Anfeng Liu

List of Publications by Year
in descending order

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239 papers	10,809 citations	24978 57 h-index	56606 83 g-index
239 all docs	239 docs citations	239 times ranked	6481 citing authors

#	Article	IF	Citations
1	ActiveTrust: Secure and Trustable Routing in Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2016, 11, 2013-2027.	4.5	281
2	Partial Offloading Scheduling and Power Allocation for Mobile Edge Computing Systems. IEEE Internet of Things Journal, 2019, 6, 6774-6785.	5.5	210
3	Lifetime and Energy Hole Evolution Analysis in Data-Gathering Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2016, 12, 788-800.	7.2	191
4	RMER: Reliable and Energy-Efficient Data Collection for Large-Scale Wireless Sensor Networks. IEEE Internet of Things Journal, 2016, 3, 511-519.	5.5	188
5	A Secure IoT Service Architecture With an Efficient Balance Dynamics Based on Cloud and Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4831-4843.	5.5	184
6	Big Data Cleaning Based on Mobile Edge Computing in Industrial Sensor-Cloud. IEEE Transactions on Industrial Informatics, 2020, 16, 1321-1329.	7.2	150
7	MTES: An Intelligent Trust Evaluation Scheme in Sensor-Cloud-Enabled Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 2054-2062.	7.2	147
8	Joint Optimization of Lifetime and Transport Delay under Reliability Constraint Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 225-236.	4.0	127
9	Fog-Based Computing and Storage Offloading for Data Synchronization in IoT. IEEE Internet of Things Journal, 2019, 6, 4272-4282.	5.5	119
10	Deployment guidelines for achieving maximum lifetime and avoiding energy holes in sensor network. Information Sciences, 2013, 230, 197-226.	4.0	118
11	Design and Analysis of Probing Route to Defense Sink-Hole Attacks for Internet of Things Security. IEEE Transactions on Network Science and Engineering, 2020, 7, 356-372.	4.1	116
12	BD-VTE: A Novel Baseline Data Based Verifiable Trust Evaluation Scheme for Smart Network Systems. IEEE Transactions on Network Science and Engineering, 2021, 8, 2087-2105.	4.1	116
13	A novel code data dissemination scheme for Internet of Things through mobile vehicle of smart cities. Future Generation Computer Systems, 2019, 94, 351-367.	4.9	114
14	Power extraction efficiency optimization of horizontal-axis wind turbines through optimizing control parameters of yaw control systems using an intelligent method. Applied Energy, 2018, 224, 267-279.	5.1	109
15	Design principles and improvement of cost function based energy aware routing algorithms for wireless sensor networks. Computer Networks, 2012, 56, 1951-1967.	3.2	107
16	QTSAC: An Energy-Efficient MAC Protocol for Delay Minimization in Wireless Sensor Networks. IEEE Access, 2018, 6, 8273-8291.	2.6	106
17	Secure and Energy-Efficient Disjoint Multipath Routing for WSNs. IEEE Transactions on Vehicular Technology, 2012, 61, 3255-3265.	3.9	105
18	A Cloudâ€“MEC Collaborative Task Offloading Scheme With Service Orchestration. IEEE Internet of Things Journal, 2020, 7, 5792-5805.	5.5	103

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19	Achieving Source Location Privacy and Network Lifetime Maximization Through Tree-Based Diversionary Routing in Wireless Sensor Networks. IEEE Access, 2014, 2, 633-651.	2.6	99
20	Multiagent Deep Reinforcement Learning for Vehicular Computation Offloading in IoT. IEEE Internet of Things Journal, 2021, 8, 9763-9773.	5.5	98
21	A novel trust mechanism based on Fog Computing in Sensorâ€“Cloud System. Future Generation Computer Systems, 2020, 109, 573-582.	4.9	97
22	Edge-Computing-Based Trustworthy Data Collection Model in the Internet of Things. IEEE Internet of Things Journal, 2020, 7, 4218-4227.	5.5	97
23	QUOIN: Incentive Mechanisms for Crowd Sensing Networks. IEEE Network, 2018, 32, 114-119.	4.9	94
24	Defending ONâ€“OFF Attacks Using Light Probing Messages in Smart Sensors for Industrial Communication Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 3801-3811.	7.2	93
25	Maximum power extraction for wind turbines through a novel yaw control solution using predicted wind directions. Energy Conversion and Management, 2018, 157, 587-599.	4.4	91
26	Minimizing Convergecast Time and Energy Consumption in Green Internet of Things. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 797-813.	3.2	91
27	A Novel UAV-Enabled Data Collection Scheme for Intelligent Transportation System Through UAV Speed Control. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2100-2110.	4.7	91
28	LSCD: A Low-Storage Clone Detection Protocol for Cyber-Physical Systems. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 712-723.	1.9	90
29	Adaptive data and verified message disjoint security routing for gathering big data in energy harvesting networks. Journal of Parallel and Distributed Computing, 2020, 135, 140-155.	2.7	89
30	Intelligent resource allocation management for vehicles network: An A3C learning approach. Computer Communications, 2020, 151, 485-494.	3.1	89
31	Coupling resource management based on fog computing in smart city systems. Journal of Network and Computer Applications, 2019, 135, 11-19.	5.8	88
32	Energy-Efficient and Trustworthy Data Collection Protocol Based on Mobile Fog Computing in Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 3531-3539.	7.2	86
33	Privacy-Enhanced Data Collection Based on Deep Learning for Internet of Vehicles. IEEE Transactions on Industrial Informatics, 2020, 16, 6663-6672.	7.2	84
34	Bidirectional Prediction-Based Underwater Data Collection Protocol for End-Edge-Cloud Orchestrated System. IEEE Transactions on Industrial Informatics, 2020, 16, 4791-4799.	7.2	83
35	Service Pricing Decision in Cyber-Physical Systems: Insights from Game Theory. IEEE Transactions on Services Computing, 2016, 9, 186-198.	3.2	82
36	A risk defense method based on microscopic state prediction with partial information observations in social networks. Journal of Parallel and Distributed Computing, 2019, 131, 189-199.	2.7	82

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37	A Three-Layer Privacy Preserving Cloud Storage Scheme Based on Computational Intelligence in Fog Computing. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 3-12.	3.4	81
38	Dynamic Compressive Wide-Band Spectrum Sensing Based on Channel Energy Reconstruction in Cognitive Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 2598-2607.	7.2	80
39	DDC: Dynamic duty cycle for improving delay and energy efficiency in wireless sensor networks. Journal of Network and Computer Applications, 2019, 131, 16-27.	5.8	78
40	Mobility Based Trust Evaluation for Heterogeneous Electric Vehicles Network in Smart Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1797-1806.	4.7	77
41	Mobile Target Detection in Wireless Sensor Networks With Adjustable Sensing Frequency. IEEE Systems Journal, 2016, 10, 1160-1171.	2.9	75
42	A Low-Latency Communication Scheme for Mobile Wireless Sensor Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 317-332.	5.9	75
43	Fog-based storage technology to fight with cyber threat. Future Generation Computer Systems, 2018, 83, 208-218.	4.9	73
44	QoE-ensured price competition model for emerging mobile networks. IEEE Wireless Communications, 2015, 22, 50-57.	6.6	70
45	Distributed duty cycle control for delay improvement in wireless sensor networks. Peer-to-Peer Networking and Applications, 2017, 10, 559-578.	2.6	70
46	An effective service-oriented networking management architecture for 5G-enabled internet of things. Computer Networks, 2020, 173, 107208.	3.2	70
47	A statistical approach to participant selection in location-based social networks for offline event marketing. Information Sciences, 2019, 480, 90-108.	4.0	69
48	A Unified Trustworthy Environment Establishment Based on Edge Computing in Industrial IoT. IEEE Transactions on Industrial Informatics, 2020, 16, 6083-6091.	7.2	69
49	An Adaptive Collection Scheme-Based Matrix Completion for Data Gathering in Energy-Harvesting Wireless Sensor Networks. IEEE Access, 2019, 7, 6703-6723.	2.6	67
50	A game-based deep reinforcement learning approach for energy-efficient computation in MEC systems. Knowledge-Based Systems, 2022, 235, 107660.	4.0	67
51	A Deep Learning-Based Mobile Crowdsensing Scheme by Predicting Vehicle Mobility. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4648-4659.	4.7	66
52	Optimizing Trajectory of Unmanned Aerial Vehicles for Efficient Data Acquisition: A Matrix Completion Approach. IEEE Internet of Things Journal, 2019, 6, 1829-1840.	5.5	65
53	A Trust-Based Active Detection for Cyber-Physical Security in Industrial Environments. IEEE Transactions on Industrial Informatics, 2019, 15, 6593-6603.	7.2	64
54	UAVs joint vehicles as data mules for fast codes dissemination for edge networking in Smart City. Peer-to-Peer Networking and Applications, 2019, 12, 1550-1574.	2.6	61

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55	Detection of hidden data attacks combined fog computing and trust evaluation method in sensorâ€cloud system. Concurrency Computation Practice and Experience, 2021, 33, 1-1.	1.4	61
56	A Trust-Based Secure Routing Scheme Using the Traceback Approach for Energy-Harvesting Wireless Sensor Networks. Sensors, 2018, 18, 751.	2.1	60
57	Adjusting forwarder nodes and duty cycle using packet aggregation routing for body sensor networks. Information Fusion, 2020, 53, 183-195.	11.7	60
58	Dynamic power management and adaptive packet size selection for IoT in e-Healthcare. Computers and Electrical Engineering, 2018, 65, 357-375.	3.0	59
59	Data Collection in Underwater Sensor Networks based on Mobile Edge Computing. IEEE Access, 2019, 7, 65357-65367.	2.6	59
60	A trustworthiness-based vehicular recruitment scheme for information collections in Distributed Networked Systems. Information Sciences, 2021, 545, 65-81.	4.0	58
61	A green and reliable communication modeling for industrial internet of things. Computers and Electrical Engineering, 2017, 58, 364-381.	3.0	57
62	A low redundancy data collection scheme to maximize lifetime using matrix completion technique. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	57
63	Intelligent UAVs Trajectory Optimization From Space-Time for Data Collection in Social Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 853-864.	4.1	57
64	Deep reinforcement learning for computation offloading in mobile edge computing environment. Computer Communications, 2021, 175, 1-12.	3.1	57
65	An Aggregate Signature Based Trust Routing for Data Gathering in Sensor Networks. Security and Communication Networks, 2018, 2018, 1-30.	1.0	56
66	Cross Layer Design for Optimizing Transmission Reliability, Energy Efficiency, and Lifetime in Body Sensor Networks. Sensors, 2017, 17, 900.	2.1	55
67	Knowledge-aware Proactive Nodes Selection approach for energy management in Internet of Things. Future Generation Computer Systems, 2019, 92, 1142-1156.	4.9	55
68	Context-aware collect data with energy efficient in Cyberâ€“physical cloud systems. Future Generation Computer Systems, 2020, 105, 932-947.	4.9	54
69	An Intelligent Edge-Computing-Based Method to Counter Coupling Problems in Cyber-Physical Systems. IEEE Network, 2020, 34, 16-22.	4.9	53
70	Analysis and Improvement of Send-and-Wait Automatic Repeat-reQuest Protocols for Wireless Sensor Networks. Wireless Personal Communications, 2015, 81, 923-959.	1.8	51
71	Lifetime maximization through dynamic ring-based routing scheme for correlated data collecting in WSNs. Computers and Electrical Engineering, 2015, 41, 191-215.	3.0	51
72	Trace malicious source to guarantee cyber security for mass monitor critical infrastructure. Journal of Computer and System Sciences, 2018, 98, 1-26.	0.9	49

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73	Adversarial training based lattice LSTM for Chinese clinical named entity recognition. Journal of Biomedical Informatics, 2019, 99, 103290.	2.5	49
74	CNN-VWII: An efficient approach for large-scale video retrieval by image queries. Pattern Recognition Letters, 2019, 123, 82-88.	2.6	49
75	A Queuing Delay Utilization Scheme for On-Path Service Aggregation in Services-Oriented Computing Networks. IEEE Access, 2019, 7, 23816-23833.	2.6	49
76	An energy-efficient and sink-location privacy enhanced scheme for WSNs through ring based routing. Journal of Parallel and Distributed Computing, 2015, 81-82, 47-65.	2.7	48
77	Energy and memory efficient clone detection in wireless sensor networks. IEEE Transactions on Mobile Computing, 2016, 15, 1130-1143.	3.9	48
78	Energy-Efficient Joint Task Offloading and Resource Allocation in OFDMA-Based Collaborative Edge Computing. IEEE Transactions on Wireless Communications, 2022, 21, 1960-1972.	6.1	48
79	An Intelligent Game-Based Offloading Scheme for Maximizing Benefits of IoT-Edge-Cloud Ecosystems. IEEE Internet of Things Journal, 2022, 9, 5600-5616.	5.5	48
80	Green Data Gathering under Delay Differentiated Services Constraint for Internet of Things. Wireless Communications and Mobile Computing, 2018, 2018, 1-23.	0.8	47
81	A Services Routing Based Caching Scheme for Cloud Assisted CRNs. IEEE Access, 2018, 6, 15787-15805.	2.6	46
82	Construction of Large-Scale Low-Cost Delivery Infrastructure Using Vehicular Networks. IEEE Access, 2018, 6, 21482-21497.	2.6	46
83	Pipeline slot based fast rerouting scheme for delay optimization in duty cycle based M2M communications. Peer-to-Peer Networking and Applications, 2019, 12, 1673-1704.	2.6	46
84	Using Imbalanced Triangle Synthetic Data for Machine Learning Anomaly Detection. Computers, Materials and Continua, 2019, 58, 15-26.	1.5	46
85	A resource allocation model based on double-sided combinational auctions for transparent computing. Peer-to-Peer Networking and Applications, 2018, 11, 679-696.	2.6	45
86	An intelligent incentive mechanism for coverage of data collection in cognitive internet of things. Future Generation Computer Systems, 2019, 100, 701-714.	4.9	45
87	A highâ€accurate content popularity prediction computational modeling for mobile edge computing using matrix completion technology. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3871.	2.6	45
88	Objective-Variable Tour Planning for Mobile Data Collection in Partitioned Sensor Networks. IEEE Transactions on Mobile Computing, 2020, , 1-1.	3.9	44
89	A privacy-protected intelligent crowdsourcing application of IoT based on the reinforcement learning. Future Generation Computer Systems, 2022, 127, 56-69.	4.9	44
90	A UAV-Assisted Ubiquitous Trust Communication System in 5G and Beyond Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 3444-3458.	9.7	44

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91	Optimizing the Coverage via the UAVs With Lower Costs for Information-Centric Internet of Things. IEEE Access, 2019, 7, 15292-15309.	2.6	43
92	Battery-Friendly Relay Selection Scheme for Prolonging the Lifetimes of Sensor Nodes in the Internet of Things. IEEE Access, 2019, 7, 33180-33201.	2.6	43
93	Quick Convex Hull-Based Rendezvous Planning for Delay-Harsh Mobile Data Gathering in Disjoint Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3844-3854.	5.9	43
94	A Green TDMA Scheduling Algorithm for Prolonging Lifetime in Wireless Sensor Networks. IEEE Systems Journal, 2017, 11, 868-877.	2.9	42
95	Big Data Orchestration as a Service Network. , 2017, 55, 94-101.		42
96	Energy-efficient routing for mobile data collectors in wireless sensor networks with obstacles. Peer-to-Peer Networking and Applications, 2017, 10, 472-483.	2.6	42
97	A Cooperative-Based Model for Smart-Sensing Tasks in Fog Computing. IEEE Access, 2017, 5, 21296-21311.	2.6	41
98	ATTDC: An Active and Traceable Trust Data Collection Scheme for Industrial Security in Smart Cities. IEEE Internet of Things Journal, 2021, 8, 6437-6453.	5.5	41
99	Big program code dissemination scheme for emergency software-define wireless sensor networks. Peer-to-Peer Networking and Applications, 2018, 11, 1038-1059.	2.6	40
100	An adaptive virtual relaying set scheme for loss-and-delay sensitive WSNs. Information Sciences, 2018, 424, 118-136.	4.0	40
101	Unsupervised Online Anomaly Detection With Parameter Adaptation for KPI Abrupt Changes. IEEE Transactions on Network and Service Management, 2020, 17, 1294-1308.	3.2	40
102	Minimum-cost mobile crowdsourcing with QoS guarantee using matrix completion technique. Pervasive and Mobile Computing, 2018, 49, 23-44.	2.1	39
103	Content Propagation for Content-Centric Networking Systems From Location-Based Social Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1946-1960.	5.9	39
104	Multi working sets alternate covering scheme for continuous partial coverage in WSNs. Peer-to-Peer Networking and Applications, 2019, 12, 553-567.	2.6	39
105	On mitigating hotspots to maximize network lifetime in multi-hop wireless sensor network with guaranteed transport delay and reliability. Peer-to-Peer Networking and Applications, 2014, 7, 255-273.	2.6	38
106	Social-Aware Data Collection Scheme Through Opportunistic Communication in Vehicular Mobile Networks. IEEE Access, 2016, 4, 6480-6502.	2.6	38
107	A Residual Energy Aware Schedule Scheme for WSNs Employing Adjustable Awake/Sleep Duty Cycle. Wireless Personal Communications, 2016, 90, 1859-1887.	1.8	38
108	Energy-Efficient Broadcasting Scheme for Smart Industrial Wireless Sensor Networks. Mobile Information Systems, 2017, 2017, 1-17.	0.4	38

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109	Differentiated Data Aggregation Routing Scheme for Energy Conserving and Delay Sensitive Wireless Sensor Networks. Sensors, 2018, 18, 2349.	2.1	38
110	APMD: A fast data transmission protocol with reliability guarantee for pervasive sensing data communication. Pervasive and Mobile Computing, 2017, 41, 413-435.	2.1	37
111	Preserving Source Location Privacy for Energy Harvesting WSNs. Sensors, 2017, 17, 724.	2.1	37
112	On the hybrid using of unicast-broadcast in wireless sensor networks. Computers and Electrical Engineering, 2018, 71, 714-732.	3.0	37
113	Delay and energy-efficient data collection scheme-based matrix filling theory for dynamic traffic IoT. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	37
114	Compressed sensing for image reconstruction via back-off and rectification of greedy algorithm. Signal Processing, 2019, 157, 280-287.	2.1	37
115	ITCN: An Intelligent Trust Collaboration Network System in IoT. IEEE Transactions on Network Science and Engineering, 2022, 9, 203-218.	4.1	37
116	Reliability guaranteed efficient data gathering in wireless sensor networks. IEEE Access, 2015, 3, 430-444.	2.6	36
117	A Similarity Scenario-Based Recommendation Model With Small Disturbances for Unknown Items in Social Networks. IEEE Access, 2016, 4, 9251-9272.	2.6	36
118	A Smart High-Speed Backbone Path Construction Approach for Energy and Delay Optimization in WSNs. IEEE Access, 2018, 6, 13836-13854.	2.6	36
119	A Collaboration Platform for Effective Task and Data Reporter Selection in Crowdsourcing Network. IEEE Access, 2019, 7, 19238-19257.	2.6	36
120	To Reduce Delay, Energy Consumption and Collision through Optimization Duty-Cycle and Size of Forwarding Node Set in WSNs. IEEE Access, 2019, 7, 55983-56015.	2.6	36
121	Adaption Resizing Communication Buffer to Maximize Lifetime and Reduce Delay for WVSNs. IEEE Access, 2019, 7, 48266-48287.	2.6	36
122	Learning-based synchronous approach from forwarding nodes to reduce the delay for Industrial Internet of Things. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	35
123	Deployment Optimization of Data Centers in Vehicular Networks. IEEE Access, 2019, 7, 20644-20663.	2.6	35
124	A Cost-Efficient Greedy Code Dissemination Scheme Through Vehicle to Sensing Devices (V2SD) Communication in Smart City. IEEE Access, 2019, 7, 16675-16694.	2.6	35
125	A Trust With Abstract Information Verified Routing Scheme for Cyber-Physical Network. IEEE Access, 2018, 6, 3882-3898.	2.6	34
126	An Energy Conserving and Transmission Radius Adaptive Scheme to Optimize Performance of Energy Harvesting Sensor Networks. Sensors, 2018, 18, 2885.	2.1	34

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127	DDSV: Optimizing Delay and Delivery Ratio for Multimedia Big Data Collection in Mobile Sensing Vehicles. IEEE Internet of Things Journal, 2018, 5, 3474-3486.	5.5	34
128	A Latency and Coverage Optimized Data Collection Scheme for Smart Cities Based on Vehicular Ad-hoc Networks. Sensors, 2017, 17, 888.	2.1	33
129	Duty Cycle Adaptive Adjustment Based Device to Device (D2D) Communication Scheme for WSNs. IEEE Access, 2018, 6, 76339-76373.	2.6	33
130	MSDG: A novel green data gathering scheme for wireless sensor networks. Computer Networks, 2018, 142, 223-239.	3.2	33
131	A Deep Reinforcement Learning-Based Resource Management Game in Vehicular Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2422-2433.	4.7	33
132	RDRL: A Recurrent Deep Reinforcement Learning Scheme for Dynamic Spectrum Access in Reconfigurable Wireless Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 364-376.	4.1	33
133	PHACK: An Efficient Scheme for Selective Forwarding Attack Detection in WSNs. Sensors, 2015, 15, 30942-30963.	2.1	32
134	An Efficient Heuristic Subtraction Deployment Strategy to Guarantee Quality of Event Detection for WSNs. Computer Journal, 2015, 58, 1747-1762.	1.5	32
135	FFSC: An Energy Efficiency Communications Ap-proach for Delay Minimizing in Internet of Things. IEEE Access, 2016, , 1-1.	2.6	32
136	A Time and Location Correlation Incentive Scheme for Deep Data Gathering in Crowdsourcing Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-22.	0.8	32
137	Wireless Network Optimization via Physical Layer Information for Smart Cities. IEEE Network, 2018, 32, 88-93.	4.9	32
138	Toward Energy-Aware Caching for Intelligent Connected Vehicles. IEEE Internet of Things Journal, 2020, 7, 8157-8166.	5.5	32
139	Minimizing Delay and Transmission Times with Long Lifetime in Code Dissemination Scheme for High Loss Ratio and Low Duty Cycle Wireless Sensor Networks. Sensors, 2018, 18, 3516.	2.1	31
140	Compressive Sensing-Based Clustering Joint Annular Routing Data Gathering Scheme for Wireless Sensor Networks. IEEE Access, 2019, 7, 114639-114658.	2.6	31
141	A Novel Light-Weight Subjective Trust Inference Framework in MANETs. IEEE Transactions on Sustainable Computing, 2020, 5, 236-248.	2.2	31
142	Vehicles joint UAVs to acquire and analyze data for topology discovery in large-scale IoT systems. Peer-to-Peer Networking and Applications, 2020, 13, 1720-1743.	2.6	31
143	An Effective Early Message Ahead Join Adaptive Data Aggregation Scheme for Sustainable IoT. IEEE Transactions on Network Science and Engineering, 2021, 8, 201-219.	4.1	30
144	Distributed cooperative communication nodes control and optimization reliability for resource-constrained WSNs. Neurocomputing, 2017, 270, 122-136.	3.5	29

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145	Adaptive Aggregation Routing to Reduce Delay for Multi-Layer Wireless Sensor Networks. Sensors, 2018, 18, 1216.	2.1	29
146	An unequal redundancy level-based mechanism for reliable data collection in wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	28
147	Integrated collaborative filtering recommendation in social cyber-physical systems. International Journal of Distributed Sensor Networks, 2017, 13, 155014771774974.	1.3	28
148	High-performance target tracking scheme with low prediction precision requirement in WSNs. International Journal of Ad Hoc and Ubiquitous Computing, 2018, 29, 270.	0.3	28
149	Qâ€learning based flexible task scheduling in a global view for the Internet of Things. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4111.	2.6	28
150	A novel joint logging and migrating traceback scheme for achieving low storage requirement and long lifetime in WSNs. AEU - International Journal of Electronics and Communications, 2015, 69, 1464-1482.	1.7	27
151	Broadcast Based Code Dissemination Scheme for Duty Cycle Based Wireless Sensor Networks. IEEE Access, 2019, 7, 105258-105286.	2.6	26
152	Restoring Connectivity of Damaged Sensor Networks for Long-Term Survival in Hostile Environments. IEEE Internet of Things Journal, 2020, 7, 1205-1215.	5.5	26
153	An incentive game based evolutionary model for crowd sensing networks. Peer-to-Peer Networking and Applications, 2016, 9, 692-711.	2.6	25
154	An Effective Delay Reduction Approach through a Portion of Nodes with a Larger Duty Cycle for Industrial WSNs. Sensors, 2018, 18, 1535.	2.1	25
155	An Adaption Broadcast Radius-Based Code Dissemination Scheme for Low Energy Wireless Sensor Networks. Sensors, 2018, 18, 1509.	2.1	25
156	An adaptive retransmit mechanism for delay differentiated services in industrial WSNs. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	25
157	A Trust Computing-based Security Routing Scheme for Cyber Physical Systems. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-27.	2.9	25
158	Edge intelligence computing for mobile augmented reality with deep reinforcement learning approach. Computer Networks, 2021, 195, 108186.	3.2	25
159	Preserving Smart Sink-Location Privacy with Delay Guaranteed Routing Scheme for WSNs. Transactions on Embedded Computing Systems, 2017, 16, 1-25.	2.1	24
160	Construction Low Complexity and Low Delay CDS for Big Data Code Dissemination. Complexity, 2018, 2018, 1-19.	0.9	24
161	Privacy-Preserving Protocol for Sink Node Location in Telemedicine Networks. IEEE Access, 2018, 6, 42886-42903.	2.6	24
162	An Efficient Information Maximization Based Adaptive Congestion Control Scheme in Wireless Sensor Network. IEEE Access, 2019, 7, 64878-64896.	2.6	24

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163	Adaptive duty cycle controlâ€“based opportunistic routing scheme to reduce delay in cyber physical systems. International Journal of Distributed Sensor Networks, 2019, 15, 155014771984187.	1.3	24
164	Distributed Multi-Representative Re-Fusion Approach for Heterogeneous Sensing Data Collection. Transactions on Embedded Computing Systems, 2017, 16, 1-25.	2.1	23
165	Wind direction prediction for yaw control of wind turbines. International Journal of Control, Automation and Systems, 2017, 15, 1720-1728.	1.6	23
166	A Cross-Layer Optimized Opportunistic Routing Scheme for Loss-and-Delay Sensitive WSNs. Sensors, 2018, 18, 1422.	2.1	23
167	Orchestrating Data as a Services-Based Computing and Communication Model for Information-Centric Internet of Things. IEEE Access, 2018, 6, 38900-38920.	2.6	23
168	A Game-Based Economic Model for Price Decision Making in Cyber-Physical-Social Systems. IEEE Access, 2019, 7, 111559-111576.	2.6	23
169	When Sensor-Cloud Meets Mobile Edge Computing. Sensors, 2019, 19, 5324.	2.1	23
170	Preserving Source-Location Privacy through Redundant Fog Loop for Wireless Sensor Networks. , 2015, , .		22
171	Delay-Aware Program Codes Dissemination Scheme in Internet of Everything. Mobile Information Systems, 2016, 2016, 1-18.	0.4	22
172	On Selecting Vehicles as Recommenders for Vehicular Social Networks. IEEE Access, 2017, 5, 5539-5555.	2.6	22
173	Large-Scale Programing Code Dissemination for Software-Defined Wireless Networks. Computer Journal, 2017, 60, 1417-1442.	1.5	22
174	A Trust-Based Model for Security Cooperating in Vehicular Cloud Computing. Mobile Information Systems, 2016, 2016, 1-22.	0.4	21
175	Adaptive Transmission Power Control for Reliable Data Forwarding in Sensor Based Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-22.	0.8	21
176	An UAV-Enabled Intelligent Connected Transportation System With 6G Communications for Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, , 1-15.	4.7	21
177	A new distributed topology control algorithm based on optimization of delay and energy in wireless networks. Journal of Parallel and Distributed Computing, 2012, 72, 1032-1044.	2.7	20
178	Adaptive Information Dissemination Control to Provide Diffdelay for the Internet of Things. Sensors, 2017, 17, 138.	2.1	20
179	A Comparison Study between Two MPPT Control Methods for a Large Variable-Speed Wind Turbine under Different Wind Speed Characteristics. Energies, 2017, 10, 613.	1.6	20
180	Caching Joint Shortcut Routing to Improve Quality of Service for Information-Centric Networking. Sensors, 2018, 18, 1750.	2.1	20

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181	Energy Efficient Mode Selection, Base Station Selection and Resource Allocation Algorithm in D2D Heterogeneous Networks. Peer-to-Peer Networking and Applications, 2020, 13, 1814-1829.	2.6	20
182	An Intelligent and Trust UAV-Assisted Code Dissemination 5G System for Industrial Internet-of-Things. IEEE Transactions on Industrial Informatics, 2022, 18, 2877-2889.	7.2	20
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