Computing With Power Constraints. IEEE Transactions on Wireless Communications, 2020, 19, 3938-3951.	6.1	42

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37	Energy-Efficient Channel Switching in Cognitive Radio Networks: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 12359-12362.	3.9	10
38	ESAC: An Efficient and Secure Access Control Scheme in Vehicular Named Data Networking. IEEE Transactions on Vehicular Technology, 2020, 69, 10252-10263.	3.9	6
39	Energy Minimization of Multi-Cell Cognitive Capacity Harvesting Networks With Neighbor Resource Sharing. IEEE Transactions on Wireless Communications, 2020, 19, 3199-3213.	6.1	6
40	A Fast Beam Alignment Scheme for Dual-Band HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3968-3979.	3.9	24
41	Efficient Privacy-Preserving Machine Learning in Hierarchical Distributed System. IEEE Transactions on Network Science and Engineering, 2019, 6, 599-612.	4.1	22
42	Machine Learning-Based Handovers for Sub-6 GHz and mmWave Integrated Vehicular Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4873-4885.	6.1	71
43	Practical Privacy-Preserving ECG-Based Authentication for IoT-Based Healthcare. IEEE Internet of Things Journal, 2019, 6, 9200-9210.	5.5	64
44	FRESH: FReshness-Aware Energy-Efficient ScHeduler for Cellular IoT Systems. , 2019, , .		7
45	D2D Communications-Assisted Traffic Offloading in Integrated Cellular-WiFi Networks. IEEE Internet of Things Journal, 2019, 6, 8670-8680.	5.5	21
46	Social-Aware Energy-Efficient Data Offloading With Strong Stability. IEEE/ACM Transactions on Networking, 2019, 27, 1515-1528.	2.6	9
47	Offloading Optimization and Bottleneck Analysis for Mobile Cloud Computing. IEEE Transactions on Communications, 2019, 67, 6153-6167.	4.9	22
48	A Data-Driven Cost-Effective Session-Oriented Cognitive Radio Transmission Scheme Under Spectrum Uncertainty. IEEE Transactions on Vehicular Technology, 2019, 68, 12401-12405.	3.9	7
49	Performance Optimization for D2D Communications With Opportunistic Relay and Physical-Layer Network Coding. IEEE Transactions on Vehicular Technology, 2019, 68, 11928-11943.	3.9	8
50	Data-Driven Service Provisioning over Shared Spectrums with Statistical QoS Guarantee. , 2019, , .		3
51	Statistical QoS Provisioning Over Uncertain Shared Spectrums in Cognitive IoT Networks: A Distributionally Robust Data-Driven Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 12286-12300.	3.9	18
52	A Machine Learning-Based Defensive Alerting System Against Reckless Driving in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 12227-12238.	3.9	24
53	SPATH: Finding the Safest Walking Path in Smart Cities. IEEE Transactions on Vehicular Technology, 2019, 68, 7071-7079.	3.9	13
54	Exploiting Wireless Broadcast Advantage for Energy Efficient Packet Overhearing in WiFi. IEEE Transactions on Vehicular Technology, 2019, 68, 3586-3599.	3.9	4

#	ARTICLE	IF	CITATIONS
55	Collaborative Spectrum Trading and Sharing for Cognitive Radio Networks. , 2019, , 931-968.		4
56	An Efficient Query Scheme for Privacy-Preserving Lightweight Bitcoin Client with Intel SGX. , 2019, , .		2
57	Efficient Hierarchical Multiple Access for Ambient Backscatter Wireless Networks. , 2019, , .		2
58	Learning-Based mmWave V2I Environment Augmentation through Tunable Reflectors. , 2019, , .		9
59	Delay-Aware Incentive Mechanism for Crowdsourcing with Vehicles in Smart Cities. , 2019, , .		4
60	Energy-Efficient D2D Communications With Dynamic Time-Resource Allocation. IEEE Transactions on Vehicular Technology, 2019, 68, 11985-11999.	3.9	8
61	Tunable Reflectors Enabled Environment Augmentation for Better mmWave WLANs. , 2019, , .		4
62	Service-Oriented Hybrid-Database-Assisted Spectrum Trading: A Blueprint for Future Licensed Spectrum Sharing. IEEE Wireless Communications, 2019, 26, 156-163.	6.6	21
63	Monitoring Bodily Oscillation With RFID Tags. IEEE Internet of Things Journal, 2019, 6, 3840-3854.	5.5	18
64	Beam Management and Self-Healing for mmWave UAV Mesh Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 1718-1732.	3.9	60
65	A Dynamic Pricing Strategy for Vehicle Assisted Mobile Edge Computing Systems. IEEE Wireless Communications Letters, 2019, 8, 420-423.	3.2	45
66	Beef Up the Edge: Spectrum-Aware Placement of Edge Computing Services for the Internet of Things. IEEE Transactions on Mobile Computing, 2019, 18, 2783-2795.	3.9	33
67	Dynamic Multi-Tenant Coordination for Sustainable Colocation Data Centers. IEEE Transactions on Cloud Computing, 2019, 7, 733-743.	3.1	8
68	Protecting Location Privacy for Task Allocation in Ad Hoc Mobile Cloud Computing. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 110-121.	3.2	62
69	Preserving Model Privacy for Machine Learning in Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1808-1822.	4.0	36
70	Stable Beamforming With Low Overhead for C/U-Plane Decoupled HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6075-6086.	3.9	30
71	Optimal Power Scheduling for Uplink Transmissions in SIC-Based Industrial Wireless Networks With Guaranteed Real-Time Performance. IEEE Transactions on Vehicular Technology, 2018, 67, 3216-3228.	3.9	11
72	Smart Cities on Wheels: A Newly Emerging Vehicular Cognitive Capability Harvesting Network for Data Transportation. IEEE Wireless Communications, 2018, 25, 160-169.	6.6	49

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73	Session-Based Cooperation in Cognitive Radio Networks: A Network-Level Approach. IEEE/ACM Transactions on Networking, 2018, 26, 685-698.	2.6	7
74	A Robust Dynamic Edge Network Architecture for the Internet of Things. IEEE Network, 2018, 32, 8-15.	4.9	33
75	EPIC: A Differential Privacy Framework to Defend Smart Homes Against Internet Traffic Analysis. IEEE Internet of Things Journal, 2018, 5, 1206-1217.	5.5	106
76	Device-Free Wireless Sensing: Challenges, Opportunities, and Applications. IEEE Network, 2018, 32, 132-137.	4.9	56
77	Motivating Human-Enabled Mobile Participation for Data Offloading. IEEE Transactions on Mobile Computing, 2018, 17, 1624-1637.	3.9	24
78	Access Point Recruitment in a Vehicular Cognitive Capability Harvesting Network: How Much Data Can Be Uploaded?. IEEE Transactions on Vehicular Technology, 2018, 67, 6438-6445.	3.9	9
79	Optimal Nonuniform Steady mmWave Beamforming for High-Speed Railway. IEEE Transactions on Vehicular Technology, 2018, 67, 4350-4358.	3.9	37
80	IEEE 802.11ay-Based mmWave WLANs: Design Challenges and Solutions. IEEE Communications Surveys and Tutorials, 2018, 20, 1654-1681.	24.8	147
81	Secure and Privacy-Preserving Report De-duplication in the Fog-Based Vehicular Crowdsensing System. , 2018, , .		4
82	A Probabilistic Scheduling Policy for Energy Efficient UAV Communications with Delay Constraints. , 2018, , .		2
83	LetFi: Letter Recognition in the Air Using CSI. , 2018, , .		7
84	A Secure Data Forwarding Scheme in Vehicular Named Data Networking. , 2018, , .		3
85	Anonymous Temporal-Spatial Joint Estimation at Category Level Over Multiple Tag Sets. , 2018, , .		5
86	Adversarial Examples Against the Deep Learning Based Network Intrusion Detection Systems. , 2018, , .		59
87	A Cloud-Based Secure and Privacy-Preserving Clustering Analysis of Infectious Disease. , 2018, , .		4
88	Using Wireless Tags to Monitor Bodily Oscillation. , 2018, , .		2
89	Virtual Infrastructure at Traffic Lights: Vehicular Temporary Storage Assisted Data Transportation at Signalized Intersections. IEEE Transactions on Vehicular Technology, 2018, 67, 12452-12456.	3.9	9
90	Intelligent Data Transportation in Smart Cities: A Spectrum-Aware Approach. IEEE/ACM Transactions on Networking, 2018, 26, 2598-2611.	2.6	23

#	ARTICLE	IF	CITATIONS
91	PhyCast: Towards Energy Efficient Packet Overhearing in WiFi Networks. , 2018, , .		3
92	Mitigating Traffic Analysis Attack in Smartphones with Edge Network Assistance. , 2018, , .		2
93	Data and Spectrum Trading Policies in a Trusted Cognitive Dynamic Network Architecture. IEEE/ACM Transactions on Networking, 2018, 26, 1502-1516.	2.6	11
94	A UHF RFID-Based System for Children Tracking. IEEE Internet of Things Journal, 2018, 5, 5055-5064.	5.5	14
95	My Privacy My Decision: Control of Photo Sharing on Online Social Networks. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 199-210.	3.7	60
96	Lightweight Anonymous Authentication Protocols for RFID Systems. IEEE/ACM Transactions on Networking, 2017, 25, 1475-1488.	2.6	19
97	Semi-Cognitive Radio Networks: A Novel Dynamic Spectrum Sharing Mechanism. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 97-111.	4.9	14
98	A Novel Collaborative Cognitive Dynamic Network Architecture. IEEE Wireless Communications, 2017, 24, 74-81.	6.6	18
99	Cognitive Capacity Harvesting Networks: Architectural Evolution Toward Future Cognitive Radio Networks. IEEE Communications Surveys and Tutorials, 2017, 19, 1902-1923.	24.8	53
100	A Novel Network Architecture for C/U-Plane Staggered Handover in 5G Decoupled Heterogeneous Railway Wireless Systems. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 3350-3362.	4.7	32
101	Communication through Symbol Silence: Towards Free Control Messages in Indoor WLANs. , 2017, , .		2
102	Spectrum-Aware Anypath Routing in Multi-Hop Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2017, 16, 1176-1187.	3.9	44
103	Latency Aware IPv6 Packet Delivery Scheme over IEEE 802.15.4 Based Battery-Free Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2017, 16, 1691-1704.	3.9	27
104	Dual-Scheduler Design for C/U-Plane Decoupled Railway Wireless Networks. IEEE Transactions on Mobile Computing, 2017, 16, 1842-1855.	3.9	6
105	Control/User Plane Decoupled Architecture Utilizing Unlicensed Bands in LTE Systems. IEEE Wireless Communications, 2017, 24, 132-142.	6.6	22
106	Enhanced Random Access and Beam Training for Millimeter Wave Wireless Local Networks With High User Density. IEEE Transactions on Wireless Communications, 2017, 16, 7760-7773.	6.1	35
107	An anonymous and accountable authentication scheme for Wi-Fi hotspot access with the Bitcoin blockchain. , 2017, , .		10
108	On Outage of Wireless Cloud Computing: Offloading Optimization and Bottleneck Analysis. , 2017, , .		2

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109	Collaborative Spectrum Trading and Sharing for Cognitive Radio Networks. , 2017, , 1-38.		1
110	Hierarchical Architecture for Distributed Energy Resource Management. Springer Briefs in Electrical and Computer Engineering, 2017, , 1-8.	0.3	1
111	Collaborative Spectrum Trading and Sharing for Cognitive Radio Networks. , 2017, , 1-38.		0
112	Spectrum Management for Proactive Video Caching in Information-Centric Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2247-2259.	9.7	31
113	Social-Enabled Data Offloading via Mobile Participation - A Game-Theoretical Approach. , 2016, , .		20
114	A Firewall of Two Clouds: Preserving Outsourced Firewall Policy Confidentiality with Heterogeneity. , 2016, , .		5
115	DSN: Enabling Lightweight Coordination between Partially Overlapped Channels in Wireless LANs. , 2016, , .		1
116	Policy-Based Privacy-Preserving Scheme for Primary Users in Database-Driven Cognitive Radio Networks. , 2016, , .		7
117	Privacy-Preserving Genome-Aware Remote Health Monitoring. , 2016, , .		1
118	Context Awareness with Ambient FM Signal Using Multi-Domain Features. , 2016, , .		1
119	Millimeter-Wave Network Architectures for Future High-Speed Railway Communications: Challenges and Solutions. IEEE Wireless Communications, 2016, 23, 114-122.	6.6	63
120	Energy-Aware Scheduling for Multi-Hop Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2016, 2, 397-410.	4.9	11
121	Privacy-Preserving Data Classification and Similarity Evaluation for Distributed Systems. , 2016, , .		13
122	Piggybacking Lightweight Control Messages on Physical Layer for Multicarrier Wireless LANs. Lecture Notes in Computer Science, 2016, , 68-79.	1.0	2
123	An Energy-Efficient Strategy for Secondary Users in Cooperative Cognitive Radio Networks for Green Communications. IEEE Journal on Selected Areas in Communications, 2016, 34, 3195-3207.	9.7	19
124	Users First: Service-Oriented Spectrum Auction With a Two-Tier Framework Support. IEEE Journal on Selected Areas in Communications, 2016, 34, 2999-3013.	9.7	28
125	CAKA: a novel certificateless-based cross-domain authenticated key agreement protocol for wireless mesh networks. Wireless Networks, 2016, 22, 2523-2535.	2.0	13
126	Unlicensed Spectra Fusion and Interference Coordination for LTE Systems. IEEE Transactions on Mobile Computing, 2016, 15, 3171-3184.	3.9	10

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127	A Low-Latency Collaborative HARQ Scheme for Control/User-Plane Decoupled Railway Wireless Networks. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2282-2295.	4.7	4
128	Optimal Task Recommendation for Mobile Crowdsourcing With Privacy Control. IEEE Internet of Things Journal, 2016, 3, 745-756.	5.5	57
129	Private Data Analytics on Biomedical Sensing Data via Distributed Computation. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 431-444.	1.9	30
130	An Efficient Tag Search Protocol in Large-Scale RFID Systems With Noisy Channel. IEEE/ACM Transactions on Networking, 2016, 24, 703-716.	2.6	48
131	A Privacy-Preserving Scheme for Incentive-Based Demand Response in the Smart Grid. IEEE Transactions on Smart Grid, 2016, 7, 1304-1313.	6.2	161
132	Energy-Efficient Secondary Traffic Scheduling with MIMO Beamforming. , 2015, , .		2
133	Privacy-Preserving Verifiable Proximity Test for Location-Based Services. , 2015, , .		13
134	Design and Analysis of a Prioritized Adaptive Multiple Access Scheme for VoIP over WLANs. , 2015, , .		2
135	An Energy-Efficient Cooperative Strategy for Secondary Users in Cognitive Radio Networks. , 2015, , .		3
136	A Secure Collaborative Machine Learning Framework Based on Data Locality. , 2015, , .		9
137	Privacy-Preserving Collaborative Learning for Mobile Health Monitoring. , 2015, , .		7
138	Economic-Robust Session Based Spectrum Trading in Multi-Hop Cognitive Radio Networks. , 2015, , .		5
139	Capacity region and dynamic control of wireless networks under per-link queueing. Wireless Communications and Mobile Computing, 2015, 15, 787-799.	0.8	1
140	An Initiative on Connected Vehicles Series. IEEE Transactions on Vehicular Technology, 2015, 64, 865-865.	3.9	0
141	Energy-Adaptive Downlink Resource Allocation in Wireless Cellular Systems. IEEE Transactions on Mobile Computing, 2015, 14, 1833-1846.	3.9	2
142	Sequentially ordered backoff: Towards implicit resource reservation for wireless LANs. , 2015, , .		3
143	Quantifying Benefits in a Business Portfolio for Multi-Operator Spectrum Sharing. IEEE Transactions on Wireless Communications, 2015, 14, 6635-6649.	6.1	61
144	The Network Architecture for Spectrum Trading. Springer Briefs in Electrical and Computer Engineering, 2015, , 1-9.	0.3	1

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145	Connected Vehicles Make Transportation Faster, Safer, Smarter, and Greener!. IEEE Transactions on Vehicular Technology, 2015, 64, 5409-5410.	3.9	8
146	Spectrum Trading in Multi-Hop Cognitive Radio Networks. Springer Briefs in Electrical and Computer Engineering, 2015, , .	0.3	5
147	Resource Harvesting in Cognitive Wireless Computing Networks With Mobile Clouds and Virtualized Distributed Data Centers: Performance Limits. IEEE Transactions on Cognitive Communications and Networking, 2015, 1, 318-334.	4.9	5
148	Control and data signaling decoupled architecture for railway wireless networks. IEEE Wireless Communications, 2015, 22, 103-111.	6.6	42
149	A Privacy-Preserving Attribute-Based Reputation System in Online Social Networks. Journal of Computer Science and Technology, 2015, 30, 578-597.	0.9	11
150	Optimal Threshold Policy for In-Home Smart Grid with Renewable Generation Integration. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1096-1105.	4.0	10
151	Privacy-Preserving Machine Learning Algorithms for Big Data Systems. , 2015, , .		57
152	Verifiable privacy-preserving monitoring for cloud-assisted mHealth systems. , 2015, , .		26
153	Exploring Fine-Grained Resource Rental Planning in Cloud Computing. IEEE Transactions on Cloud Computing, 2015, 3, 304-317.	3.1	20
154	A Trust-Based Privacy-Preserving Friend Recommendation Scheme for Online Social Networks. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 413-427.	3.7	65
155	Optimal Scheduling for Multi-Radio Multi-Channel Multi-Hop Cognitive Cellular Networks. IEEE Transactions on Mobile Computing, 2015, 14, 139-154.	3.9	51
156	Energy Consumption Optimization for Multihop Cognitive Cellular Networks. IEEE Transactions on Mobile Computing, 2015, 14, 358-372.	3.9	45
157	A Session Based Spectrum Trading System Under Uncertain Spectrum Supply. Springer Briefs in Electrical and Computer Engineering, 2015, , 27-45.	0.3	0
158	Soft Reservation Based Prioritized Access: Towards Performance Enhancement for VoIP over WLANs. Lecture Notes in Computer Science, 2015, , 123-133.	1.0	0
159	Economic-Robust Session Based Spectrum Trading. Springer Briefs in Electrical and Computer Engineering, 2015, , 47-59.	0.3	0
160	DataClouds: Enabling Community-Based Data-Centric Services Over the Internet of Things. IEEE Internet of Things Journal, 2014, 1, 472-482.	5.5	64
161	SUM: Spectrum Utilization Maximization in Energy-Constrained Cooperative Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 2105-2116.	9.7	24
162	A Secure Collaborative Machine Learning Framework Based on Data Locality. , 2014, , .		0

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163	Control of photo sharing over Online Social Networks. , 2014, , .		4
164	Spectrum utilization maximization in energy limited cooperative cognitive radio networks. , 2014, , .		4
165	A privacy-preserving task recommendation framework for mobile crowdsourcing. , 2014, , .		16
166	A Privacy-Preserving Attribute-Based Authentication System for Mobile Health Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1927-1941.	3.9	99
167	Delay and capacity in MANETs under random walk mobility model. Wireless Networks, 2014, 20, 525-536.	2.0	16
168	Joint Interference Coordination and Load Balancing for OFDMA Multihop Cellular Networks. IEEE Transactions on Mobile Computing, 2014, 13, 89-101.	3.9	36
169	When Spectrum Meets Clouds: Optimal Session Based Spectrum Trading under Spectrum Uncertainty. IEEE Journal on Selected Areas in Communications, 2014, 32, 615-627.	9.7	34
170	Editorial Message From the Editor-in-Chief. IEEE Transactions on Vehicular Technology, 2014, 63, 2-2.	3.9	0
171	PSaD: A Privacy-Preserving Social-Assisted Content Dissemination Scheme in DTNs. IEEE Transactions on Mobile Computing, 2014, 13, 2903-2918.	3.9	19
172	Energy and Network Aware Workload Management for Sustainable Data Centers with Thermal Storage. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2030-2042.	4.0	129
173	Stochastic minimization of imbalance cost for a virtual power plant in electricity markets. , 2014, , .		9
174	Unknown-Target Information Collection in Sensor-Enabled RFID Systems. IEEE/ACM Transactions on Networking, 2014, 22, 1164-1175.	2.6	16
175	P2P-iSN: a peer-to-peer architecture for heterogeneous social networks. IEEE Network, 2014, 28, 56-64.	4.9	13
176	Design and Analysis of a Prioritized Adaptive Multiple Access Scheme for VoIP over WLANs. , 2014, , .		0
177	Energy-Efficient Secondary Traffic Scheduling with MIMO Beamforming. , 2014, , .		0
178	Privacy-Preserving Verifiable Proximity Test for Location-Based Services. , 2014, , .		2
179	Economic-Robust Session Based Spectrum Trading in Multi-Hop Cognitive Radio Networks. , 2014, , .		0
180	An Energy-Efficient Cooperative Strategy for Secondary Users in Cognitive Radio Networks. , 2014, , .		0

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181	CAM: Cloud-Assisted Privacy Preserving Mobile Health Monitoring. IEEE Transactions on Information Forensics and Security, 2013, 8, 985-997.	4.5	107
182	Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 883-893.	9.7	39
183	Mitigating location management traffic via aggregation in multi-hop cellular networks. Wireless Networks, 2013, 19, 1563-1575.	2.0	2
184	Decentralized Coordination of Energy Utilization for Residential Households in the Smart Grid. IEEE Transactions on Smart Grid, 2013, 4, 1341-1350.	6.2	141
185	A game-theoretic approach for achieving k-anonymity in Location Based Services. , 2013, , .		89
186	Electricity Cost Saving Strategy in Data Centers by Using Energy Storage. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1149-1160.	4.0	145
187	Modeling dynamics of complex wireless networks. , 2013, , .		5
188	An efficient tag search protocol in large-scale RFID systems. , 2013, , .		37
189	Adaptive infection recovery schemes for multicast Delay Tolerant Networks. , 2013, , .		1
190	An efficient prediction-based routing protocol in delay tolerant networks. , 2013, , .		1
191	Privacy-Aware Profiling and Statistical Data Extraction for Smart Sustainable Energy Systems. IEEE Transactions on Smart Grid, 2013, 4, 332-340.	6.2	12
192	Maximizing Lifetime Vector in Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2013, 21, 1187-1200.	2.6	17
193	A Market Based Scheme to Integrate Distributed Wind Energy. IEEE Transactions on Smart Grid, 2013, 4, 976-984.	6.2	24
194	Path Selection under Budget Constraints in Multihop Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2013, 12, 1133-1145.	3.9	19
195	Fine-grained privacy-preserving reputation system for Online Social Networks. , 2013, , .		4
196	Optimal Workload and Energy Storage Management for Cloud Data Centers. , 2013, , .		3
197	Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 279-290.	9.7	6
198	Optimal power and workload management for green data centers with thermal storage. , 2013, , .		1

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