

Kijun Han

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,976
citations

257450

24
h-index

161849

54
g-index

71
all docs

71
docs citations

71
times ranked

3172
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost- and comfort-aware aggregated modified least slack time-based domestic power scheduling for residential communities. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3834.	3.9	3
2	A Survey of Enhanced Device Discovery Schemes in Bluetooth Low Energy Networks. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2021, 38, 365-374.	3.2	1
3	Algorithmic implementation of deep learning layer assignment in edge computing based smart city environment. Computers and Electrical Engineering, 2021, 89, 106909.	4.8	9
4	Are Self-Driving Vehicles Ready to Launch? An Insight into Steering Control in Autonomous Self-Driving Vehicles. Mathematical Problems in Engineering, 2021, 2021, 1-22.	1.1	8
5	Micro-electromechanical system based optimized steering angle estimation mechanism for customized self-driving vehicles. Measurement and Control, 2021, 54, 429-438.	1.8	2
6	Big Data Processing using Internet of Software Defined Things in Smart Cities. International Journal of Parallel Programming, 2020, 48, 178-191.	1.5	17
7	Integration of Big Data analytics embedded smart city architecture with RESTful web of things for efficient service provision and energy management. Future Generation Computer Systems, 2020, 107, 975-987.	7.5	68
8	Intersection Routing Based on Fuzzy Multi-Factor Decision for VANETs. Applied Sciences (Switzerland), 2020, 10, 6613.	2.5	7
9	Scheduling Sensor Duty Cycling Based on Event Detection Using Bi-Directional Long Short-Term Memory and Reinforcement Learning. Sensors, 2020, 20, 5498.	3.8	8
10	Vehicular Adhoc Networks Protocol to Avoid Traffic Signal Delay. , 2020, , .		0
11	Development of Computer-Aided Semi-Automatic Diagnosis System for Chronic Post-Stroke Aphasia Classification with Temporal and Parietal Lesions: A Pilot Study. Applied Sciences (Switzerland), 2020, 10, 2984.	2.5	5
12	Intelligent Internet of Things gateway supporting heterogeneous energy data management and processing. Transactions on Emerging Telecommunications Technologies, 2020, , e3919.	3.9	9
13	A Multi-Objective Approach for Optimal Energy Management in Smart Home Using the Reinforcement Learning. Sensors, 2020, 20, 3450.	3.8	15
14	Deep Learning Entrusted to Fog Nodes (DLEFN) Based Smart Agriculture. Applied Sciences (Switzerland), 2020, 10, 1544.	2.5	18
15	RESTful Web of Things for Ubiquitous Smart Home Energy Management. , 2020, , .		10
16	FIViz: Forensics Investigation through Visualization for Malware in Internet of Things. Sustainability, 2020, 12, 7262.	3.2	4
17	Mutation operator integrated ant colony optimization based domestic appliance scheduling for lucrative demand side management. Future Generation Computer Systems, 2019, 100, 557-568.	7.5	36
18	Comparison of Spectral Efficiency Techniques in Device-to-Device Communication for 5G. IEEE Access, 2019, 7, 57440-57449.	4.2	22

#	ARTICLE	IF	CITATIONS
19	A Watermarking Technique Based on File Page Objects for PDF. , 2019, , .		3
20	Cyber Threat Detection Based on Artificial Neural Networks Using Event Profiles. IEEE Access, 2019, 7, 165607-165626.	4.2	75
21	Ubiquitous RESTful Smart Home Energy Management System. , 2019, , .		2
22	Towards sustainable smart cities: A review of trends, architectures, components, and open challenges in smart cities. Sustainable Cities and Society, 2018, 38, 697-713.	10.4	1,020
23	A clustering based routing algorithm in IoT aware Wireless Mesh Networks. Sustainable Cities and Society, 2018, 40, 657-666.	10.4	60
24	Designing Smart Control Systems Based on Internet of Things and Big Data Analytics. Wireless Personal Communications, 2018, 99, 1683-1697.	2.7	35
25	Counter Measuring Conceivable Security Threats on Smart Healthcare Devices. IEEE Access, 2018, 6, 20722-20733.	4.2	27
26	A Methodology of Real-Time Data Fusion for Localized Big Data Analytics. IEEE Access, 2018, 6, 24510-24520.	4.2	33
27	A REST-based industrial web of thingsâ€™ framework for smart warehousing. Journal of Supercomputing, 2018, 74, 4419-4433.	3.6	62
28	Internet of Things: A Comprehensive Review of Enabling Technologies, Architecture, and Challenges. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2018, 35, 205-220.	3.2	139
29	IoT-based students interaction framework using attention-scoring assessment in eLearning. Future Generation Computer Systems, 2018, 79, 909-919.	7.5	62
30	Urban Planning and Smart City Decision Management Empowered by Real-Time Data Processing Using Big Data Analytics. Sensors, 2018, 18, 2994.	3.8	82
31	Analysis of Factors Affecting Energy Aware Routing in Wireless Sensor Network. Wireless Communications and Mobile Computing, 2018, 2018, 1-21.	1.2	19
32	Industrial Internet of Things Based Efficient and Reliable Data Dissemination Solution for Vehicular Ad Hoc Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-16.	1.2	14
33	Rigorous Analysis and Evaluation of Specific Absorption Rate (SAR) for Mobile Multimedia Healthcare. IEEE Access, 2018, 6, 29602-29610.	4.2	34
34	Multicriteria-Based Location Privacy Preservation in Vehicular Ad Hoc Networks. Complexity, 2018, 2018, 1-12.	1.6	4
35	Load Balancing Integrated Least Slack Time-Based Appliance Scheduling for Smart Home Energy Management. Sensors, 2018, 18, 685.	3.8	36
36	Enhanced Network Anomaly Detection Based on Deep Neural Networks. IEEE Access, 2018, 6, 48231-48246.	4.2	297

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37	A dynamic advertisement interval strategy in Bluetooth low energy networks. International Journal of Sensor Networks, 2018, 27, 52.	0.4	2
38	Non-cooperative Spectrum Sensing in Context of Primary User Detection: A Review. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2017, 34, 188-200.	3.2	7
39	Backoff scheme for crowded Bluetooth low energy networks. IET Communications, 2017, 11, 548-557.	2.2	21
40	Topology Configuration and Multihop Routing Protocol for Bluetooth Low Energy Networks. IEEE Access, 2017, 5, 9587-9598.	4.2	36
41	Smart city designing and planning based on big data analytics. Sustainable Cities and Society, 2017, 35, 271-279.	10.4	39
42	A Web of Things-Based Emerging Sensor Network Architecture for Smart Control Systems. Sensors, 2017, 17, 332.	3.8	36
43	Big Data Analytics Embedded Smart City Architecture for Performance Enhancement through Real-Time Data Processing and Decision-Making. Wireless Communications and Mobile Computing, 2017, 2017, 1-12.	1.2	51
44	Semantic Interoperability in Heterogeneous IoT Infrastructure for Healthcare. Wireless Communications and Mobile Computing, 2017, 2017, 1-10.	1.2	126
45	Maximum Power Plus RSSI Based Routing Protocol for Bluetooth Low Energy Ad Hoc Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-13.	1.2	1
46	Internet of Things Based Energy Aware Smart Home Control System. IEEE Access, 2016, 4, 7556-7566.	4.2	158
47	An Adaptive Parameter Setting Algorithm to Enhance Performance in Self-Organizing Bluetooth Low Energy Networks. Wireless Personal Communications, 2016, 87, 953-969.	2.7	11
48	Performance analysis of device discovery of Bluetooth Low Energy (BLE) networks. Computer Communications, 2016, 81, 72-85.	5.1	50
49	A discovery scheme based on carrier sensing in self-organizing Bluetooth Low Energy networks. Journal of Network and Computer Applications, 2016, 65, 72-83.	9.1	18
50	Modeling and analysis of performance based on Bluetooth Low Energy. , 2015, , .		1
51	A Vertical Handover Management Scheme based on Decision Modelling in Heterogeneous Wireless Networks. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2015, 32, 402-412.	3.2	15
52	An application dependent and sequential scanning scheme for vertical handover management in heterogeneous wireless networks. , 2015, , .		1
53	An Asynchronous Channel Hopping Sequence for Rendezvous Establishment in Self Organized Cognitive Radio Networks. Wireless Personal Communications, 2015, 81, 649-659.	2.7	2
54	A Survey of Context Aware Vertical Handover Management Schemes in Heterogeneous Wireless Networks. Wireless Personal Communications, 2015, 85, 2273-2293.	2.7	12

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55	Analysis of Latency Performance of Bluetooth Low Energy (BLE) Networks. Sensors, 2015, 15, 59-78.	3.8	81
56	A Review of Handover Techniques in Wireless Ad hoc Networks Based on IEEE 802.21 Media Independent Handover Standard. IETE Technical Review (Institution of Electronics and Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 105f 50 697		
57	An Optimized Network Selection and Handover Triggering Scheme for Heterogeneous Self-Organized Wireless Networks. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	29
58	A Zone-Based Self-Organized Handover Scheme for Heterogeneous Mobile and Ad Hoc Networks. International Journal of Distributed Sensor Networks, 2014, 10, 379181.	2.2	4
59	Channel Hopping Sequences for Rendezvous Establishment in Cognitive Radio Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 872780.	2.2	3
60	Self-Adjustable Rate Control for Congestion Avoidance in Wireless Mesh Networks. IEICE Transactions on Communications, 2014, E97.B, 2368-2377.	0.7	0
61	Making channel hopping sequences for self-organized mobile networks. , 2013, , .		0
62	A Repeated Group Sequence Rendezvous Scheme for Cognitive Radio Networks. , 2012, , .		2
63	A channel interval adjustment scheme to improve RSU capacity in vehicular networks. IEICE Communications Express, 2012, 1, 107-112.	0.4	2
64	Movable Rendezvous Channel Selection for Distributed Cognitive Radio Networks. , 2012, , .		1
65	A Scheduling Scheme for Early Detection of Primary User in Cognitive Radio Networks. , 2012, , .		0
66	AdaptiveScan: The Fast Layer-2 Handoff for WLAN. , 2011, , .		4
67	An Implementation of AODV Testbed with Multi-metrics. , 2011, , .		2
68	GroupScan: Group-Based Fast Handoff Scheme for Wireless LAN. IEICE Transactions on Communications, 2011, E94-B, 2929-2932.	0.7	0
69	Network Initialization for Wireless Distributed Beaconing Networks. , 2010, , .		0
70	An Implementation of AODV Routing Protocol with Multi-Metrics. , 2010, , .		0