

Alagan Anpalagan

List of Publications by Year
in descending order

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411
papers

8,125
citations

61984

43
h-index

82547

72
g-index

417
all docs

417
docs citations

417
times ranked

7446
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud Firewall Under Bursty and Correlated Data Traffic: A Theoretical Analysis. IEEE Transactions on Cloud Computing, 2022, 10, 1620-1633.	4.4	6
2	Three-Dimensional Multi-UAV Placement and Resource Allocation for Energy-Efficient IoT Communication. IEEE Internet of Things Journal, 2022, 9, 2134-2152.	8.7	33
3	Secure Throughput Optimization for Cache-Enabled Multi-UAVs Networks. IEEE Internet of Things Journal, 2022, 9, 7783-7801.	8.7	9
4	An Adaptive Transmission Mode Selection Scheme for Cellular Underlaid D2D Communication. International Journal of Wireless Information Networks, 2022, 29, 58-79.	2.7	0
5	Resource optimization in UAV-assisted wireless networks—A comprehensive survey. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	12
6	Evaluation of Noise Distributions for Additive and Multiplicative Smart Meter Data Obfuscation. IEEE Access, 2022, 10, 27717-27735.	4.2	3
7	Performance comparison of single and ensemble CNN, LSTM and traditional ANN models for short-term electricity load forecasting. Journal of Engineering, 2022, 2022, 550-565.	1.1	8
8	Smart Meter Data Masking Using Conditional Generative Adversarial Networks. Electric Power Systems Research, 2022, 209, 108033.	3.6	1
9	AI Empowered Computing Resource Allocation in Vehicular Ad-hoc NETWORKS. , 2022, , .		2
10	Artificial Bee optimization aided joint user association and resource allocation in HCRAN. Applied Soft Computing Journal, 2022, 125, 109152.	7.2	3
11	Priority-based resource allocation in wireless powered UAV-assisted networks. IET Networks, 2022, 11, 156-168.	1.8	1
12	Computing-Aware Base Station Sleeping Mechanism in H-CRAN-Cloud-Edge Networks. IEEE Transactions on Cloud Computing, 2021, 9, 958-967.	4.4	23
13	IoV-Based Deployment and Scheduling of Charging Infrastructure in Intelligent Transportation Systems. IEEE Sensors Journal, 2021, 21, 15504-15514.	4.7	17
14	Optimal Security-Aware Virtual Machine Management for Mobile Edge Computing Over 5G Networks. IEEE Systems Journal, 2021, 15, 3403-3414.	4.6	5
15	Energy Cooperation with Sleep Mechanism in Renewable Energy Assisted Cellular HetNets. Wireless Personal Communications, 2021, 116, 105-124.	2.7	6
16	Nonlinear Pricing Based Distributed Offloading in Multi-User Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 1077-1082.	6.3	9
17	Deep Reinforcement Learning Based Active Queue Management for IoT Networks. Journal of Network and Systems Management, 2021, 29, 1.	4.9	16
18	Cognitive Neighbor Discovery With Directional Antennas in Self-Organizing IoT Networks. IEEE Internet of Things Journal, 2021, 8, 6865-6877.	8.7	6

#	ARTICLE	IF	CITATIONS
19	D2D-enabled resource management in secrecy-ensured 5G and beyond Heterogeneous networks. <i>Physical Communication</i> , 2021, 45, 101275.	2.1	16
20	QoS-aware Energy Saving Scheme and Traffic Management in Mobile Edge Computing Networks. , 2021, , .		0
21	Full-Duplex Relaying based on Distributed Decoding in OFDM Systems. , 2021, , .		0
22	Performance of cache placement using supervised learning techniques in mobile edge networks. <i>IET Networks</i> , 2021, 10, 304-321.	1.8	2
23	Optimal Security Risk Management Mechanism for the 5G Cloudified Infrastructure. <i>IEEE Transactions on Network and Service Management</i> , 2021, 18, 1260-1274.	4.9	4
24	Energy Efficient Downlink Resource Allocation in Cellular IoT Supported H-CRANs. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 5803-5816.	6.3	18
25	Energy efficient resource allocation in cache-enabled fog networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021, 32, e4343.	3.9	2
26	Energy-Efficient and Real-Time NOMA Scheduling in IoMT-Based Three-Tier WBANs. <i>IEEE Internet of Things Journal</i> , 2021, 8, 13975-13990.	8.7	14
27	A low complexity enhanced-NOMA scheme to reduce inter-user interference, BER and PAPR in 5G wireless systems. <i>Physical Communication</i> , 2021, 48, 101412.	2.1	9
28	Empowering Edge Intelligence by Air-Ground Integrated Federated Learning. <i>IEEE Network</i> , 2021, 35, 34-41.	6.9	26
29	Guest Editorial Special Issue on "Green Communication and Computing Technologies for 6G Networks" in <i>IEEE Transactions on Green Communications and Networking</i> . <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 1653-1656.	5.5	2
30	Performance Analysis of LSTMs for Daily Individual EV Charging Behavior Prediction. <i>IEEE Access</i> , 2021, 9, 154804-154814.	4.2	2
31	Device-centric communication in IoT: An energy efficiency perspective. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e3750.	3.9	7
32	Dynamic Power-Latency Tradeoff for Mobile Edge Computation Offloading in NOMA-Based Networks. <i>IEEE Internet of Things Journal</i> , 2020, 7, 2763-2776.	8.7	36
33	Joint Access and Resource Allocation in Ultradense mmWave NOMA Networks With Mobile Edge Computing. <i>IEEE Internet of Things Journal</i> , 2020, 7, 1531-1547.	8.7	29
34	Efficient scheduling of video camera sensor networks for IoT systems in smart cities. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e3798.	3.9	7
35	Joint bagged-boosted artificial neural networks: Using ensemble machine learning to improve short-term electricity load forecasting. <i>Electric Power Systems Research</i> , 2020, 179, 106080.	3.6	95
36	Resource Cube: Multi-Virtual Resource Management for Integrated Satellite-Terrestrial Industrial IoT Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 11963-11974.	6.3	15

#	ARTICLE	IF	CITATIONS
37	Policy-Gradient and Actor-Critic Based State Representation Learning for Safe Driving of Autonomous Vehicles. <i>Sensors</i> , 2020, 20, 5991.	3.8	8
38	When Agile Security Meets 5G. <i>IEEE Access</i> , 2020, 8, 166212-166225.	4.2	6
39	Short-term Individual Electric Vehicle Charging Behavior Prediction Using Long Short-term Memory Networks. , 2020, , .		6
40	Opportunistic Utilization of Dynamic Multi-UAV in Device-to-Device Communication Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020, 6, 1069-1083.	7.9	25
41	Opportunistic Data Collection in Cognitive Wireless Sensor Networks: Airâ€“Ground Collaborative Online Planning. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8837-8851.	8.7	29
42	Opportunistic UAV Utilization in Wireless Networks: Motivations, Applications, and Challenges. <i>IEEE Communications Magazine</i> , 2020, 58, 62-68.	6.1	75
43	Efficient Resource Allocation in SCMA-Enabled Device-to-Device Communication for 5G Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 5343-5354.	6.3	30
44	Toward Tactile Internet in Beyond 5G Era: Recent Advances, Current Issues, and Future Directions. <i>IEEE Access</i> , 2020, 8, 56948-56991.	4.2	114
45	Dynamic Spectrum Anti-Jamming in Broadband Communications: A Hierarchical Deep Reinforcement Learning Approach. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 1616-1619.	5.0	15
46	Energy Efficient SCMA Supported Downlink Cloud-RANs for 5G Networks. <i>IEEE Access</i> , 2020, 8, 1416-1430.	4.2	11
47	A New Block-Based Reinforcement Learning Approach for Distributed Resource Allocation in Clustered IoT Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 2891-2904.	6.3	21
48	Learning paradigms for communication and computing technologies in IoT systems. <i>Computer Communications</i> , 2020, 153, 11-25.	5.1	17
49	Smart Meter Data Obfuscation Using Correlated Noise. <i>IEEE Internet of Things Journal</i> , 2020, 7, 7250-7264.	8.7	16
50	A comprehensive survey on resource allocation for CRAN in 5G and beyond networks. <i>Journal of Network and Computer Applications</i> , 2020, 160, 102638.	9.1	52
51	Optimal Security Cost for Latency-Aware Service Provisioning in Mobile Edge Computing. , 2020, , .		0
52	Sparse Code Multiple Access-Based Edge Computing for IoT Systems. <i>IEEE Internet of Things Journal</i> , 2019, 6, 7152-7161.	8.7	18
53	On Provision of Resilient Connectivity in Cognitive Unmanned Aerial Vehicles. , 2019, , .		3
54	Renewable Energy Assisted Sustainable and Environment Friendly Energy Cooperation in Cellular Networks. <i>Wireless Personal Communications</i> , 2019, 108, 2585-2607.	2.7	8

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55	Joint Communication and Computing Resource Allocation in 5G Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 9122-9135.	6.3	35
56	Fair Data Allocation and Trajectory Optimization for UAV-Assisted Mobile Edge Computing. IEEE Communications Letters, 2019, 23, 2357-2361.	4.1	67
57	Joint Multi-User Computation Offloading and Data Caching for Hybrid Mobile Cloud/Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 11018-11030.	6.3	66
58	Self-Organizing Relay Selection in UAV Communication Networks: A Matching Game Perspective. IEEE Wireless Communications, 2019, 26, 102-110.	9.0	68
59	PROBABILISTIC MODELING AND ANALYSIS OF DNA FRAGMENTATION. Journal of Biological Systems, 2019, 27, 281-307.	1.4	2
60	Two-Tier Architecture for Spectrum Auction in SDN-Enabled Cloud Radio Access Network. IEEE Transactions on Vehicular Technology, 2019, 68, 9191-9204.	6.3	9
61	Opportunistic Data Ferrying in UAV-Assisted D2D Networks: A Dynamic Hierarchical Game. , 2019, , .		11
62	Energy Efficient Relay Selection and Routing in Diffusion-based Molecular Communication. , 2019, , .		2
63	Joint Trajectory Design, Task Data, and Computing Resource Allocations for NOMA-Based and UAV-Assisted Mobile Edge Computing. IEEE Access, 2019, 7, 117448-117459.	4.2	45
64	Task-Driven Relay Assignment in Distributed UAV Communication Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 11003-11017.	6.3	69
65	Mobile Cloud Storage Over 5G: A Mechanism Design Approach. IEEE Systems Journal, 2019, 13, 4060-4071.	4.6	8
66	Emerging Edge Computing Technologies for Distributed IoT Systems. IEEE Network, 2019, 33, 140-147.	6.9	51
67	Resource allocation in RF energy harvesting-assisted underlay D2D communication. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3589.	3.9	3
68	Principles and Challenges of Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2019, , 381-411.		0
69	Non-Orthogonal Radio Resource Management for RF Energy Harvested 5G Networks. IEEE Access, 2019, 7, 46550-46561.	4.2	7
70	Distributed energy-efficient channel assignment in cognitive mesh network for IoT systems. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3607.	3.9	4
71	A SDN-Assisted Energy Saving Scheme for Cooperative Edge Computing Networks. , 2019, , .		4
72	Joint optimisation of radio and infrastructure resources for energy-efficient massive data storage in the mobile cloud over 5G HetNet. IET Wireless Sensor Systems, 2019, 9, 323-332.	1.7	10

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73	Context-Aware Group Buying in Ultra-Dense Small Cell Networks: Unity Is Strength. IEEE Wireless Communications, 2019, 26, 118-125.	9.0	27
74	EDGE AI for Heterogeneous and Massive IoT Networks. , 2019, , .		3
75	A Game-Theoretic Learning Approach for Anti-Jamming Dynamic Spectrum Access in Dense Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 1646-1656.	6.3	63
76	An Incentive Mechanism Design View for Hybrid Access in Small Cell Networks: Keeping a Secret Is Not Smart. IEEE Systems Journal, 2019, 13, 542-553.	4.6	0
77	Internet of Things for Smart Cities. Springer Briefs in Electrical and Computer Engineering, 2019, , .	0.5	22
78	Internet of Things for Smart Cities: Overview and Key Challenges. Springer Briefs in Electrical and Computer Engineering, 2019, , 1-15.	0.5	31
79	Communication Technologies and Protocols for Internet of Things. Springer Briefs in Electrical and Computer Engineering, 2019, , 17-30.	0.5	7
80	OFDM Signal Recovery in Deep Faded Erasure Channel. IEEE Access, 2019, 7, 38798-38812.	4.2	3
81	Resource Management in Multicloud IoT Radio Access Network. IEEE Internet of Things Journal, 2019, 6, 3014-3023.	8.7	17
82	Industrial Internet of Things Driven by SDN Platform for Smart Grid Resiliency. IEEE Internet of Things Journal, 2019, 6, 267-277.	8.7	111
83	Green Metric Optimization in Cooperative Cognitive Radio Networks With Statistical Interference Parameters. IEEE Systems Journal, 2018, 12, 1034-1037.	4.6	9
84	A unified analytical framework for distributed variable step size LMS algorithms in sensor networks. Telecommunication Systems, 2018, 69, 447-459.	2.5	4
85	Mean Field Game-Theoretic Framework for Interference and Energy-Aware Control in 5G Ultra-Dense Networks. IEEE Wireless Communications, 2018, 25, 114-121.	9.0	28
86	Energy Efficiency on Fully Cloudified Mobile Networks: Survey, Challenges, and Open Issues. IEEE Communications Surveys and Tutorials, 2018, 20, 1271-1291.	39.4	34
87	A Game-Theoretic Approach for Optimal Distributed Cooperative Hybrid Caching in D2D Networks. IEEE Wireless Communications Letters, 2018, 7, 324-327.	5.0	20
88	Resource management in cellular base stations powered by renewable energy sources. Journal of Network and Computer Applications, 2018, 112, 1-17.	9.1	20
89	DISCO: Interference-Aware Distributed Cooperation with Incentive Mechanism for 5G Heterogeneous Ultra-Dense Networks. IEEE Communications Magazine, 2018, 56, 198-204.	6.1	19
90	Call Admission Control for Non-Standalone 5G Ultra-Dense Networks. IEEE Communications Letters, 2018, 22, 1058-1061.	4.1	24

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91	Anti-Jamming Communications Using Spectrum Waterfall: A Deep Reinforcement Learning Approach. IEEE Communications Letters, 2018, 22, 998-1001.	4.1	151
92	Biologically Inspired Cooperative Spectrum Sensing Scheme for Maritime Cognitive Radio Networks. IEEE Systems Journal, 2018, 12, 2141-2151.	4.6	6
93	A survey and taxonomy on nonorthogonal multiple access schemes for 5G networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3202.	3.9	39
94	Multiple Power Line Outage Detection in Smart Grids: Probabilistic Bayesian Approach. IEEE Access, 2018, 6, 10650-10661.	4.2	22
95	A genetic algorithm-based method for optimizing the energy consumption and performance of multiprocessor systems. Soft Computing, 2018, 22, 3271-3285.	3.6	25
96	Cross Layer Optimization for ZigBee-Based Transmission Line Monitoring and Data Collection. Wireless Personal Communications, 2018, 98, 1413-1433.	2.7	0
97	Swarm Intelligence Based Resource Management for Cooperative Cognitive Radio Network in Smart Hospitals. Wireless Personal Communications, 2018, 98, 571-592.	2.7	8
98	An insight to the performance of estimation of distribution algorithm for multiple line outage identification. Swarm and Evolutionary Computation, 2018, 39, 114-122.	8.1	10
99	Distributed TOA-Based Positioning in Wireless Sensor Networks: A Potential Game Approach. IEEE Communications Letters, 2018, 22, 316-319.	4.1	28
100	Devices to Devices (Ds2Ds) Communication: Towards Energy Efficient IoT. , 2018, , .		3
101	Fuzzy Soft-Set Based Approach for Femto-Caching in Wireless Networks. , 2018, , .		2
102	Analysis of joint parallelism in wireless and cloud domains on mobile edge computing over 5G systems. Journal of Communications and Networks, 2018, 20, 565-577.	2.6	17
103	Performance of integrated workload scheduling and pre-fetching in multimedia mobile cloud computing. Journal of Cloud Computing: Advances, Systems and Applications, 2018, 7, .	3.9	6
104	On Base Station Sleeping for Heterogeneous Cloud-Fog Computing Networks. , 2018, , .		1
105	Resource Management in Energy Harvesting Cooperative IoT Network under QoS Constraints. Sensors, 2018, 18, 3560.	3.8	11
106	Tor Traffic Classification from Raw Packet Header using Convolutional Neural Network. , 2018, , .		18
107	Context Awareness Group Buying in D2D Networks: A Coalition Formation Game-Theoretic Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 12259-12272.	6.3	30
108	Stackelberg Game Approaches for Anti-Jamming Defence in Wireless Networks. IEEE Wireless Communications, 2018, 25, 120-128.	9.0	109

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109	Renewable Energy Assisted Traffic Aware Cellular Base Station Energy Cooperation. <i>Energies</i> , 2018, 11, 99.	3.1	20
110	A Dynamic Priority Service Provision Scheme for Delay-Sensitive Applications in Fog Computing. , 2018, ,		9
111	Directed-Hypergraph-Based Channel Allocation for Ultradense Cloud D2D Communications With Asymmetric Interference. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 7712-7718.	6.3	16
112	A user-centric cooperative edge caching scheme for minimizing delay in 5G content delivery networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018, 29, e3461.	3.9	6
113	A Multi-Domain Anti-Jamming Defense Scheme in Heterogeneous Wireless Networks. <i>IEEE Access</i> , 2018, 6, 40177-40188.	4.2	30
114	Joint Interference Management in Ultra-Dense Small-Cell Networks: A Multi-Domain Coordination Perspective. <i>IEEE Transactions on Communications</i> , 2018, 66, 5470-5481.	7.8	31
115	Energy efficiency of cooperative D2D communications underlying LTE-A networks. <i>MATEC Web of Conferences</i> , 2018, 189, 03016.	0.2	1
116	Joint user selection, mode assignment, and power allocation in cognitive radio-assisted D2D networks. <i>IET Communications</i> , 2018, 12, 1207-1214.	2.2	6
117	Congestion and overload control techniques in massive M2M systems: a survey. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017, 28, e2936.	3.9	29
118	Localization in terrestrial and underwater sensor-based m2m communication networks: architecture, classification and challenges. <i>International Journal of Communication Systems</i> , 2017, 30, e2997.	2.5	17
119	An energy-aware load-balanced routing protocol for ad hoc M2M communications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017, 28, e2963.	3.9	4
120	Adaptive Management of Cognitive Radio Networks Employing Femtocells. <i>IEEE Systems Journal</i> , 2017, 11, 2687-2698.	4.6	9
121	Medium access control techniques in M2M communication: survey and critical review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017, 28, e2869.	3.9	35
122	Resource allocation and congestion control in clustered M2M communication using Q-learning. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017, 28, e3039.	3.9	18
123	Efficient Energy Management for the Internet of Things in Smart Cities. , 2017, 55, 84-91.		360
124	Efficient Joint User Association and Resource Allocation for Cloud Radio Access Networks. <i>IEEE Access</i> , 2017, 5, 1439-1448.	4.2	38
125	Wavelet-based cognitive SCMA system for mmWave 5G communication networks. <i>IET Communications</i> , 2017, 11, 831-836.	2.2	15
126	Simultaneous Power and Subchannel Allocation in Interference Limited OFDM-Based Cognitive Radio Network with Quality of Service Considerations. <i>Wireless Personal Communications</i> , 2017, 96, 1691-1710.	2.7	1

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127	Resource Allocation Schemes in D2D Communications: Overview, Classification, and Challenges. <i>Wireless Personal Communications</i> , 2017, 96, 303-322.	2.7	23
128	Interference and throughput aware resource allocation for multi-class D2D in 5G networks. <i>IET Communications</i> , 2017, 11, 1241-1250.	2.2	28
129	Resource management in D2D communication: An optimization perspective. <i>Journal of Network and Computer Applications</i> , 2017, 93, 51-75.	9.1	35
130	Intercloud and HetNet for Mobile Cloud Computing in 5G Systems: Design Issues, Challenges, and Optimization. <i>IEEE Network</i> , 2017, 31, 80-89.	6.9	19
131	Planning of Ultra-Dense Wireless Networks. <i>IEEE Network</i> , 2017, 31, 90-96.	6.9	24
132	Interference-Aware Energy Efficiency Maximization in 5G Ultra-Dense Networks. <i>IEEE Transactions on Communications</i> , 2017, 65, 728-739.	7.8	74
133	Reliability model for multimedia cloud networks. , 2017, , .		0
134	Sustainable Green Networking and Computing in 5G Systems. <i>IEEE Wireless Communications</i> , 2017, 24, 12-13.	9.0	4
135	Superposition Modulation-Based Cooperation for Oversampled OFDM Signals. <i>IEEE Transactions on Communications</i> , 2017, 65, 4791-4802.	7.8	4
136	Multi-objective optimization for spectrum sharing in cognitive radio networks: A review. <i>Pervasive and Mobile Computing</i> , 2017, 41, 106-131.	3.3	14
137	Dynamic Spectrum Access in Time-Varying Environment: Distributed Learning Beyond Expectation Optimization. <i>IEEE Transactions on Communications</i> , 2017, 65, 5305-5318.	7.8	61
138	Distributed Gateway Selection for M2M Communication in Cognitive 5G Networks. <i>IEEE Network</i> , 2017, 31, 94-100.	6.9	18
139	A Semi-Markov Decision Model-based brokering mechanism for mobile cloud market. , 2017, , .		2
140	Compressed Spectrum Sensing for Wavelet Based Cognitive Heterogeneous Network over Multipath Fading. <i>Wireless Personal Communications</i> , 2017, 96, 3947-3964.	2.7	1
141	Boosted neural networks for improved short-term electric load forecasting. <i>Electric Power Systems Research</i> , 2017, 143, 431-437.	3.6	102
142	Utility function design for strategic radio resource management games: An overview, taxonomy, and research challenges. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017, 28, e3128.	3.9	6
143	Towards the fulfillment of 5G network requirements: technologies and challenges. <i>Telecommunication Systems</i> , 2017, 65, 101-116.	2.5	48
144	Performance of Energy-Efficient Cooperative MAC Protocol with Power Backoff in MANETs. <i>Wireless Personal Communications</i> , 2017, 92, 843-861.	2.7	15

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145	Energy Efficient Multiple Association in CoMP Based 5G Cloud-RAN Systems. , 2017, , .		2
146	On D2D communications for public safety applications. , 2017, , .		18
147	Traffic offloading problem in two-tier HetNets with D2D support for emergency communications. , 2017, , .		3
148	Resource Allocation for Energy Harvesting Assisted D2D Communications Underlying OFDMA Cellular Networks. , 2017, , .		5
149	Fuzzy-Based Joint User Association and Resource Allocation in HetNets. , 2017, , .		5
150	Auction Based Distributed Resource Allocation for Delay Aware OFDM Based Cloud-RAN System. , 2017, , .		5
151	Charging infrastructure placement for electric vehicles: An optimization prospective. , 2017, , .		6
152	Energy efficient resource allocation for NOMA in cellular IoT with energy harvesting. , 2017, , .		9
153	A Hierarchical Learning Solution for Anti-Jamming Stackelberg Game With Discrete Power Strategies. IEEE Wireless Communications Letters, 2017, 6, 818-821.	5.0	58
154	Distributed relay selection for heterogeneous UAV communication networks using a many-to-many matching game without substitutability. , 2017, , .		13
155	Near Optimal Distributed Cooperative Spectrum Sensing and Access: A Benefit-and-Compensation Approach. , 2017, , .		0
156	Joint workload scheduling and BBU allocation in cloud-RAN for 5G networks. , 2017, , .		7
157	Principles and Challenges of Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2017, , 1-31.		1
158	Pattern-Search-Based Nonconvex Cooperative Sensing in Multiband Cognitive Radio Systems. IEEE Systems Journal, 2016, 10, 580-591.	4.6	2
159	Multiobjective Subchannel and Power Allocation in Interference-Limited Two-Tier OFDMA Femtocell Networks. IEEE Systems Journal, 2016, 10, 544-555.	4.6	17
160	Green Cooperative Cognitive Radio: A Multiobjective Optimization Paradigm. IEEE Systems Journal, 2016, 10, 240-250.	4.6	21
161	Optimization classification and techniques of WSNs in smart grid. , 2016, , 323-343.		2
162	Efficient Wireless Power Transfer in Software-Defined Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7409-7420.	4.7	70

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163	Telecommunication integration in e-healthcare: technologies, applications and challenges. Transactions on Emerging Telecommunications Technologies, 2016, 27, 775-789.	3.9	16
164	Energy Efficiency Architecture Design for Heterogeneous Cellular Networks. Wireless Communications and Mobile Computing, 2016, 16, 1588-1602.	1.2	4
165	Mesh adaptive direct search approach for D2D resource management. Wireless Communications and Mobile Computing, 2016, 16, 2329-2339.	1.2	8
166	Resource Allocation and Massive Access Control Using Relay Assisted Machine-Type Communication in LTE Networks. , 2016, , .		1
167	Efficient Ubiquitous Big Data Storage Strategy for Mobile Cloud Computing over HetNet. , 2016, , .		4
168	Multi-Band Cooperative Spectrum Sensing in RF Powered Cognitive Radio Networks. , 2016, , .		2
169	Utility Based Resource Management in D2D Networks Using Mesh Adaptive Direct Search Method. , 2016, , .		4
170	Renewable energy assisted base station collaboration as micro grid. , 2016, , .		4
171	Variable step-size strategy for distributed parameter estimation of compressible systems in WSNs. , 2016, , .		2
172	An efficient method for mobile big data transfer over HetNet in emerging 5G systems. , 2016, , .		5
173	Bayesian workload scheduling in multimedia cloud networks. , 2016, , .		2
174	Internet of Things (IoT) in 5G Wireless Communications. IEEE Access, 2016, 4, 10310-10314.	4.2	123
175	Exact outage analysis of a decode-and-forward cooperative communication network with N t h best energy harvesting relay selection. Annales Des Telecommunications/Annals of Telecommunications, 2016, 71, 251-263.	2.5	13
176	Advanced spectrum sharing in 5G cognitive heterogeneous networks. IEEE Wireless Communications, 2016, 23, 94-101.	9.0	95
177	ENTRUST: Energy trading under uncertainty in smart grid systems. Computer Networks, 2016, 110, 232-242.	5.1	17
178	QoS-aware channel assignment for IoT-enabled smart building in 5G systems. , 2016, , .		8
179	Chapter 7 Energy-Efficient Mobile Wireless Network Operations for 4G and Beyond Using HetNets. , 2016, , 225-270.		0
180	VERACITY: Overlapping Coalition Formation-Based Double Auction for Heterogeneous Demand and Spectrum Reusability. IEEE Journal on Selected Areas in Communications, 2016, 34, 2690-2705.	14.0	28

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181	Performance of Dynamic Access Class Barring Method in Cellular M2M Networks. <i>Wireless Personal Communications</i> , 2016, 91, 1471-1487.	2.7	3
182	Joint wavelet-based spectrum sensing and FBMC modulation for cognitive mmWave small cell networks. <i>IET Communications</i> , 2016, 10, 1803-1809.	2.2	23
183	Multi-objective resource allocation in interference-limited M2M communication networks. <i>International Journal of Communication Networks and Distributed Systems</i> , 2016, 16, 297.	0.4	2
184	Energy Harvesting From the Human Body for Biomedical Applications. <i>IEEE Potentials</i> , 2016, 35, 6-12.	0.3	30
185	PBMP: priority-based multi-path packet routing for vehicular ad hoc network system in city environment. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016, 27, 1331-1344.	3.9	5
186	Network Selection and Channel Allocation for Spectrum Sharing in 5G Heterogeneous Networks. <i>IEEE Access</i> , 2016, 4, 980-992.	4.2	78
187	Distributed Interference Mitigation in Time-Varying Radio Environment. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2016, , 11-27.	0.5	0
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