Juan Luo

List of Publications by Year in descending order

57 papers	1,203 citations	567281 15 h-index	377865 34 g-index
57 all docs	57 docs citations	57 times ranked	1386 citing authors

#	Article	IF	Citations
1	Tasks Scheduling and Resource Allocation in Fog Computing Based on Containers for Smart Manufacturing. IEEE Transactions on Industrial Informatics, 2018, 14, 4712-4721.	11.3	254
2	Opportunistic Routing Algorithm for Relay Node Selection in Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2015, 11, 112-121.	11.3	211
3	Container-based fog computing architecture and energy-balancing scheduling algorithm for energy IoT. Future Generation Computer Systems, 2019, 97, 50-60.	7.5	102
4	Reliable and Cooperative Target Tracking Based on WSN and WiFi in Indoor Wireless Networks. IEEE Access, 2018, 6, 24846-24855.	4.2	55
5	Optimal Energy Strategy for Node Selection and Data Relay in WSN-based IoT. Mobile Networks and Applications, 2015, 20, 169-180.	3.3	44
6	Graphene-Grid Deployment in Energy Harvesting Cooperative Wireless Sensor Networks for Green IoT. IEEE Transactions on Industrial Informatics, 2019, 15, 1820-1829.	11.3	43
7	An Energy-Aware Offloading Framework for Edge-Augmented Mobile RFID Systems. IEEE Internet of Things Journal, 2019, 6, 3994-4004.	8.7	40
8	A hybrid particle swarm optimization with a variable neighborhood search for the localization enhancement in wireless sensor networks. Applied Intelligence, 2019, 49, 3539-3557.	5.3	39
9	Indoor Multifloor Localization Method Based on WiFi Fingerprints and LDA. IEEE Transactions on Industrial Informatics, 2019, 15, 5225-5234.	11.3	39
10	Optimal Virtual Machine Placement Based on Grey Wolf Optimization. Electronics (Switzerland), 2019, 8, 283.	3.1	36
11	Reliable Virtual Machine Placement Based on Multi-Objective Optimization With Traffic-Aware Algorithm in Industrial Cloud. IEEE Access, 2018, 6, 23043-23052.	4.2	33
12	A whale optimization system for energy-efficient container placement in data centers. Expert Systems With Applications, 2021, 164, 113719.	7.6	29
13	Novel localization algorithm for wireless sensor network based on intelligent water drops. Wireless Networks, 2019, 25, 597-609.	3.0	25
14	Secure Indoor Localization Based on Extracting Trusted Fingerprint. Sensors, 2018, 18, 469.	3.8	18
15	Opportunistic Energy Cooperation Mechanism for Large Internet of Things. Mobile Networks and Applications, 2018, 23, 489-502.	3.3	16
16	Intra-Balance Virtual Machine Placement for Effective Reduction in Energy Consumption and SLA Violation. IEEE Access, 2019, 7, 72387-72402.	4.2	16
17	Indoor Multi-Floor 3D Target Tracking Based on the Multi-Sensor Fusion. IEEE Access, 2020, 8, 36836-36846.	4.2	15
18	Large-Scale Deep Learning Framework on FPGA for Fingerprint-Based Indoor Localization. IEEE Access, 2020, 8, 65609-65617.	4.2	15

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19	Service Recommendation Middleware Based on Location Privacy Protection in VANET. IEEE Access, 2020, 8, 12768-12783.	4.2	14
20	Fast and Reliable Dynamic Tag Estimation in Large-Scale RFID Systems. IEEE Internet of Things Journal, 2021, 8, 1651-1661.	8.7	12
21	Smart contract service migration mechanism based on container in edge computing. Journal of Parallel and Distributed Computing, 2021, 152, 157-166.	4.1	12
22	An Efficient Algorithm for Wireless Sensor Network Localization Based on Hierarchical Structure Poly-Particle Swarm Optimization. Wireless Personal Communications, 2017, 97, 125-151.	2.7	11
23	Activity-specific caloric expenditure estimation from kinetic energy harvesting in wearable devices. Pervasive and Mobile Computing, 2020, 67, 101185.	3.3	11
24	Optimal Target Tracking Based on Dynamic Fingerprint in Indoor Wireless Network. IEEE Access, 2018, 6, 77226-77239.	4.2	9
25	Multiregional secure localization using compressive sensing in wireless sensor networks. ETRI Journal, 2019, 41, 739-749.	2.0	8
26	Secure and Reliable Indoor Localization Based on Multitask Collaborative Learning for Large-Scale Buildings. IEEE Internet of Things Journal, 2022, 9, 22291-22303.	8.7	8
27	Virtual Resource Allocation Based on Link Interference in Cayley Wireless Data Centers. IEEE Transactions on Computers, 2015, 64, 3016-3021.	3.4	7
28	Service discovery middleware based on QoS in VANET. , 2016, , .		7
29	A Cooperative Indoor Localization Enhancement Framework on Edge Computing Platforms for Safety-Critical Applications. , 2019, , .		7
30	Energy-efficient recognition of human activity in body sensor networks via compressed classification. International Journal of Distributed Sensor Networks, 2016, 12, 155014771667966.	2.2	6
31	Dynamic Flow Scheduling for Power Optimization of Data Center Networks. , 2017, , .		6
32	ELPMA: Efficient Localization Algorithm Based Path Planning for Mobile Anchor in Wireless Sensor Network. Wireless Personal Communications, 2018, 100, 721-744.	2.7	6
33	Researches on Intelligent Traffic Signal Control Based on Deep Reinforcement Learning. , 2020, , .		6
34	Power Control in Distributed Wireless Sensor Networks Based on Noncooperative Game Theory. International Journal of Distributed Sensor Networks, 2012, 8, 398460.	2.2	5
35	GTMA: Localization in Wireless Sensor Network Based a Group of Tri-Mobile Anchors. Journal of Computational and Theoretical Nanoscience, 2017, 14, 847-857.	0.4	5
36	Periodicity-and-Linear-Based Data Suppression Mechanism for WSN. , 2015, , .		4

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37	Memory boosts turn taking in evolutionary dilemma games. BioSystems, 2015, 131, 30-39.	2.0	4
38	VANET middleware for service sharing based on OSGI. Computer Science and Information Systems, 2015, 12, 729-742.	1.0	4
39	A Dynamic Escape Route Planning Method for Indoor Multi-floor Buildings Based on Real-time Fire Situation Awareness. , 2020, , .		4
40	Correlation-Model-Based Data Aggregation in wireless sensor networks. , 2015, , .		3
41	Emotion monitoring with RFID: an experimental study. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 299-313.	2.6	3
42	Distributed virtual machine placement based on dependability in data centers. , 2016, , .		2
43	Virtual Machine Migration Scheme Based on Score Matrix in Data Centers. , 2017, , .		2
44	Multi-agent Fault-tolerant Reinforcement Learning with Noisy Environments. , 2020, , .		2
45	Efficient data dissemination by crowdsensing in vehicular networks. , 2014, , .		1
46	Link Scheduling and End-to-End Throughput Optimization in Wireless Multi-Hop Networks. IEEE Open Journal of the Computer Society, 2021, 2, 393-406.	7.8	1
47	Indoor Security Localization Algorithm Based on Location Discrimination Ability of AP. Lecture Notes in Computer Science, 2019, , 472-487.	1.3	1
48	A Game-Theoretical Approach for Task Offloading in Edge Computing. , 2020, , .		1
49	More Than Scheduling: Novel and Efficient Coordination Algorithms for Multiple readers in RFID Systems. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	1
50	Multi-Dimension Context-Based Service Recommendation Algorithm in VANET. , 2018, , .		0
51	Exploration and Consideration on the Course System Construction of IoT Specialty. , 2018, , .		0
52	The â€œChain Mode and Reverse Improvingâ€•Teaching Mechanism for the â€œInternet of Thingsâ€•Major in Hunan University. , 2018, , .		0
53	A Study on Energy Management Research for Ubiquitous Power Internet of Things. , 2019, , .		0
54	Research on System Dynamics and Agent Hybrid Modeling Method for Multi-Energy Collaborative Control Under Ubiquitous Power Internet. , 2019, , .		0

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55	Cultivation of innovative talent engineering practice ability under the background of Emerging Engineering Education. , 2019, , .		0
56	Exploration on Two-Way Interaction Students Management Mode of Vocational Colleges in Emerging Engineering Education. , 2019, , .		0
57	Location-Based Data Aggregation in 6LoWPAN. International Journal of Distributed Sensor Networks, 2015, 2015, 1-9.	2.2	0