Guangjie Han

List of Publications by Year
in descending order

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342	11,401	28242	49868
papers	citations	55 h-index	87 g-index

344	344	344	8717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A survey on coverage and connectivity issues in wireless sensor networks. Journal of Network and Computer Applications, 2012, 35, 619-632.	5.8	457
2	Localization algorithms of Wireless Sensor Networks: a survey. Telecommunication Systems, 2013, 52, 2419-2436.	1.6	385
3	A Survey on Mobile Anchor Node Assisted Localization in Wireless Sensor Networks. IEEE Communications Surveys and Tutorials, 2016, 18, 2220-2243.	24.8	370
4	Intelligent Fault Diagnosis of Rotor-Bearing System Under Varying Working Conditions With Modified Transfer Convolutional Neural Network and Thermal Images. IEEE Transactions on Industrial Informatics, 2021, 17, 3488-3496.	7.2	251
5	An Efficient Distributed Trust Model for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1228-1237.	4.0	218
6	Management and applications of trust in Wireless Sensor Networks: A survey. Journal of Computer and System Sciences, 2014, 80, 602-617.	0.9	217
7	A Tree-Cluster-Based Data-Gathering Algorithm for Industrial WSNs With a Mobile Sink. IEEE Access, 2015, 3, 381-396.	2.6	191
8	Analysis of Energy-Efficient Connected Target Coverage Algorithms for Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 135-143.	7.2	185
9	Localization Algorithms of Underwater Wireless Sensor Networks: A Survey. Sensors, 2012, 12, 2026-2061.	2.1	175
10	A grid-based joint routing and charging algorithm for industrial wireless rechargeable sensor networks. Computer Networks, 2016, 101, 19-28.	3.2	145
11	Routing protocols for underwater wireless sensor networks. , 2015, 53, 72-78.		138
12	Impacts of Deployment Strategies on Localization Performance in Underwater Acoustic Sensor Networks. IEEE Transactions on Industrial Electronics, 2015, 62, 1725-1733.	5.2	138
13	RAQâ€“A Random Forest Approach for Predicting Air Quality in Urban Sensing Systems. Sensors, 2016, 16, 86.	2.1	125
14	Intelligent Digital Twin-Based Software-Defined Vehicular Networks. IEEE Network, 2020, 34, 178-184.	4.9	125
15	An Attack-Resistant Trust Model Based on Multidimensional Trust Metrics in Underwater Acoustic Sensor Network. IEEE Transactions on Mobile Computing, 2015, 14, 2447-2459.	3.9	121
16	Secure communication for underwater acoustic sensor networks. , 2015, 53, 54-60.		119
17	Crossâ€layer optimized routing in wireless sensor networks with duty cycle and energy harvesting. Wireless Communications and Mobile Computing, 2015, 15, 1957-1981.	0.8	108
18	A Stratification-Based Data Collection Scheme in Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 10671-10682.	3.9	108

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19	BlockSDN: Blockchain-as-a-Service for Software Defined Networking in Smart City Applications. IEEE Network, 2020, 34, 83-91.	4.9	101
20	A Disaster Management-Oriented Path Planning for Mobile Anchor Node-Based Localization in Wireless Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 115-125.	3.2	99
21	Path planning using a mobile anchor node based on trilateration in wireless sensor networks. Wireless Communications and Mobile Computing, 2013, 13, 1324-1336.	0.8	98
22	Software Defined Space-Terrestrial Integrated Networks: Architecture, Challenges, and Solutions. IEEE Network, 2019, 33, 22-28.	4.9	98
23	Distributed Parameter Estimation for Mobile Wireless Sensor Network Based on Cloud Computing in Battlefield Surveillance System. IEEE Access, 2015, 3, 1729-1739.	2.6	96
24	A High-Availability Data Collection Scheme based on Multi-AUVs for Underwater Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1010-1022.	3.9	91
25	A Reliable Energy Efficient Dynamic Spectrum Sensing for Cognitive Radio IoT Networks. IEEE Internet of Things Journal, 2019, 6, 6748-6759.	5.5	90
26	A Joint Energy Replenishment and Data Collection Algorithm in Wireless Rechargeable Sensor Networks. IEEE Internet of Things Journal, 2018, 5, 2596-2604.	5.5	87
27	DOA Estimation for Coherently Distributed Sources Considering Circular and Noncircular Signals in Massive MIMO Systems. IEEE Systems Journal, 2017, 11, 41-49.	2.9	84
28	Geographic multipath routing based on geospatial division in duty-cycled underwater wireless sensor networks. Journal of Network and Computer Applications, 2016, 59, 4-13.	5.8	82
29	Sublethal effects of chlorantraniliprole on development, reproduction and vitellogenin gene (CsVg) expression in the rice stem borer,Chilo suppressalis. Pest Management Science, 2016, 72, 2280-2286.	1.7	81
30	A Trust Model Based on Cloud Theory in Underwater Acoustic Sensor Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 342-350.	7.2	81
31	A source location protection protocol based on dynamic routing in WSNs for the Social Internet of Things. Future Generation Computer Systems, 2018, 82, 689-697.	4.9	81
32	HySense: A Hybrid Mobile CrowdSensing Framework for Sensing Opportunities Compensation under Dynamic Coverage Constraint. , 2017, 55, 93-99.		80
33	MDFCâ€“ResNet: An Agricultural IoT System to Accurately Recognize Crop Diseases. IEEE Access, 2020, 8, 115287-115298.	2.6	79
34	An Efficient Virtual Machine Consolidation Scheme for Multimedia Cloud Computing. Sensors, 2016, 16, 246.	2.1	76
35	A Node Location Algorithm Based on Node Movement Prediction in Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3166-3178.	3.9	76
36	Interaction Data Detection System to Upgrade Brick and Mortar Shops: Metrics Allow Offline Shops to Compete with Online Retailers. IEEE Consumer Electronics Magazine, 2017, 6, 57-63.	2.3	73

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37	Ant-Colony-Based Complete-Coverage Path-Planning Algorithm for Underwater Gliders in Ocean Areas With Thermoclines. IEEE Transactions on Vehicular Technology, 2020, 69, 8959-8971.	3.9	73
38	A Trust Cloud Model for Underwater Wireless Sensor Networks. IEEE Communications Magazine, 2017, 55, 110-116.	4.9	72
39	An AUV Location Prediction-Based Data Collection Scheme for Underwater Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6037-6049.	3.9	72
40	E2HRC: An Energy-Efficient Heterogeneous Ring Clustering Routing Protocol for Wireless Sensor Networks. IEEE Access, 2017, 5, 1702-1713.	2.6	71
41	Mobility Support for Fog Computing: An SDN Approach. , 2018, 56, 53-59.		70
42	An Uneven Cluster-Based Mobile Charging Algorithm for Wireless Rechargeable Sensor Networks. IEEE Systems Journal, 2019, 13, 3747-3758.	2.9	70
43	An Energy-Aware and Void-Avoidable Routing Protocol for Underwater Sensor Networks. IEEE Access, 2018, 6, 7792-7801.	2.6	69
44	Velocity-Free Localization of Autonomous Driverless Vehicles in Underground Intelligent Mines. IEEE Transactions on Vehicular Technology, 2020, 69, 9292-9303.	3.9	69
45	The Application of DOA Estimation Approach in Patient Tracking Systems with High Patient Density. IEEE Transactions on Industrial Informatics, 2016, 12, 2353-2364.	7.2	68
46	Three Dimensional Comprehensive Analytical Solutions for Locating Sources of Sensor Networks in Unknown Velocity Mining System. IEEE Access, 2017, 5, 11337-11351.	2.6	68
47	A Distributed Mobile Fog Computing Scheme for Mobile Delay-Sensitive Applications in SDN-Enabled Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5481-5493.	3.9	68
48	An energy efficient DOA estimation algorithm for uncorrelated and coherent signals in virtual MIMO systems. Telecommunication Systems, 2015, 59, 93-110.	1.6	67
49	Surge-Heading Guidance-Based Finite-Time Path Following of Underactuated Marine Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 8523-8532.	3.9	67
50	A Novel DOA Estimation Algorithm Using Array Rotation Technique. Future Internet, 2014, 6, 155-170.	2.4	62
51	A Survey on Deployment Algorithms in Underwater Acoustic Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 314049.	1.3	61
52	Green Routing Protocols for Wireless Multimedia Sensor Networks. IEEE Wireless Communications, 2016, 23, 140-146.	6.6	61
53	District Partition-Based Data Collection Algorithm With Event Dynamic Competition in Underwater Acoustic Sensor Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 5755-5764.	7.2	60
54	Characteristics of Co-Allocated Online Services and Batch Jobs in Internet Data Centers: A Case Study From Alibaba Cloud. IEEE Access, 2019, 7, 22495-22508.	2.6	60

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55	Optimal Resource Allocation in Energy-Efficient Internet-of-Things Networks With Imperfect CSI. IEEE Internet of Things Journal, 2020, 7, 5401-5411.	5.5	60
56	Two Novel DOA Estimation Approaches for Real-Time Assistant Calibration Systems in Future Vehicle Industrial. IEEE Systems Journal, 2017, 11, 1361-1372.	2.9	58
57	Energy-Optimal Data Collection for Unmanned Aerial Vehicle-Aided Industrial Wireless Sensor Network-Based Agricultural Monitoring System: A Clustering Compressed Sampling Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 4411-4420.	7.2	58
58	Edge Computing-Based Intelligent Manhole Cover Management System for Smart Cities. IEEE Internet of Things Journal, 2018, 5, 1648-1656.	5.5	57
59	Prediction-Based Delay Optimization Data Collection Algorithm for Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6926-6936.	3.9	57
60	A survey on location privacy protection in Wireless Sensor Networks. Journal of Network and Computer Applications, 2019, 125, 93-114.	5.8	56
61	DAGIoV: A Framework for Vehicle to Vehicle Communication Using Directed Acyclic Graph and Game Theory. IEEE Transactions on Vehicular Technology, 2020, 69, 4182-4191.	3.9	56
62	TD-LSTM: Temporal Dependence-Based LSTM Networks for Marine Temperature Prediction. Sensors, 2018, 18, 3797.	2.1	55
63	KCLP: A k-Means Cluster-Based Location Privacy Protection Scheme in WSNs for IoT. IEEE Wireless Communications, 2018, 25, 84-90.	6.6	55
64	SSL: Smart Street Lamp Based on Fog Computing for Smarter Cities. IEEE Transactions on Industrial Informatics, 2018, 14, 4995-5004.	7.2	55
65	A Synergetic Trust Model Based on SVM in Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 11239-11247.	3.9	55
66	CPSLP: A Cloud-Based Scheme for Protecting Source Location Privacy in Wireless Sensor Networks Using Multi-Sinks. IEEE Transactions on Vehicular Technology, 2019, 68, 2739-2750.	3.9	55
67	PD Source Diagnosis and Localization in Industrial High-Voltage Insulation System via Multimodal Joint Sparse Representation. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	5.2	53
68	Dynamic Adaptive Replacement Policy in Shared Last-Level Cache of DRAM/PCM Hybrid Memory for Big Data Storage. IEEE Transactions on Industrial Informatics, 2017, 13, 1951-1960.	7.2	51
69	An Improved Ant Colony Algorithm for Path Planning in One Scenic Area With Many Spots. IEEE Access, 2017, 5, 13260-13269.	2.6	51
70	A Dynamic Multipath Scheme for Protecting Source-Location Privacy Using Multiple Sinks in WSNs Intended for IIoT. IEEE Transactions on Industrial Informatics, 2020, 16, 5527-5538.	7.2	51
71	The impacts of mobility models on DV-hop based localization in Mobile Wireless Sensor Networks. Journal of Network and Computer Applications, 2014, 42, 70-79.	5.8	50
72	A BP Neural Network Prediction Model Based on Dynamic Cuckoo Search Optimization Algorithm for Industrial Equipment Fault Prediction. IEEE Access, 2019, 7, 11736-11746.	2.6	50

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73	A Path Planning Scheme for AUV Flock-Based Internet-of-Underwater-Things Systems to Enable Transparent and Smart Ocean. IEEE Internet of Things Journal, 2020, 7, 9760-9772.	5.5	50
74	Cellular Clustering-Based Interference-Aware Data Transmission Protocol for Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3217-3230.	3.9	50
75	The Critical Patients Localization Algorithm Using Sparse Representation for Mixed Signals in Emergency Healthcare System. IEEE Systems Journal, 2018, 12, 52-63.	2.9	49
76	Specific Emitter Identification Based on Multi-Level Sparse Representation in Automatic Identification System. IEEE Transactions on Information Forensics and Security, 2021, 16, 2872-2884.	4.5	49
77	Static Memory Deduplication for Performance Optimization in Cloud Computing. Sensors, 2017, 17, 968.	2.1	48
78	LDC: A lightweight dada consensus algorithm based on the blockchain for the industrial Internet of Things for smart city applications. Future Generation Computer Systems, 2020, 108, 574-582.	4.9	48
79	Modified DenseNet for Automatic Fabric Defect Detection With Edge Computing for Minimizing Latency. IEEE Internet of Things Journal, 2020, 7, 9623-9636.	5.5	48
80	Multi-Energy Scheduling of an Industrial Integrated Energy System by Reinforcement Learning-Based Differential Evolution. IEEE Transactions on Green Communications and Networking, 2021, 5, 1077-1090.	3.5	47
81	A Collaborative Secure Localization Algorithm Based on Trust Model in Underwater Wireless Sensor Networks. Sensors, 2016, 16, 229.	2.1	46
82	Path-Loss-Based Fingerprint Localization Approach for Location-Based Services in Indoor Environments. IEEE Access, 2017, 5, 13756-13769.	2.6	46
83	BRTCO: A Novel Boundary Recognition and Tracking Algorithm for Continuous Objects in Wireless Sensor Networks. IEEE Systems Journal, 2018, 12, 2056-2065.	2.9	45
84	A Dynamic Trust Evaluation and Update Mechanism Based on C4.5 Decision Tree in Underwater Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9031-9040.	3.9	44
85	A Cloud Edge Collaborative Intelligence Method of Insulator String Defect Detection for Power IIoT. IEEE Internet of Things Journal, 2021, 8, 7510-7520.	5.5	44
86	Spatiotemporal Congestion-Aware Path Planning Toward Intelligent Transportation Systems in Software-Defined Smart City IoT. IEEE Internet of Things Journal, 2020, 7, 8012-8024.	5.5	43
87	A Mobile Anchor Assisted Localization Algorithm Based on Regular Hexagon in Wireless Sensor Networks. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	41
88	An Energy Efficient and QoS Aware Routing Algorithm Based on Data Classification for Industrial Wireless Sensor Networks. IEEE Access, 2018, 6, 46495-46504.	2.6	41
89	Multi-AUV Collaborative Data Collection Algorithm Based on Q-Learning in Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 9294-9305.	3.9	41
90	Fault-Tolerant Event Region Detection on Trajectory Pattern Extraction for Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 2072-2080.	7.2	40

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91	IDSEP: a novel intrusion detection scheme based on energy prediction in clusterâ€based wireless sensor networks. IET Information Security, 2013, 7, 97-105.	1.1	39
92	IRPL: An energy efficient routing protocol for wireless sensor networks. Journal of Systems Architecture, 2017, 75, 35-49.	2.5	39
93	An SDN Architecture for AUV-Based Underwater Wireless Networks to Enable Cooperative Underwater Search. IEEE Wireless Communications, 2020, 27, 132-139.	6.6	39
94	A Hybrid Machine Learning Model for Demand Prediction of Edge-Computing-Based Bike-Sharing System Using Internet of Things. IEEE Internet of Things Journal, 2020, 7, 7345-7356.	5.5	39
95	LMAT: Localization with a Mobile Anchor Node Based on Trilateration in Wireless Sensor Networks. , 2011, , .		37
96	Resource-utilization-aware energy efficient server consolidation algorithm for green computing in IIOT. Journal of Network and Computer Applications, 2018, 103, 205-214.	5.8	37
97	A Coverage-Aware Hierarchical Charging Algorithm in Wireless Rechargeable Sensor Networks. IEEE Network, 2019, 33, 201-207.	4.9	36
98	Lack of cross-resistance between neonicotinoids and sulfoxaflor in field strains of Q-biotype of whitefly, Bemisia tabaci , from eastern China. Pesticide Biochemistry and Physiology, 2017, 136, 46-51.	1.6	35
99	Mobility Management for Intro/Inter Domain Handover in Software-Defined Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1739-1754.	9.7	35
100	Photovoltaic Agricultural Internet of Things Towards Realizing the Next Generation of Smart Farming. IEEE Access, 2020, 8, 76300-76312.	2.6	35
101	Mobile anchor nodes path planning algorithms using network-density-based clustering in wireless sensor networks. Journal of Network and Computer Applications, 2017, 85, 64-75.	5.8	34
102	A Multicharger Cooperative Energy Provision Algorithm Based on Density Clustering in the Industrial Internet of Things. IEEE Internet of Things Journal, 2019, 6, 9165-9174.	5.5	34
103	Reference node placement and selection algorithm based on trilateration for indoor sensor networks. Wireless Communications and Mobile Computing, 2009, 9, 1017-1027.	0.8	33
104	A Scheme for Delay-Sensitive Spatiotemporal Routing in SDN-Enabled Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 9280-9292.	3.9	33
105	A Probabilistic Source Location Privacy Protection Scheme in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5917-5927.	3.9	33
106	Reinforcement Learning and Particle Swarm Optimization Supporting Real-Time Rescue Assignments for Multiple Autonomous Underwater Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6807-6820.	4.7	33
107	Distributed UAV-BSs Trajectory Optimization for User-Level Fair Communication Service With Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 12290-12301.	3.9	33
108	Concept drift detection for data stream learning based on angle optimized global embedding and principal component analysis in sensor networks. Computers and Electrical Engineering, 2017, 58, 327-336.	3.0	32

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109	A sector-based random routing scheme for protecting the source location privacy in WSNs for the Internet of Things. Future Generation Computer Systems, 2019, 96, 438-448.	4.9	32
110	An Energy-Efficient Ring Cross-Layer Optimization Algorithm for Wireless Sensor Networks. IEEE Access, 2018, 6, 16588-16598.	2.6	31
111	CASLP: A Confused Arc-Based Source Location Privacy Protection Scheme in WSNs for IoT. IEEE Communications Magazine, 2018, 56, 42-47.	4.9	31
112	Intelligent Quality of Service Aware Traffic Forwarding for Software-Defined Networking/Open Shortest Path First Hybrid Industrial Internet. IEEE Transactions on Industrial Informatics, 2020, 16, 1395-1405.	7.2	31
113	A Trust Update Mechanism Based on Reinforcement Learning in Underwater Acoustic Sensor Networks. IEEE Transactions on Mobile Computing, 2022, 21, 811-821.	3.9	31
114	An Energy-Balanced Trust Cloud Migration Scheme for Underwater Acoustic Sensor Networks. IEEE Transactions on Wireless Communications, 2020, 19, 1636-1649.	6.1	30
115	Anomaly Detection Based on Multidimensional Data Processing for Protecting Vital Devices in 6G-Enabled Massive IIoT. IEEE Internet of Things Journal, 2021, 8, 5219-5229.	5.5	30
116	Secure Localization in Wireless Sensor Networks: A Survey (Invited Paper). Journal of Communications, 2011, 6, .	1.3	30
117	TGM-COT: energy-efficient continuous object tracking scheme with two-layer grid model in wireless sensor networks. Personal and Ubiquitous Computing, 2016, 20, 349-359.	1.9	28
118	A Hierarchical Jammed-Area Mapping Service for Ubiquitous Communication in Smart Communities. , 2018, 56, 92-98.		28
119	A Novel Reliable Adaptive Beacon Time Synchronization Algorithm for Large-Scale Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 11565-11576.	3.9	28
120	Performance Modeling of Representative Load Sharing Schemes for Clustered Servers in Multiaccess Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4880-4888.	5.5	28
121	IGRC: An improved grid-based joint routing and charging algorithm for wireless rechargeable sensor networks. Future Generation Computer Systems, 2019, 92, 837-845.	4.9	28
122	QoE-Driven Intelligent Handover for User-Centric Mobile Satellite Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 10127-10139.	3.9	28
123	A Cooperative-Control-Based Underwater Target Escorting Mechanism With Multiple Autonomous Underwater Vehicles for Underwater Internet of Things. IEEE Internet of Things Journal, 2021, 8, 4403-4416.	5.5	28
124	A Comparative Study of Routing Protocols of Heterogeneous Wireless Sensor Networks. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	27
125	AREP: An asymmetric link-based reverse routing protocol for underwater acoustic sensor networks. Journal of Network and Computer Applications, 2017, 92, 51-58.	5.8	27
126	A Multi-Step Source Localization Method With Narrowing Velocity Interval of Cyber-Physical Systems in Buildings. IEEE Access, 2017, 5, 20207-20219.	2.6	26

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127	Dynamic Path Planning Algorithms With Load Balancing Based on Data Prediction for Smart Transportation Systems. IEEE Access, 2020, 8, 15907-15922.	2.6	26
128	Joint Optimization of Cooperative Edge Caching and Radio Resource Allocation in 5G-Enabled Massive IoT Networks. IEEE Internet of Things Journal, 2021, 8, 14156-14170.	5.5	26
129	Homomorphic Evaluation of the Integer Arithmetic Operations for Mobile Edge Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	0.8	25
130	Channel Hopping Protocols for Dynamic Spectrum Management in 5G Technology. IEEE Wireless Communications, 2017, 24, 102-109.	6.6	24
131	Socialized healthcare service recommendation using deep learning. Neural Computing and Applications, 2018, 30, 2071-2082.	3.2	24
132	Hybrid-LRU Caching for Optimizing Data Storage and Retrieval in Edge Computing-Based Wearable Sensors. IEEE Internet of Things Journal, 2019, 6, 1342-1351.	5.5	24
133	A Cluster Sleep-Wake Scheduling Algorithm Based on 3D Topology Control in Underwater Sensor Networks. Sensors, 2019, 19, 156.	2.1	24
134	Coordinate Memory Deduplication and Partition for Improving Performance in Cloud Computing. IEEE Transactions on Cloud Computing, 2019, 7, 357-368.	3.1	24
135	Partial offloading strategy for mobile edge computing considering mixed overhead of time and energy. Neural Computing and Applications, 2020, 32, 15383-15397.	3.2	24
136	A Data Set Accuracy Weighted Random Forest Algorithm for IoT Fault Detection Based on Edge Computing and Blockchain. IEEE Internet of Things Journal, 2021, 8, 2354-2363.	5.5	24
137	Intrusion detection based on hybrid classifiers for smart grid. Computers and Electrical Engineering, 2021, 93, 107212.	3.0	24
138	Autonomous Cooperative Flocking for Heterogeneous Unmanned Aerial Vehicle Group. IEEE Transactions on Vehicular Technology, 2021, 70, 12477-12490.	3.9	24
139	A Linearization Model of Turbofan Engine for Intelligent Analysis Towards Industrial Internet of Things. IEEE Access, 2019, 7, 145313-145323.	2.6	23
140	SSLP: A Stratification-Based Source Location Privacy Scheme in Underwater Acoustic Sensor Networks. IEEE Network, 2020, 34, 188-195.	4.9	23
141	Dynamic Resource Partitioning for Heterogeneous Multi-Core-Based Cloud Computing in Smart Cities. IEEE Access, 2016, 4, 108-118.	2.6	22
142	A DOA Estimation Approach for Transmission Performance Guarantee in D2D Communication. Mobile Networks and Applications, 2017, 22, 998-1009.	2.2	22
143	NDSRT: An Efficient Virtual Multi-Sensor Response Transformation for Classification of Gases/Odors. IEEE Sensors Journal, 2017, 17, 3416-3421.	2.4	22
144	MCTE: Minimizes Task Completion Time and Execution Cost to Optimize Scheduling Performance for Smart Grid Cloud. IEEE Access, 2019, 7, 134793-134803.	2.6	22

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145	QSDN-WISE: A New QoS-Based Routing Protocol for Software-Defined Wireless Sensor Networks. IEEE Access, 2019, 7, 61070-61082.	2.6	22
146	A Maximum Cache Value Policy in Hybrid Memory-Based Edge Computing for Mobile Devices. IEEE Internet of Things Journal, 2019, 6, 4401-4410.	5.5	22
147	Boundary Tracking of Continuous Objects Based on Binary Tree Structured SVM for Industrial Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2022, 21, 849-861.	3.9	22
148	Cloud Computing Based Demand Response Management Using Deep Reinforcement Learning. IEEE Transactions on Cloud Computing, 2022, 10, 72-81.	3.1	22
149	Localization Algorithms in Large-Scale Underwater Acoustic Sensor Networks: A Quantitative Comparison. International Journal of Distributed Sensor Networks, 2014, 10, 379382.	1.3	21
150	Impacts of traveling paths on energy provisioning for industrial wireless rechargeable sensor networks. Microprocessors and Microsystems, 2015, 39, 1271-1278.	1.8	21
151	Cost aware cache replacement policy in shared last-level cache for hybrid memory based fog computing. Enterprise Information Systems, 2018, 12, 435-451.	3.3	21
152	Full-Duplex-Based Control Channel Establishment for Cognitive Internet of Things. IEEE Communications Magazine, 2019, 57, 70-75.	4.9	21
153	Optimal Deployment of Solar Insecticidal Lamps Over Constrained Locations in Mixed-Crop Farmlands. IEEE Internet of Things Journal, 2021, 8, 13095-13114.	5.5	21
154	A Partition-Based Node Deployment Strategy in Solar Insecticidal Lamps Internet of Things. IEEE Internet of Things Journal, 2020, 7, 11223-11237.	5.5	21
155	A survey on secure routing protocols for satellite network. Journal of Network and Computer Applications, 2019, 145, 102415.	5.8	20
156	ITrust: An Anomaly-Resilient Trust Model Based on Isolation Forest for Underwater Acoustic Sensor Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1684-1696.	3.9	20
157	A Mobile Charging Algorithm Based on Multicharger Cooperation in Internet of Things. IEEE Internet of Things Journal, 2021, 8, 684-694.	5.5	20
158	Collision-free and low delay MAC protocol based on multi-level quorum system in underwater wireless sensor networks. Computer Communications, 2021, 173, 56-69.	3.1	20
159	AUV-Assisted Subsea Exploration Method in 6G Enabled Deep Ocean Based on a Cooperative Pac-Men Mechanism. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1649-1660.	4.7	20
160	Edge-Intelligence-Based Condition Monitoring of Beam Pumping Units Under Heavy Noise in Industrial Internet of Things for Industry 4.0. IEEE Internet of Things Journal, 2023, 10, 3037-3046.	5.5	20
161	A dynamic ring-based routing scheme for source location privacy in wireless sensor networks. Information Sciences, 2019, 504, 308-323.	4.0	19
162	A source location privacy protection scheme based on ring-loop routing for the IoT. Computer Networks, 2019, 148, 142-150.	3.2	19

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163	TCSLP: A trace cost based source location privacy protection scheme in WSNs for smart cities. Future Generation Computer Systems, 2020, 107, 965-974.	4.9	19
164	An Indoor Ultrasonic Positioning System Based on TOA for Internet of Things. Mobile Information Systems, 2016, 2016, 1-10.	0.4	18
165	Locality-Aware Replacement Algorithm in Flash Memory to Optimize Cloud Computing for Smart Factory of Industry 4.0. IEEE Access, 2017, 5, 16252-16262.	2.6	18
166	Probabilistic Neighborhood Location-Point Covering Set-Based Data Collection Algorithm With Obstacle Avoidance for Three-Dimensional Underwater Acoustic Sensor Networks. IEEE Access, 2017, 5, 24785-24796.	2.6	18
167	A proposed security scheme against Denial of Service attacks in clusterâ€based wireless sensor networks. Security and Communication Networks, 2014, 7, 2542-2554.	1.0	17
168	PARS: A scheduling of periodically active rank to optimize power efficiency for main memory. Journal of Network and Computer Applications, 2015, 58, 327-336.	5.8	17
169	MANCL: a multiâ€anchor nodes collaborative localization algorithm for underwater acoustic sensor networks. Wireless Communications and Mobile Computing, 2016, 16, 682-702.	0.8	17
170	Probabilistic Neighborhood-Based Data Collection Algorithms for 3D Underwater Acoustic Sensor Networks. Sensors, 2017, 17, 316.	2.1	17
171	Dynamic cloud resource management for efficient media applications in mobile computing environments. Personal and Ubiquitous Computing, 2018, 22, 561-573.	1.9	17
172	Early Warning Obstacle Avoidance-Enabled Path Planning for Multi-AUV-Based Maritime Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-12.	4.7	17
173	Edge Computing-Enabled Internet of Vehicles: Towards Federated Learning Empowered Scheduling. IEEE Transactions on Vehicular Technology, 2022, 71, 10088-10103.	3.9	17
174	Path planning for a group of mobile anchor nodes based on regular triangles in wireless sensor networks. Neurocomputing, 2017, 270, 198-208.	3.5	16
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