

Juan Luo

List of Publications by Year in descending order

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57
papers

1,203
citations

567281

15
h-index

377865

34
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all docs

57
docs citations

57
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A whale optimization system for energy-efficient container placement in data centers. Expert Systems With Applications, 2021, 164, 113719.	7.6	29
4	Fast and Reliable Dynamic Tag Estimation in Large-Scale RFID Systems. IEEE Internet of Things Journal, 2021, 8, 1651-1661.	8.7	12
5	Smart contract service migration mechanism based on container in edge computing. Journal of Parallel and Distributed Computing, 2021, 152, 157-166.	4.1	12
6	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
7	Emotion monitoring with RFID: an experimental study. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 299-313.	2.6	3
8	Activity-specific caloric expenditure estimation from kinetic energy harvesting in wearable devices. Pervasive and Mobile Computing, 2020, 67, 101185.	3.3	11
9	Indoor Multi-Floor 3D Target Tracking Based on the Multi-Sensor Fusion. IEEE Access, 2020, 8, 36836-36846.	4.2	15
10	Service Recommendation Middleware Based on Location Privacy Protection in VANET. IEEE Access, 2020, 8, 12768-12783.	4.2	14
11	Large-Scale Deep Learning Framework on FPGA for Fingerprint-Based Indoor Localization. IEEE Access, 2020, 8, 65609-65617.	4.2	15
12	A Game-Theoretical Approach for Task Offloading in Edge Computing. , 2020, , .		1
13	A Dynamic Escape Route Planning Method for Indoor Multi-floor Buildings Based on Real-time Fire Situation Awareness. , 2020, , .		4
14	Researches on Intelligent Traffic Signal Control Based on Deep Reinforcement Learning. , 2020, , .		6
15	Multi-agent Fault-tolerant Reinforcement Learning with Noisy Environments. , 2020, , .		2
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	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
18	Indoor Multifloor Localization Method Based on WiFi Fingerprints and LDA. IEEE Transactions on Industrial Informatics, 2019, 15, 5225-5234.	11.3	39

#	ARTICLE	IF	CITATIONS
19	Optimal Virtual Machine Placement Based on Grey Wolf Optimization. Electronics (Switzerland), 2019, 8, 283.	3.1	36
20	A Study on Energy Management Research for Ubiquitous Power Internet of Things. , 2019, , .		0
21	Research on System Dynamics and Agent Hybrid Modeling Method for Multi-Energy Collaborative Control Under Ubiquitous Power Internet. , 2019, , .		0
22	Cultivation of innovative talent engineering practice ability under the background of Emerging Engineering Education. , 2019, , .		0
23	A Cooperative Indoor Localization Enhancement Framework on Edge Computing Platforms for Safety-Critical Applications. , 2019, , .		7
24	Exploration on Two-Way Interaction Students Management Mode of Vocational Colleges in Emerging Engineering Education. , 2019, , .		0
25	Multiregional secure localization using compressive sensing in wireless sensor networks. ETRI Journal, 2019, 41, 739-749.	2.0	8
26	An Energy-Aware Offloading Framework for Edge-Augmented Mobile RFID Systems. IEEE Internet of Things Journal, 2019, 6, 3994-4004.	8.7	40
27	Container-based fog computing architecture and energy-balancing scheduling algorithm for energy IoT. Future Generation Computer Systems, 2019, 97, 50-60.	7.5	102
28	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
29	Novel localization algorithm for wireless sensor network based on intelligent water drops. Wireless Networks, 2019, 25, 597-609.	3.0	25
30	Indoor Security Localization Algorithm Based on Location Discrimination Ability of AP. Lecture Notes in Computer Science, 2019, , 472-487.	1.3	1
31	Opportunistic Energy Cooperation Mechanism for Large Internet of Things. Mobile Networks and Applications, 2018, 23, 489-502.	3.3	16
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	Reliable and Cooperative Target Tracking Based on WSN and WiFi in Indoor Wireless Networks. IEEE Access, 2018, 6, 24846-24855.	4.2	55
34	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
35	Multi-Dimension Context-Based Service Recommendation Algorithm in VANET. , 2018, , .		0
36	Optimal Target Tracking Based on Dynamic Fingerprint in Indoor Wireless Network. IEEE Access, 2018, 6, 77226-77239.	4.2	9

#	ARTICLE	IF	CITATIONS
37	Exploration and Consideration on the Course System Construction of IoT Specialty. , 2018, , .		0
38	The "Chain Mode and Reverse Improving" Teaching Mechanism for the "Internet of Things" Major in Hunan University. , 2018, , .		0
39	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
40	Secure Indoor Localization Based on Extracting Trusted Fingerprint. Sensors, 2018, 18, 469.	3.8	18
41	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
42	Dynamic Flow Scheduling for Power Optimization of Data Center Networks. , 2017, , .		6
43	Virtual Machine Migration Scheme Based on Score Matrix in Data Centers. , 2017, , .		2
44	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
45	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
46	Distributed virtual machine placement based on dependability in data centers. , 2016, , .		2
47	Service discovery middleware based on QoS in VANET. , 2016, , .		7
48	Periodicity-and-Linear-Based Data Suppression Mechanism for WSN. , 2015, , .		4
49	Correlation-Model-Based Data Aggregation in wireless sensor networks. , 2015, , .		3
50	Opportunistic Routing Algorithm for Relay Node Selection in Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2015, 11, 112-121.	11.3	211
51	Memory boosts turn taking in evolutionary dilemma games. BioSystems, 2015, 131, 30-39.	2.0	4
52	Virtual Resource Allocation Based on Link Interference in Cayley Wireless Data Centers. IEEE Transactions on Computers, 2015, 64, 3016-3021.	3.4	7
53	Optimal Energy Strategy for Node Selection and Data Relay in WSN-based IoT. Mobile Networks and Applications, 2015, 20, 169-180.	3.3	44
54	VANET middleware for service sharing based on OSGI. Computer Science and Information Systems, 2015, 12, 729-742.	1.0	4

#	ARTICLE	IF	CITATIONS
55	Location-Based Data Aggregation in 6LoWPAN. International Journal of Distributed Sensor Networks, 2015, 2015, 1-9.	2.2	0
56	Efficient data dissemination by crowdsensing in vehicular networks. , 2014, , .		1
57	Power Control in Distributed Wireless Sensor Networks Based on Noncooperative Game Theory. International Journal of Distributed Sensor Networks, 2012, 8, 398460.	2.2	5