

Nirwan Ansari

List of Publications by Year in descending order

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548
papers

19,199
citations

14655

66
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20358

116
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562
all docs

562
docs citations

562
times ranked

12192
citing authors

#	ARTICLE	IF	CITATIONS
1	On Cooperative Federated Defense to Secure Multi-Access Edge Computing. IEEE Consumer Electronics Magazine, 2024, , 1-1.	2.3	2
2	A Cooperative Defense Framework Against Application-Level DDoS Attacks on Mobile Edge Computing Services. IEEE Transactions on Mobile Computing, 2023, 22, 1-18.	5.8	8
3	Network Slicing for NOMA-Enabled Edge Computing. IEEE Transactions on Cloud Computing, 2023, 11, 811-821.	4.4	11
4	Content Caching and Distribution at Wireless Mobile Edge. IEEE Transactions on Cloud Computing, 2022, 10, 1688-1700.	4.4	12
5	Jointly Optimizing Client Selection and Resource Management in Wireless Federated Learning for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 4385-4395.	8.7	54
6	A Trusted Hybrid Learning Approach to Secure Edge Computing. IEEE Consumer Electronics Magazine, 2022, 11, 30-37.	2.3	9
7	Smart Traffic Monitoring System Using Computer Vision and Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12027-12038.	8.0	27
8	Joint Laser Charging and DBS Placement for Drone-Assisted Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 780-789.	6.3	9
9	On Tethered UAV-Assisted Heterogeneous Network. IEEE Transactions on Vehicular Technology, 2022, 71, 975-983.	6.3	8
10	Long Short-Term Indoor Positioning System via Evolving Knowledge Transfer. IEEE Transactions on Wireless Communications, 2022, 21, 5556-5572.	9.2	5
11	Dynamic Bayesian Network Based Security Analysis for Physical Layer Key Extraction. IEEE Open Journal of the Communications Society, 2022, 3, 379-390.	6.9	5
12	Machine Learning Driven UAV-assisted Edge Computing. , 2022, , .		6
13	Efficient Green Energy Far-Field Wireless Charging for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 23047-23057.	8.7	9
14	Numerology-Capable UAV-MEC for Future Generation Massive IoT Networks. IEEE Internet of Things Journal, 2022, 9, 23860-23868.	8.7	11
15	Joint Wireless Charging and Data Collection for UAV-Enabled Internet of Things Network. IEEE Internet of Things Journal, 2022, 9, 23852-23859.	8.7	9
16	Cyber Security Framework for Vehicular Network Based on a Hierarchical Game. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 429-440.	4.6	9
17	A Trust-Evaluation-Enhanced Blockchain-Secured Industrial IoT System. IEEE Internet of Things Journal, 2021, 8, 5510-5517.	8.7	22
18	Caching in Dynamic IoT Networks by Deep Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 3268-3275.	8.7	28

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19	Blockchain Based Framework for Modeling and Evaluating 5G Spectrum Sharing. IEEE Network, 2021, 35, 229-235.	6.9	18
20	5G Multi-Band Numerology-Based TDD RAN Slicing for Throughput and Latency Sensitive Services. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	8
21	Secure Federated Learning by Power Control for Internet of Drones. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1021-1031.	7.9	27
22	Leveraging Deep Reinforcement Learning for Traffic Engineering: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 2064-2097.	39.4	36
23	Enhancing Federated Learning in Fog-Aided IoT by CPU Frequency and Wireless Power Control. IEEE Internet of Things Journal, 2021, 8, 3438-3445.	8.7	39
24	Wireless Power and Energy Harvesting Control in IoD by Deep Reinforcement Learning. IEEE Transactions on Green Communications and Networking, 2021, 5, 980-989.	5.5	20
25	Budget-Aware Video Crowdsourcing at the Cloud-Enhanced Mobile Edge. IEEE Transactions on Network and Service Management, 2021, 18, 2123-2137.	4.9	7
26	Optimizing the Operation Cost for UAV-Aided Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 6085-6093.	6.3	40
27	TransLoc: A Heterogeneous Knowledge Transfer Framework for Fingerprint-Based Indoor Localization. IEEE Transactions on Wireless Communications, 2021, 20, 3628-3642.	9.2	15
28	Residual-Energy Aware Modeling and Analysis of Time-Varying Wireless Sensor Networks. IEEE Communications Letters, 2021, 25, 2082-2086.	4.1	7
29	Machine Learning-based Signal Detection for PMH Signals in Load-modulated MIMO Systems. IEEE Transactions on Wireless Communications, 2021, 20, 4452-4464.	9.2	3
30	Priority-Based Downlink Wireless Resource Provisioning for Radio Access Network Slicing. IEEE Transactions on Vehicular Technology, 2021, 70, 9273-9281.	6.3	14
31	Latency Aware 3D Placement and User Association in Drone-Assisted Heterogeneous Networks With FSO-Based Backhaul. IEEE Transactions on Vehicular Technology, 2021, 70, 11991-12000.	6.3	14
32	Energy Aware Latency Minimization for Network Slicing Enabled Edge Computing. IEEE Transactions on Green Communications and Networking, 2021, 5, 2150-2159.	5.5	18
33	Laser Charging Enabled DBS Placement for Downlink Communications. IEEE Transactions on Network Science and Engineering, 2021, 8, 3009-3018.	6.4	9
34	Scheduling Green Energy Wireless Charging of IoT Devices. , 2021, , .		6
35	Efficient Multiple Charging Base Stations Assignment for Far-Field Wireless-Charging in Green IoT. , 2021, , .		6
36	Green Cloudlet Network: A Sustainable Platform for Mobile Cloud Computing. IEEE Transactions on Cloud Computing, 2020, 8, 180-192.	4.4	34

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37	Robust WiFi Localization by Fusing Derivative Fingerprints of RSS and Multiple Classifiers. IEEE Transactions on Industrial Informatics, 2020, 16, 3177-3186.	11.3	91
38	Towards Workload Balancing in Fog Computing Empowered IoT. IEEE Transactions on Network Science and Engineering, 2020, 7, 253-262.	6.4	120
39	An FSO-Based Drone Assisted Mobile Access Network for Emergency Communications. IEEE Transactions on Network Science and Engineering, 2020, 7, 1597-1606.	6.4	39
40	An optimal delay aware task assignment scheme for wireless SDN networked edge cloudlets. Future Generation Computer Systems, 2020, 102, 862-875.	7.5	38
41	Flexible backhaul-aware DBS-aided HetNet with IBFD communications. ICT Express, 2020, 6, 48-56.	4.8	7
42	SmartLoc: Smart Wireless Indoor Localization Empowered by Machine Learning. IEEE Transactions on Industrial Electronics, 2020, 67, 6883-6893.	7.9	29
43	A Survey on Fusion-Based Indoor Positioning. IEEE Communications Surveys and Tutorials, 2020, 22, 566-594.	39.4	149
44	Deep Reinforcement Learning for Cooperative Content Caching in Vehicular Edge Computing and Networks. IEEE Internet of Things Journal, 2020, 7, 247-257.	8.7	207
45	Optimizing the Deployment and Throughput of DBSs for Uplink Communications. IEEE Open Journal of Vehicular Technology, 2020, 1, 18-28.	4.9	8
46	Task Allocation in Fog-Aided Mobile IoT by Lyapunov Online Reinforcement Learning. IEEE Transactions on Green Communications and Networking, 2020, 4, 556-565.	5.5	38
47	<i>FedVision:</i> Federated Video Analytics With Edge Computing. IEEE Open Journal of the Computer Society, 2020, 1, 62-72.	7.8	22
48	Power Control in Internet of Drones by Deep Reinforcement Learning. , 2020, , .		8
49	3D Drone Base Station Placement and Resource Allocation With FSO-Based Backhaul in Hotspots. IEEE Transactions on Vehicular Technology, 2020, 69, 3322-3329.	6.3	29
50	A Hybrid Positioning System for Location-Based Services: Design and Implementation. IEEE Communications Magazine, 2020, 58, 90-96.	6.1	24
51	Energy-Efficient Relay-Selection-Based Dynamic Routing Algorithm for IoT-Oriented Software-Defined WSNs. IEEE Internet of Things Journal, 2020, 7, 9050-9065.	8.7	38
52	Guest Editorial: Special Section on Cyber-Physical Social Systemsâ€™ Integrating Human into Computing. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 4-5.	4.6	5
53	Online Task Allocation and Flying Control in Fog-Aided Internet of Drones. IEEE Transactions on Vehicular Technology, 2020, 69, 5562-5569.	6.3	36
54	Energy and Latency Aware Resource Management for Solar Powered Cellular Networks. IEEE Network, 2020, 34, 246-253.	6.9	6

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55	Convergence of Networking and Cloud/Edge Computing: Status, Challenges, and Opportunities. IEEE Network, 2020, 34, 148-155.	6.9	56
56	Latency-Aware IoT Service Provisioning in UAV-Aided Mobile-Edge Computing Networks. IEEE Internet of Things Journal, 2020, 7, 10573-10580.	8.7	93
57	IEEE Access Special Section Editorial: Mobile Edge Computing. IEEE Access, 2020, 8, 106071-106074.	4.2	0
58	Learning-Assisted Secure End-to-End Network Slicing for Cyber-Physical Systems. IEEE Network, 2020, 34, 37-43.	6.9	42
59	A Cooperative Computing Strategy for Blockchain-Secured Fog Computing. IEEE Internet of Things Journal, 2020, 7, 6603-6609.	8.7	43
60	Privacy preserving distributed data mining based on secure multi-party computation. Computer Communications, 2020, 153, 208-216.	5.1	34
61	Jointly Optimized 3D Drone Mounted Base Station Deployment and User Association in Drone Assisted Mobile Access Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 2195-2203.	6.3	26
62	FSO as backhaul and energizer for drone-assisted mobile access networks. ICT Express, 2020, 6, 139-144.	4.8	23
63	An FSO-Based Drone Charging System for Emergency Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 16155-16162.	6.3	12
64	Joint Content Placement and Storage Allocation in C-RANs for IoT Sensing Service. IEEE Internet of Things Journal, 2019, 6, 1060-1067.	8.7	56
65	Energy-Efficient Virtual Radio Access Networks for Multi-Operators Cooperative Cellular Networks. IEEE Transactions on Green Communications and Networking, 2019, 3, 603-614.	5.5	15
66	Profit-Driven User Association and Smart Grid Energy Transfer in Green Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 10111-10120.	6.3	21
67	Energy-Aware Task Allocation for Mobile IoT by Online Reinforcement Learning. , 2019, , .		9
68	Robust TDOA-Based Localization for IoT via Joint Source Position and NLOS Error Estimation. IEEE Internet of Things Journal, 2019, 6, 8529-8541.	8.7	64
69	Energy-Efficient On-Demand Resource Provisioning in Cloud Radio Access Networks. IEEE Transactions on Green Communications and Networking, 2019, 3, 1142-1151.	5.5	17
70	Mitigating Intended Jamming in mmWave MIMO by Hybrid Beamforming. IEEE Wireless Communications Letters, 2019, 8, 1617-1620.	5.0	13
71	Transferred Knowledge Aided Positioning via Global and Local Structural Consistency Constraints. IEEE Access, 2019, 7, 32102-32117.	4.2	8
72	On cost aware cloudlet placement for mobile edge computing. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 926-937.	13.1	65

#	ARTICLE	IF	CITATIONS
73	Approximate Algorithms for 3-D Placement of IBFD Enabled Drone-Mounted Base Stations. IEEE Transactions on Vehicular Technology, 2019, 68, 7715-7722.	6.3	16
74	Fog Resource Provisioning in Reliability-Aware IoT Networks. IEEE Internet of Things Journal, 2019, 6, 8262-8269.	8.7	72
75	A Hybrid Fingerprint Quality Evaluation Model for WiFi Localization. IEEE Internet of Things Journal, 2019, 6, 9829-9840.	8.7	34
76	QoS-Aware Rechargeable UAV Trajectory Optimization for Sensing Service. , 2019, , .		15
77	Cyber Security Game for Intelligent Transportation Systems. IEEE Network, 2019, 33, 216-222.	6.9	29
78	NOMA Aided Narrowband IoT for Machine Type Communications With User Clustering. IEEE Internet of Things Journal, 2019, 6, 7183-7191.	8.7	70
79	Hierarchical Capacity Provisioning for Fog Computing. IEEE/ACM Transactions on Networking, 2019, 27, 962-971.	3.8	25
80	QoS-Aware Power Control in Internet of Drones for Data Collection Service. IEEE Transactions on Vehicular Technology, 2019, 68, 6649-6656.	6.3	48
81	Improved Robust TOA-Based Localization via NLOS Balancing Parameter Estimation. IEEE Transactions on Vehicular Technology, 2019, 68, 6177-6181.	6.3	49
82	Toward Green IoT: Energy Solutions and Key Challenges. IEEE Communications Magazine, 2019, 57, 104-110.	6.1	128
83	A Framework for 5G Networks with In-Band Full-Duplex Enabled Drone-Mounted Base-Stations. IEEE Wireless Communications, 2019, 26, 121-127.	9.0	33
84	On Mobile Edge Caching. IEEE Communications Surveys and Tutorials, 2019, 21, 2525-2553.	39.4	161
85	Joint Drone Association and Content Placement in Cache-Enabled Internet of Drones. , 2019, , .		1
86	Backhaul-Aware Uplink Communications in Full-Duplex DBS-Aided HetNets. , 2019, , .		2
87	A Cooperative Drone Assisted Mobile Access Network for Disaster Emergency Communications. , 2019, , .		9
88	SoarNet. IEEE Wireless Communications, 2019, 26, 37-43.	9.0	25
89	Accurate WiFi Localization by Unsupervised Fusion of Extended Candidate Location Set. IEEE Internet of Things Journal, 2019, 6, 2476-2485.	8.7	38
90	On the Number and 3-D Placement of In-Band Full-Duplex Enabled Drone-Mounted Base-Stations. IEEE Wireless Communications Letters, 2019, 8, 221-224.	5.0	26

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91	Towards Traffic Load Balancing in Drone-Assisted Communications for IoT. IEEE Internet of Things Journal, 2019, 6, 3633-3640.	8.7	50
92	QoS-Aware Fog Resource Provisioning and Mobile Device Power Control in IoT Networks. IEEE Transactions on Network and Service Management, 2019, 16, 167-175.	4.9	69
93	Caching in Energy Harvesting Aided Internet of Things: A Game-Theoretic Approach. IEEE Internet of Things Journal, 2019, 6, 3194-3201.	8.7	62
94	Energy Efficient Resource Allocation in EH-Enabled CR Networks for IoT. IEEE Internet of Things Journal, 2019, 6, 3186-3193.	8.7	42
95	Resource Allocation in UAV-Assisted M2M Communications for Disaster Rescue. IEEE Wireless Communications Letters, 2019, 8, 580-583.	5.0	87
96	Expectation Maximization Indoor Localization Utilizing Supporting Set for Internet of Things. IEEE Internet of Things Journal, 2019, 6, 2573-2582.	8.7	28
97	Adaptive Avatar Handoff in the Cloudlet Network. IEEE Transactions on Cloud Computing, 2019, 7, 664-676.	4.4	27
98	Workload Allocation in Hierarchical Cloudlet Networks. IEEE Communications Letters, 2018, 22, 820-823.	4.1	61
99	Reducing the Impact of Handovers in Ground-to-Train Free Space Optical Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 1292-1301.	6.3	27
100	Indoor Localization by Fusing a Group of Fingerprints Based on Random Forests. IEEE Internet of Things Journal, 2018, 5, 4686-4698.	8.7	77
101	Application Aware Workload Allocation for Edge Computing-Based IoT. IEEE Internet of Things Journal, 2018, 5, 2146-2153.	8.7	186
102	A Survey on Acquisition, Tracking, and Pointing Mechanisms for Mobile Free-Space Optical Communications. IEEE Communications Surveys and Tutorials, 2018, 20, 1104-1123.	39.4	209
103	Energy-Aware Virtual Machine Management in Inter-Datacenter Networks Over Elastic Optical Infrastructure. IEEE Transactions on Green Communications and Networking, 2018, 2, 305-315.	5.5	15
104	Edge Computing Aware NOMA for 5G Networks. IEEE Internet of Things Journal, 2018, 5, 1299-1306.	8.7	253
105	Dynamic Resource Caching in the IoT Application Layer for Smart Cities. IEEE Internet of Things Journal, 2018, 5, 606-613.	8.7	81
106	Traffic Load Balancing Among Brokers at the IoT Application Layer. IEEE Transactions on Network and Service Management, 2018, 15, 489-502.	4.9	33
107	Optimal Positioning of Ground Base Stations in Free-Space Optical Communications for High-Speed Trains. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1940-1949.	8.0	38
108	Optimal Code Partitioning Over Time and Hierarchical Cloudlets. IEEE Communications Letters, 2018, 22, 181-184.	4.1	15

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109	Knowledge Aided Adaptive Localization via Global Fusion Profile. IEEE Internet of Things Journal, 2018, 5, 1081-1089.	8.7	28
110	Profit Maximization for Geographically Dispersed Green Data Centers. IEEE Transactions on Smart Grid, 2018, 9, 703-711.	9.0	47
111	Revealing connectivity structural patterns among web objects based on co-clustering of bipartite request dependency graph. Wireless Networks, 2018, 24, 439-451.	3.0	0
112	A Hierarchical Detection and Response System to Enhance Security Against Lethal Cyber-Attacks in UAV Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1594-1606.	9.3	150
113	Improving SDN Scalability With Protocol-Oblivious Source Routing: A System-Level Study. IEEE Transactions on Network and Service Management, 2018, 15, 275-288.	4.9	35
114	Energy-Efficient On-Demand Cloud Radio Access Networks Virtualization. , 2018, , .		9
115	Reliability-Aware Fog Resource Provisioning for Deadline-Driven IoT Services. , 2018, , .		20
116	Joint Radio and Computation Resource Management for Low Latency Mobile Edge Computing. , 2018, , .		19
117	High Capacity Spectrum Allocation for Multiple D2D Users Reusing Downlink Spectrum in LTE. , 2018, , .		7
118	Placing Multiple Drone Base Stations in Hotspots. , 2018, , .		13
119	A Two-Tier Edge Computing Based Model for Advanced Traffic Detection. , 2018, , .		4
120	A Fractional Programming Method for Target Localization in Asynchronous Networks. IEEE Access, 2018, 6, 56727-56736.	4.2	2
121	Jointly Optimizing Drone-Mounted Base Station Placement and User Association in Heterogeneous Networks. , 2018, , .		29
122	Reducing the Number of FSO Base Stations With Dual Transceivers for Next-Generation Ground-to-Train Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 11143-11153.	6.3	18
123	Mobile Edge Computing Empowers Internet of Things. IEICE Transactions on Communications, 2018, E101.B, 604-619.	0.7	80
124	Dual-Battery Enabled Profit Driven User Association in Green Heterogeneous Cellular Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 1002-1011.	5.5	12
125	Dual-Battery Enabled Green Proximal M2M Communications in LPWA for IoT. , 2018, , .		2
126	Efficient Deployment of UAVs for Maximum Wireless Coverage Using Genetic Algorithm. , 2018, , .		15

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127	Joint spectrum allocation and energy harvesting optimization in green powered heterogeneous cognitive radio networks. Computer Communications, 2018, 127, 36-49.	5.1	13
128	Accurate WiFi Localization by Fusing a Group of Fingerprints via a Global Fusion Profile. IEEE Transactions on Vehicular Technology, 2018, 67, 7314-7325.	6.3	69
129	Towards Throughput Aware and Energy Aware Traffic Load Balancing in Heterogeneous Networks with Hybrid Power Supplies. IEEE Transactions on Green Communications and Networking, 2018, 2, 890-898.	5.5	12
130	A Hybrid RF-VLC System for Energy Efficient Wireless Access. IEEE Transactions on Green Communications and Networking, 2018, 2, 932-944.	5.5	53
131	3-D Drone-Base-Station Placement With In-Band Full-Duplex Communications. IEEE Communications Letters, 2018, 22, 1902-1905.	4.1	49
132	On Designing Energy-Efficient Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 721-734.	5.5	43
133	Joint localization of multiple sources from incomplete noisy Euclidean distance matrix in wireless networks. Computer Communications, 2018, 122, 20-29.	5.1	13
134	QoS-Aware Joint BBU-RRH Mapping and User Association in Cloud-RANs. IEEE Transactions on Green Communications and Networking, 2018, 2, 881-889.	5.5	41
135	Content Caching and Distribution in Smart Grid Enabled Wireless Networks. IEEE Internet of Things Journal, 2017, 4, 513-520.	8.7	24
136	Network Utility Aware Traffic Load Balancing in Backhaul-Constrained Cache-Enabled Small Cell Networks with Hybrid Power Supplies. IEEE Transactions on Mobile Computing, 2017, 16, 2819-2832.	5.8	55
137	Green Cloudlet Network: A Distributed Green Mobile Cloud Network. IEEE Network, 2017, 31, 64-70.	6.9	48
138	Smart Grid Enabled Mobile Networks: Jointly Optimizing BS Operation and Power Distribution. IEEE/ACM Transactions on Networking, 2017, 25, 1832-1845.	3.8	42
139	Provisioning Internet Access Using FSO in High-Speed Rail Networks. IEEE Network, 2017, 31, 96-101.	6.9	35
140	Cooperative RAN Caching Based on Local Altruistic Game for Single and Joint Transmissions. IEEE Communications Letters, 2017, 21, 853-856.	4.1	16
141	On Divergence-Angle Efficiency of a Laser Beam in Free-Space Optical Communications for High-Speed Trains. IEEE Transactions on Vehicular Technology, 2017, 66, 7677-7687.	6.3	43
142	On The Fundamental Energy Trade-offs of Geographical Load Balancing. , 2017, 55, 170-175.		8
143	Energy and Traffic Aware Full-Duplex Communications for 5G Systems. IEEE Access, 2017, 5, 11278-11290.	4.2	35
144	Distributed Energy-Spectrum Trading in Green Cognitive Radio Cellular Networks. IEEE Transactions on Green Communications and Networking, 2017, 1, 253-263.	5.5	15

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145	Wavelength channel bonding for 100 Gb/s next generation Passive Optical Networks. , 2017, , .		3
146	Green Relay Assisted D2D Communications With Dual Batteries in Heterogeneous Cellular Networks for IoT. IEEE Internet of Things Journal, 2017, 4, 1707-1715.	8.7	83
147	Energy Driven Avatar Migration in Green Cloudlet Networks. IEEE Communications Letters, 2017, 21, 1601-1604.	4.1	32
148	Latency Aware Workload Offloading in the Cloudlet Network. IEEE Communications Letters, 2017, 21, 1481-1484.	4.1	114
149	Resource Exchange in Smart Grid Connected Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 6291-6298.	6.3	8
150	Channel bonding for Next Generation Passive Optical Network Stage 2 (NG-PON2). , 2017, , .		3
151	Toward Hierarchical Mobile Edge Computing: An Auction-Based Profit Maximization Approach. IEEE Internet of Things Journal, 2017, 4, 2082-2091.	8.7	139
152	Distributed energy and resource management for full-duplex dense small cells for 5G. , 2017, , .		3
153	Secure multi-party data communications in cloud augmented IoT environment. , 2017, , .		1
154	Big-data-driven network partitioning for ultra-dense radio access networks. , 2017, , .		5
155	Cost Aware cloudlet Placement for big data processing at the edge. , 2017, , .		72
156	Throughput aware and green energy aware user association in heterogeneous networks. , 2017, , .		6
157	Impairment- and Splitting-Aware Cloud-Ready Multicast Provisioning in Elastic Optical Networks. IEEE/ACM Transactions on Networking, 2017, 25, 1220-1234.	3.8	48
158	Cloud service reliability modelling and optimal task scheduling. IET Communications, 2017, 11, 161-167.	2.2	28
159	Intrusion Detection and Ejection Framework Against Lethal Attacks in UAV-Aided Networks: A Bayesian Game-Theoretic Methodology. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1143-1153.	8.0	109
160	Big Data Driven Hidden Markov Model Based Individual Mobility Prediction at Points of Interest. IEEE Transactions on Vehicular Technology, 2017, 66, 5204-5216.	6.3	109
161	Latency Aware Drone Base Station Placement in Heterogeneous Networks. , 2017, , .		32
162	Joint Caching in Fronthaul and Backhaul Constrained C-RAN. , 2017, , .		7

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163	Data-Driven Network Optimization in Ultra-Dense Radio Access Networks. , 2017, , .		1
164	Indoor Localization Using Visible Light Via Fusion of Multiple Classifiers. IEEE Photonics Journal, 2017, 9, 1-16.	2.0	75
165	Profit Driven User Association with Dual Batteries in Green Heterogeneous Cellular Networks. , 2017, , .		3
166	Localization by Fusing a Group of Fingerprints via Multiple Antennas in Indoor Environment. IEEE Transactions on Vehicular Technology, 2017, 66, 9904-9915.	6.3	45
167	Channel Bonding Design for 100 Gb/s PON Based on FEC Codeword Alignment. , 2017, , .		4
168	Content Caching and User Scheduling in Heterogeneous Wireless Networks. , 2016, , .		6
169	Optimizing Uplink Resource Allocation for D2D Overlaying Cellular Networks with Power Control. , 2016, , .		12
170	Revenue Driven Virtual Machine Management in Green Datacenter Networks Towards Big Data. , 2016, , .		4
171	Green Relay Assisted D2D Communications with Dual Battery for IoT. , 2016, , .		13
172	Sub-channel allocation in green powered heterogeneous cognitive radio networks. , 2016, , .		8
173	EdgeloT: Mobile Edge Computing for the Internet of Things. IEEE Communications Magazine, 2016, 54, 22-29.	6.1	908
174	Design and Analysis of Green Optical Line Terminals for TDM Passive Optical Networks. Journal of Optical Communications and Networking, 2016, 8, 221.	4.8	7
175	Spark-Based Large-Scale Matrix Inversion for Big Data Processing. IEEE Access, 2016, 4, 2166-2176.	4.2	43
176	Optimizing Resource Utilization of a Data Center. IEEE Communications Surveys and Tutorials, 2016, 18, 2822-2846.	39.4	66
177	Green energy aware user association in heterogeneous networks. , 2016, , .		16
178	Software-defined network virtualization: an architectural framework for integrating SDN and NFV for service provisioning in future networks. IEEE Network, 2016, 30, 10-16.	6.9	128
179	Anycast Planning in Space Division Multiplexing Elastic Optical Networks With Multi-Core Fibers. IEEE Communications Letters, 2016, 20, 1983-1986.	4.1	40
180	PRIMAL: PProfit Maximization Avatar pPlacement for mobile edge computing. , 2016, , .		55

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181	Mobile internet: content, security and terminal. International Journal of Communication Systems, 2016, 29, 2062-2064.	2.5	1
182	Green energy driven user association in cellular networks with dual battery system. , 2016, , .		9
183	Spark-based large-scale matrix inversion for big data processing. , 2016, , .		1
184	Intelligent battery management for cellular networks with hybrid energy supplies. , 2016, , .		3
185	Data and energy cooperation in relay-enhanced OFDM systems. , 2016, , .		8
186	A Fundamental Tradeoff Between Total and Brown Power Consumption in Geographically Dispersed Data Centers. IEEE Communications Letters, 2016, 20, 1955-1958.	4.1	14
187	Welcome message from general chairs. , 2016, , .		0
188	Gate: greening at the edges. IEEE Wireless Communications, 2016, 23, 62-69.	9.0	5
189	Freenet: Spectrum and energy harvesting wireless networks. IEEE Network, 2016, 30, 66-71.	6.9	9
190	Big data for networking [Guest Editorial]. IEEE Network, 2016, 30, 4-5.	6.9	3
191	A Bias-Reduced Nonlinear WLS Method for TDOA/FDOA-Based Source Localization. IEEE Transactions on Vehicular Technology, 2016, 65, 8603-8615.	6.3	67
192	Provisioning Green Energy for Base Stations in Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5439-5448.	6.3	29
193	Request Dependency Graph: A Model for Web Usage Mining in Large-Scale Web of Things. IEEE Internet of Things Journal, 2016, 3, 598-608.	8.7	11
194	Optimal Cooperative Power Allocation for Energy-Harvesting-Enabled Relay Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2424-2434.	6.3	57
195	A Traffic Load Balancing Framework for Software-Defined Radio Access Networks Powered by Hybrid Energy Sources. IEEE/ACM Transactions on Networking, 2016, 24, 1038-1051.	3.8	115
196	SONAR: A scalable stream-oriented system for real-time network traffic measurements. , 2015, , .		0
197	Multi-sensor signal fusion-based modulation classification by using wireless sensor networks. Wireless Communications and Mobile Computing, 2015, 15, 1621-1632.	1.2	6
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