Yan Zhang

List of Publications by Year
in descending order

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		8172	7944
181	23,825	76	149
papers	citations	h-index	g-index

186	186	186	14645
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mobile Edge Computing: A Survey. IEEE Internet of Things Journal, 2018, 5, 450-465.	5.5	1,679
2	Enabling Localized Peer-to-Peer Electricity Trading Among Plug-in Hybrid Electric Vehicles Using Consortium Blockchains. IEEE Transactions on Industrial Informatics, 2017, 13, 3154-3164.	7.2	865
3	UAV Communications for 5G and Beyond: Recent Advances and Future Trends. IEEE Internet of Things Journal, 2019, 6, 2241-2263.	5.5	864
4	Blockchain for Internet of Things: A Survey. IEEE Internet of Things Journal, 2019, 6, 8076-8094.	5.5	769
5	A Survey on Mobile Edge Networks: Convergence of Computing, Caching and Communications. IEEE Access, 2017, 5, 6757-6779.	2.6	729
6	Dependable Demand Response Management in the Smart Grid: A Stackelberg Game Approach. IEEE Transactions on Smart Grid, 2013, 4, 120-132.	6.2	687
7	Energy-Efficient Offloading for Mobile Edge Computing in 5G Heterogeneous Networks. IEEE Access, 2016, 4, 5896-5907.	2.6	674
8	Blockchain and Federated Learning for Privacy-Preserved Data Sharing in Industrial IoT. IEEE Transactions on Industrial Informatics, 2020, 16, 4177-4186.	7.2	650
9	Mobile-Edge Computing for Vehicular Networks: A Promising Network Paradigm with Predictive Off-Loading. IEEE Vehicular Technology Magazine, 2017, 12, 36-44.	2.8	563
10	Blockchain for Secure and Efficient Data Sharing in Vehicular Edge Computing and Networks. IEEE Internet of Things Journal, 2019, 6, 4660-4670.	5.5	547
11	Computation Offloading and Resource Allocation For Cloud Assisted Mobile Edge Computing in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7944-7956.	3.9	544
12	Blockchain Empowered Asynchronous Federated Learning for Secure Data Sharing in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 4298-4311.	3.9	389
13	Home M2M networks: Architectures, standards, and QoS improvement. , 2011, 49, 44-52.		374
14	Intelligent Edge Computing for IoT-Based Energy Management in Smart Cities. IEEE Network, 2019, 33, 111-117.	4.9	368
15	Cognitive machine-to-machine communications: visions and potentials for the smart grid. IEEE Network, 2012, 26, 6-13.	4.9	346
16	Deep Reinforcement Learning for Offloading and Resource Allocation in Vehicle Edge Computing and Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 11158-11168.	3.9	339
17	Consortium Blockchain for Secure Energy Trading in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2017, , 1-1.	7.2	331
18	Demand Response Management With Multiple Utility Companies: A Two-Level Game Approach. IEEE Transactions on Smart Grid, 2014, 5, 722-731.	6.2	323

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19	Blockchain-Enabled Security in Electric Vehicles Cloud and Edge Computing. IEEE Network, 2018, 32, 78-83.	4.9	321
20	Permissioned Blockchain and Edge Computing Empowered Privacy-Preserving Smart Grid Networks. IEEE Internet of Things Journal, 2019, 6, 7992-8004.	5.5	295
21	Joint Load Balancing and Offloading in Vehicular Edge Computing and Networks. IEEE Internet of Things Journal, 2019, 6, 4377-4387.	5.5	290
22	Digital Twin Networks: A Survey. IEEE Internet of Things Journal, 2021, 8, 13789-13804.	5.5	285
23	Energy big data: A survey. IEEE Access, 2016, 4, 3844-3861.	2.6	275
24	Blockchain and Deep Reinforcement Learning Empowered Intelligent 5G Beyond. IEEE Network, 2019, 33, 10-17.	4.9	266
25	Joint Computation Offloading and User Association in Multi-Task Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2018, 67, 12313-12325.	3.9	253
26	Vehicular Edge Computing and Networking: A Survey. Mobile Networks and Applications, 2021, 26, 1145-1168.	2.2	252
27	Computation Resource Allocation and Task Assignment Optimization in Vehicular Fog Computing: A Contract-Matching Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 3113-3125.	3.9	247
28	Demand Response Management in the Smart Grid in a Large Population Regime. IEEE Transactions on Smart Grid, 2016, 7, 189-199.	6.2	234
29	Deep Learning Empowered Task Offloading for Mobile Edge Computing in Urban Informatics. IEEE Internet of Things Journal, 2019, 6, 7635-7647.	5.5	230
30	Low-Latency Federated Learning and Blockchain for Edge Association in Digital Twin Empowered 6G Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5098-5107.	7.2	224
31	Differentially Private Asynchronous Federated Learning for Mobile Edge Computing in Urban Informatics. IEEE Transactions on Industrial Informatics, 2020, 16, 2134-2143.	7.2	217
32	Energy Peer-to-Peer Trading in Virtual Microgrids in Smart Grids: A Game-Theoretic Approach. IEEE Transactions on Smart Grid, 2020, 11, 1264-1275.	6.2	214
33	Edge Intelligence and Blockchain Empowered 5G Beyond for the Industrial Internet of Things. IEEE Network, 2019, 33, 12-19.	4.9	213
34	Deep Reinforcement Learning for Cooperative Content Caching in Vehicular Edge Computing and Networks. IEEE Internet of Things Journal, 2020, 7, 247-257.	5.5	207
35	Mobile Edge Computing and Networking for Green and Low-Latency Internet of Things. , 2018, 56, 39-45.		205
36	Cooperative Content Caching in 5G Networks with Mobile Edge Computing. IEEE Wireless Communications, 2018, 25, 80-87.	6.6	194

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37	Artificial Intelligence Empowered Edge Computing and Caching for Internet of Vehicles. IEEE Wireless Communications, 2019, 26, 12-18.	6.6	194
38	Distributed Reputation Management for Secure and Efficient Vehicular Edge Computing and Networks. IEEE Access, 2017, 5, 25408-25420.	2.6	192
39	Multitier Fog Computing With Large-Scale IoT Data Analytics for Smart Cities. IEEE Internet of Things Journal, 2018, 5, 677-686.	5.5	178
40	Social Big-Data-Based Content Dissemination in Internet of Vehicles. IEEE Transactions on Industrial Informatics, 2018, 14, 768-777.	7.2	174
41	Privacy-Preserved Pseudonym Scheme for Fog Computing Supported Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2627-2637.	4.7	171
42	Deep Reinforcement Learning and Permissioned Blockchain for Content Caching in Vehicular Edge Computing and Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 4312-4324.	3.9	169
43	Reducing Offloading Latency for Digital Twin Edge Networks in 6G. IEEE Transactions on Vehicular Technology, 2020, 69, 12240-12251.	3.9	160
44	TPGF: geographic routing in wireless multimedia sensor networks. Telecommunication Systems, 2010, 44, 79-95.	1.6	157
45	Energy-Efficient Admission of Delay-Sensitive Tasks for Mobile Edge Computing. IEEE Transactions on Communications, 2018, 66, 2603-2616.	4.9	154
46	A Hierarchical Blockchain-Enabled Federated Learning Algorithm for Knowledge Sharing in Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3975-3986.	4.7	152
47	Deep Reinforcement Learning for Resource Protection and Real-Time Detection in IoT Environment. IEEE Internet of Things Journal, 2020, 7, 6392-6401.	5.5	143
48	Communication-Efficient Federated Learning and Permissioned Blockchain for Digital Twin Edge Networks. IEEE Internet of Things Journal, 2021, 8, 2276-2288.	5.5	140
49	Deep Reinforcement Learning for Stochastic Computation Offloading in Digital Twin Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 4968-4977.	7.2	139
50	Exploring Mobile Edge Computing for 5G-Enabled Software Defined Vehicular Networks. IEEE Wireless Communications, 2017, 24, 55-63.	6.6	137
51	Wireless Big Data Computing in Smart Grid. IEEE Wireless Communications, 2017, 24, 58-64.	6.6	134
52	Dependable Content Distribution in D2D-Based Cooperative Vehicular Networks: A Big Data-Integrated Coalition Game Approach. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 953-964.	4.7	134
53	Adaptive Federated Learning and Digital Twin for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 5605-5614.	7.2	134
54	Performance Analysis of Connectivity Probability and Connectivity-Aware MAC Protocol Design for Platoon-Based VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 5596-5609.	3.9	133

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55	Communication-Efficient Federated Learning for Digital Twin Edge Networks in Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 5709-5718.	7.2	132
56	Physical-Layer Security in Space Information Networks: A Survey. IEEE Internet of Things Journal, 2020, 7, 33-52.	5.5	130
57	Robust Big Data Analytics for Electricity Price Forecasting in the Smart Grid. IEEE Transactions on Big Data, 2019, 5, 34-45.	4.4	129
58	Mobile big data fault-tolerant processing for ehealth networks. IEEE Network, 2016, 30, 36-42.	4.9	120
59	Artificial Intelligence Inspired Transmission Scheduling in Cognitive Vehicular Communications and Networks. IEEE Internet of Things Journal, 2019, 6, 1987-1997.	5.5	120
60	Age of Information Aware Radio Resource Management in Vehicular Networks: A Proactive Deep Reinforcement Learning Perspective. IEEE Transactions on Wireless Communications, 2020, 19, 2268-2281.	6.1	118
61	Edge Intelligence for Energy-Efficient Computation Offloading and Resource Allocation in 5G Beyond. IEEE Transactions on Vehicular Technology, 2020, 69, 12175-12186.	3.9	116
62	Adaptive Digital Twin and Multiagent Deep Reinforcement Learning for Vehicular Edge Computing and Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 1405-1413.	7.2	116
63	An Efficient MAC Protocol With Selective Grouping and Cooperative Sensing in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3928-3941.	3.9	115
64	Cooperative and Distributed Computation Offloading for Blockchain-Empowered Industrial Internet of Things. IEEE Internet of Things Journal, 2019, 6, 8433-8446.	5.5	114
65	Privacy-Preserving Content Dissemination for Vehicular Social Networks: Challenges and Solutions. IEEE Communications Surveys and Tutorials, 2019, 21, 1314-1345.	24.8	114
66	Blockchain and Federated Learning for Collaborative Intrusion Detection in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 6073-6084.	3.9	114
67	Optimal Resource Sharing in 5G-Enabled Vehicular Networks: A Matrix Game Approach. IEEE Transactions on Vehicular Technology, 2016, 65, 7844-7856.	3.9	109
68	Blockchain and Computational Intelligence Inspired Incentive-Compatible Demand Response in Internet of Electric Vehicles. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 205-216.	3.4	107
69	Cooperative Offloading and Resource Management for UAV-Enabled Mobile Edge Computing in Power IoT System. IEEE Transactions on Vehicular Technology, 2020, 69, 12229-12239.	3.9	105
70	Deep Reinforcement Learning for Internet of Things: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 1659-1692.	24.8	105
71	Green Energy Scheduling for Demand Side Management in the Smart Grid. IEEE Transactions on Green Communications and Networking, 2018, 2, 596-611.	3.5	102
72	Deep and Embedded Learning Approach for Traffic Flow Prediction in Urban Informatics. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3927-3939.	4.7	100

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73	Energy Efficiency and Delay Tradeoff for Wireless Powered Mobile-Edge Computing Systems With Multi-Access Schemes. IEEE Transactions on Wireless Communications, 2020, 19, 1855-1867.	6.1	97
74	Delay constrained offloading for Mobile Edge Computing in cloud-enabled vehicular networks. , 2016, , .		90
75	Adaptive GTS allocation in IEEE 802.15.4 for real-time wireless sensor networks. Journal of Systems Architecture, 2013, 59, 1231-1242.	2.5	88
76	Multi-Agent Deep Reinforcement Learning for Computation Offloading and Interference Coordination in Small Cell Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 9282-9293.	3.9	88
77	Detecting Mixing Services via Mining Bitcoin Transaction Network With Hybrid Motifs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2237-2249.	5.9	86
78	Fair Energy Scheduling for Vehicle-to-Grid Networks Using Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1697-1707.	7.2	85
79	Adaptive Edge Association for Wireless Digital Twin Networks in 6G. IEEE Internet of Things Journal, 2021, 8, 16219-16230.	5.5	85
80	Dynamic Digital Twin and Federated Learning With Incentives for Air-Ground Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 321-333.	4.1	75
81	Dynamic Digital Twin and Distributed Incentives for Resource Allocation in Aerial-Assisted Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 5839-5852.	5.5	74
82	Local Cyber-Physical Attack for Masking Line Outage and Topology Attack in Smart Grid. IEEE Transactions on Smart Grid, 2019, 10, 4577-4588.	6.2	73
83	Differential Privacy Preserving of Training Model in Wireless Big Data with Edge Computing. IEEE Transactions on Big Data, 2020, 6, 283-295.	4.4	73
84	Incentive-Driven Energy Trading in the Smart Grid. IEEE Access, 2016, 4, 1243-1257.	2.6	71
85	Energy Efficient Beamforming in MISO Heterogeneous Cellular Networks With Wireless Information and Power Transfer. IEEE Journal on Selected Areas in Communications, 2016, 34, 954-968.	9.7	68
86	Software Defined Networking for Energy Harvesting Internet of Things. IEEE Internet of Things Journal, 2018, 5, 1389-1399.	5.5	65
87	NetTopo: A framework of simulation and visualization for wireless sensor networks. Ad Hoc Networks, 2011, 9, 799-820.	3.4	62
88	Context-aware cross-layer optimized video streaming inÂwireless multimedia sensor networks. Journal of Supercomputing, 2010, 54, 94-121.	2.4	61
89	Secure Transmission for Heterogeneous Cellular Networks With Wireless Information and Power Transfer. IEEE Systems Journal, 2018, 12, 3755-3766.	2.9	61
90	Blockchain Empowered Cooperative Authentication With Data Traceability in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 4221-4232.	3.9	61

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91	Computational Intelligence Inspired Data Delivery for Vehicle-to-Roadside Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 12038-12048.	3.9	59
92	Software Defined Networking for Flexible and Green Energy Internet. , 2016, 54, 68-75.		57
93	Online Control and Near-Optimal Algorithm for Distributed Energy Storage Sharing in Smart Grid. IEEE Transactions on Smart Grid, 2020, 11, 2552-2562.	6.2	57
94	Jamming and Eavesdropping Defense in Green Cyberâ€“Physical Transportation Systems Using a Stackelberg Game. IEEE Transactions on Industrial Informatics, 2018, 14, 4232-4242.	7.2	56
95	An Attribute-Based Collaborative Access Control Scheme Using Blockchain for IoT Devices. Electronics (Switzerland), 2020, 9, 285.	1.8	53
96	Optimal Charging Schemes for Electric Vehicles in Smart Grid: A Contract Theoretic Approach. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3046-3058.	4.7	51
97	ADMM-Based Distributed Auction Mechanism for Energy Hub Scheduling in Smart Buildings. IEEE Access, 2018, 6, 45635-45645.	2.6	50
98	Distributed Deep Reinforcement Learning for Intelligent Load Scheduling in Residential Smart Grids. IEEE Transactions on Industrial Informatics, 2021, 17, 2752-2763.	7.2	50
99	Digital Twin Empowered Content Caching in Social-Aware Vehicular Edge Networks. IEEE Transactions on Computational Social Systems, 2022, 9, 239-251.	3.2	50
100	Proof-of-Reputation Based-Consortium Blockchain for Trust Resource Sharing in Internet of Vehicles. IEEE Access, 2019, 7, 175744-175757.	2.6	49
101	Consortium Blockchain for Secure Resource Sharing in Vehicular Edge Computing: A Contract-Based Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 1189-1201.	4.1	47
102	Blockchain Empowered Wireless Power Transfer for Green and Secure Internet of Things. IEEE Network, 2019, 33, 164-171.	4.9	44
103	Deep Reinforcement Learning for Social-Aware Edge Computing and Caching in Urban Informatics. IEEE Transactions on Industrial Informatics, 2020, 16, 5467-5477.	7.2	44
104	Cross-Cluster Federated Learning and Blockchain for Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 15776-15784.	5.5	44
105	On Stability and Robustness of Demand Response in V2G Mobile Energy Networks. IEEE Transactions on Smart Grid, 2018, 9, 3203-3212.	6.2	43
106	QoE-Aware Power Management in Vehicle-to-Grid Networks: A Matching-Theoretic Approach. IEEE Transactions on Smart Grid, 2018, 9, 2468-2477.	6.2	42
107	HERO: Hierarchical Energy Optimization for Data Center Networks. IEEE Systems Journal, 2015, 9, 406-415.	2.9	39
108	Reinforcement-Learning- and Belief-Learning-Based Double Auction Mechanism for Edge Computing Resource Allocation. IEEE Internet of Things Journal, 2020, 7, 5976-5985.	5.5	39

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109	Blockchain and Federated Learning for 5G Beyond. IEEE Network, 2021, 35, 219-225.	4.9	39
110	Software Defined Networking With Pseudonym Systems for Secure Vehicular Clouds. IEEE Access, 2016, 4, 3522-3534.	2.6	38
111	Task-Container Matching Game for Computation Offloading in Vehicular Edge Computing and Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6242-6255.	4.7	38
112	Blockchain and 6G: The Future of Secure and Ubiquitous Communication. IEEE Wireless Communications, 2022, 29, 194-201.	6.6	38
113	A Differential Privacy-Based Query Model for Sustainable Fog Data Centers. IEEE Transactions on Sustainable Computing, 2019, 4, 145-155.	2.2	36
114	Demandâ€“Response Games for Peer-to-Peer Energy Trading With the Hyperledger Blockchain. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 19-31.	5.9	36
115	Placement and Routing Optimization for Automated Inspection With Unmanned Aerial Vehicles: A Study in Offshore Wind Farm. IEEE Transactions on Industrial Informatics, 2021, 17, 3032-3043.	7.2	34
116	Cooperative Federated Learning and Model Update Verification in Blockchain-Empowered Digital Twin Edge Networks. IEEE Internet of Things Journal, 2022, 9, 11154-11167.	5.5	32
117	Enabling low bit-rate and reliable video surveillance over practical wireless sensor network. Journal of Supercomputing, 2013, 65, 287-300.	2.4	31
118	Secure Authentication in Cloud Big Data with Hierarchical Attribute Authorization Structure. IEEE Transactions on Big Data, 2017, , 1-1.	4.4	30
119	Joint Transaction Relaying and Block Verification Optimization for Blockchain Empowered D2D Communication. IEEE Transactions on Vehicular Technology, 2020, 69, 828-841.	3.9	30
120	Blockchain Storage and Computation Offloading for Cooperative Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 9084-9098.	5.5	30
121	Intelligent Charging Management of Electric Vehicles Considering Dynamic User Behavior and Renewable Energy: A Stochastic Game Approach. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7760-7771.	4.7	28
122	Digital Twin Assisted Task Offloading for Aerial Edge Computing and Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10863-10877.	3.9	28
123	Green and reliable software-defined industrial networks. , 2016, 54, 30-37.		27
124	Online Learning and Optimization for Computation Offloading in D2D Edge Computing and Networks. Mobile Networks and Applications, 2022, 27, 1111-1122.	2.2	26
125	Contract-theoretic Approach for Delay Constrained Offloading in Vehicular Edge Computing Networks. Mobile Networks and Applications, 2019, 24, 1003-1014.	2.2	26
126	Bandwidth Slicing in Software-Defined 5G: A Stackelberg Game Approach. IEEE Vehicular Technology Magazine, 2018, 13, 102-109.	2.8	25

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127	Towards Large-Scale and Privacy-Preserving Contact Tracing in COVID-19 Pandemic: A Blockchain Perspective. IEEE Transactions on Network Science and Engineering, 2022, 9, 282-298.	4.1	25
128	Adaptive Federated Learning for Digital Twin Driven Industrial Internet of Things. , 2021, , .		24
129	CyberChain: Cybertwin Empowered Blockchain for Lightweight and Privacy-Preserving Authentication in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 4620-4631.	3.9	24
130	Cooperative Connected Autonomous Vehicles (CAV): Research, Applications and Challenges. , 2019, , .		23
131	Cross-Layer Optimized Call Admission Control in Cognitive Radio Networks. Mobile Networks and Applications, 2010, 15, 610-626.	2.2	22
132	Energy Trading with Demand Response in a Community-based P2P Energy Market. , 2019, , .		21
133	Mitigating Conflicting Transactions in Hyperledger Fabric-Permissioned Blockchain for Delay-Sensitive IoT Applications. IEEE Internet of Things Journal, 2021, 8, 10596-10607.	5.5	21
134	Joint Computation Offloading and Demand Response Management in Mobile Edge Network With Renewable Energy Sources. IEEE Transactions on Vehicular Technology, 2020, 69, 15720-15730.	3.9	21
135	Federated Learning Empowered End-Edge-Cloud Cooperation for 5G HetNet Security. IEEE Network, 2021, 35, 88-94.	4.9	19
136	Incentivizing Resource Cooperation for Blockchain Empowered Wireless Power Transfer in UAV Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 15828-15841.	3.9	19
137	Transmitting and Gathering Streaming Data in Wireless Multimedia Sensor Networks Within Expected Network Lifetime. Mobile Networks and Applications, 2008, 13, 306.	2.2	18
138	A new lightweight RFID grouping authentication protocol for multiple tags in mobile environment. Multimedia Tools and Applications, 2017, 76, 22761-22783.	2.6	18
139	Electric Signature Detection and Analysis for Power Equipment Failure Monitoring in Smart Grid. IEEE Transactions on Industrial Informatics, 2021, 17, 3739-3750.	7.2	18
140	QoS Differentiation for IEEE 802.16 WiMAX Mesh Networking. Mobile Networks and Applications, 2008, 13, 19-37.	2.2	17
141	Energy-Efficient Spectrum Discovery for Cognitive Radio Green Networks. Mobile Networks and Applications, 2012, 17, 64-74.	2.2	17
142	A Joint Energy and Latency Framework for Transfer Learning Over 5G Industrial Edge Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 531-541.	7.2	17
143	A dynamic channel assignment scheme for voice/data integration in GPRS networks. Computer Communications, 2006, 29, 1163-1173.	3.1	16
144	Adaptive location update area design for wireless cellular networks under 2D Markov walk model. Computer Communications, 2007, 30, 2060-2069.	3.1	16

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145	A Searchable and Verifiable Data Protection Scheme for Scholarly Big Data. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 216-225.	3.2	16
146	Distributed Demand Response for Multienergy Residential Communities With Incomplete Information. IEEE Transactions on Industrial Informatics, 2021, 17, 547-557.	7.2	16
147	Optimal Energy Trading With Demand Responses in Cloud Computing Enabled Virtual Power Plant in Smart Grids. IEEE Transactions on Cloud Computing, 2022, 10, 17-30.	3.1	16
148	Reconfigurable Intelligent Surface for Low-Latency Edge Computing in 6G. IEEE Wireless Communications, 2021, 28, 72-79.	6.6	16
149	Trustâ€aware query routing in P2P social networks. International Journal of Communication Systems, 2012, 25, 1260-1280.	1.6	15
150	ADMM Empowered Distributed Computational Intelligence for Internet of Energy. IEEE Computational Intelligence Magazine, 2019, 14, 42-51.	3.4	15
151	Deep Reinforcement Learning for Edge Caching and Content Delivery in Internet of Vehicles. , 2019, , .		15
152	A Two-Step Environment-Learning-Based Method for Optimal UAV Deployment. IEEE Access, 2019, 7, 149328-149340.	2.6	14
153	Trust-Based Privacy-Preserving Photo Sharing in Online Social Networks. IEEE Transactions on Multimedia, 2019, 21, 591-602.	5.2	14
154	Command Disaggregation Attack and Mitigation in Industrial Internet of Things. Sensors, 2017, 17, 2408.	2.1	12
155	Distributed Incentives and Digital Twin for Resource Allocation in air-assisted Internet of Vehicles. , 2021, , .		12
156	Guest Editorial: Special Section on â€œBlockchain for Industrial Internet of Thingsâ€•in IEEE Transactions on Industrial Informatics. IEEE Transactions on Industrial Informatics, 2019, 15, 3514-3515.	7.2	11
157	Location-aware private service discovery in pervasive computing environment. Information Sciences, 2013, 230, 78-93.	4.0	10
158	Transient Stability Assessment Based on Gated Graph Neural Network With Imbalanced Data in Internet of Energy. IEEE Internet of Things Journal, 2022, 9, 9320-9331.	5.5	10
159	Transfer Learning for Distributed Intelligence in Aerial Edge Networks. IEEE Wireless Communications, 2021, 28, 74-81.	6.6	10
160	Joint Optimization of Power, Packet Forwarding and Reliability in MIMO Wireless Sensor Networks. Mobile Networks and Applications, 2011, 16, 760-770.	2.2	9
161	Mobile Edge Computing for Vehicular Networks [From the Guest Editors]. IEEE Vehicular Technology Magazine, 2019, 14, 27-108.	2.8	9
162	Deep Reinforcement Learning for Edge Computing and Resource Allocation in 5G Beyond. , 2019, , .		9

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163	Distributed Uplink Offloading for IoT in 5G Heterogeneous Networks Under Private Information Constraints. IEEE Internet of Things Journal, 2019, 6, 6151-6164.	5.5	9
164	Content-Centric Group User Authentication for Secure Social Networks. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 833-844.	3.2	9
165	Joint Power Control and Computation Offloading for Energy-Efficient Mobile Edge Networks. IEEE Transactions on Wireless Communications, 2022, 21, 4522-4534.	6.1	8
166	Blockchain Enabled Cooperative Authentication with Data Traceability in Vehicular Edge Computing. , 2019, , .		7
167	Permissioned Blockchain and Deep Reinforcement Learning for Content Caching in Vehicular Edge Computing and Networks. , 2019, , .		7
168	Detecting False Data Injection Attacks in Peer to Peer Energy Trading Using Machine Learning. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3417-3431.	3.7	6
169	Intelligent Resource Allocation Schemes for UAV-Swarm-Based Cooperative Sensing. IEEE Internet of Things Journal, 2022, 9, 21570-21582.	5.5	6
170	Energy-Efficient and Reliability-Driven Cooperative Communications in Cognitive Body Area Networks. Mobile Networks and Applications, 2011, 16, 733-744.	2.2	5
171	Symbol Error Rate Analysis and Power Allocation for Adaptive Relay Selection Schemes. Wireless Personal Communications, 2011, 56, 457-467.	1.8	5
172	Exploiting Interference for Capacity Improvement in Software-Defined Vehicular Networks. IEEE Access, 2017, 5, 10662-10673.	2.6	5
173	Effects of false data injection attacks on a local P2P energy trading market with prosumers. , 2020, , .		5
174	Guest Editorial Introduction of the Special Issue on Edge Intelligence for Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2178-2182.	4.7	4
175	Distributed Collaborative Anomaly Detection for Trusted Digital Twin Vehicular Edge Networks. Lecture Notes in Computer Science, 2021, , 378-389.	1.0	3
176	Selective Federated Learning for Mobile Edge Intelligence. , 2021, , .		3
177	Authentication traffics modeling and analysis in next generation wireless networks. Wireless Communications and Mobile Computing, 2008, 8, 615-625.	0.8	2
178	Guest Editorial Introduction to the Special Section on Blockchain for Vehicles and Intelligent Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 3998-4000.	3.9	2
179	Cloud-Edge-End Intelligence for Fault-Tolerant Renewable Energy Accommodation in Smart Grid. IEEE Transactions on Cloud Computing, 2023, 11, 1144-1156.	3.1	1
180	An approximation and its applications in wireless networks performance analysis. Wireless Communications and Mobile Computing, 2008, 8, 113-124.	0.8	0

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181	Call Admission Control Algorithms in OFDM-based Wireless Multiservice Networks. Wireless Personal Communications, 2009, 50, 99-114.	1.8	0