

Seokhoon Kim

List of Publications by Year in descending order

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44
papers

392
citations

840776

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g-index

47
all docs

47
docs citations

47
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive data rate control in low power wide area networks for long range IoT services. Journal of Computational Science, 2017, 22, 171-178.	2.9	52
2	Adaptive Resource Optimized Edge Federated Learning in Real-Time Image Sensing Classifications. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10929-10940.	4.9	26
3	Data-Filtering System to Avoid Total Data Distortion in IoT Networking. Symmetry, 2017, 9, 16.	2.2	25
4	Safe Data Transmission Architecture Based on Cloud for Internet of Things. Wireless Personal Communications, 2016, 86, 287-300.	2.7	24
5	Efficient data-forwarding method in delay-tolerant P2P networking for IoT services. Peer-to-Peer Networking and Applications, 2018, 11, 1176-1185.	3.9	18
6	Traffic management in the mobile edge cloud to improve the quality of experience of mobile video. Computer Communications, 2018, 118, 40-49.	5.1	18
7	An Internet of Vehicles (IoV) Access Gateway Design Considering the Efficiency of the In-Vehicle Ethernet Backbone. Sensors, 2021, 21, 98.	3.8	17
8	Remote Software Update in Trusted Connection of Long Range IoT Networking Integrated With Mobile Edge Cloud. IEEE Access, 2018, 6, 66831-66840.	4.2	14
9	A DPN (Delegated Proof of Node) Mechanism for Secure Data Transmission in IoT Services. Computers, Materials and Continua, 2019, 60, 1-14.	1.9	14
10	A combined network control approach for the edge cloud and LPWAN-based IoT services. Concurrency Computation Practice and Experience, 2020, 32, e4406.	2.2	13
11	A 3-dimensional group management MAC scheme for mobile IoT devices in wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1223-1234.	4.9	12
12	Information exchange architecture based on software defined networking for cooperative intelligent transportation systems. Cluster Computing, 2015, 18, 771-782.	5.0	10
13	QoS-aware data forwarding architecture for multimedia streaming services in hybrid peer-to-peer networks. Peer-to-Peer Networking and Applications, 2015, 8, 557-566.	3.9	10
14	Data Transmission Using K-Means Clustering in Low Power Wide Area Networks with Mobile Edge Cloud. Wireless Personal Communications, 2019, 105, 567-581.	2.7	9
15	Reliable Federated Learning Systems Based on Intelligent Resource Sharing Scheme for Big Data Internet of Things. IEEE Access, 2021, 9, 108091-108100.	4.2	9
16	A Data Download Method from RSUs using Fog Computing in Connected Vehicles. Computers, Materials and Continua, 2019, 59, 375-387.	1.9	9
17	Radio resource management for data transmission in low power wide area networks integrated with large scale cyber physical systems. Cluster Computing, 2017, 20, 1831-1842.	5.0	8
18	An AHP-Based Interface and Channel Selection for Multi-channel MAC Protocol in IoT Ecosystem. Wireless Personal Communications, 2017, 93, 97-118.	2.7	8

#	ARTICLE	IF	CITATIONS
19	Face Antispoofing Method Using Color Texture Segmentation on FPGA. Security and Communication Networks, 2021, 2021, 1-11.	1.5	8
20	Non-Contact Plant Growth Measurement Method and System Based on Ubiquitous Sensor Network Technologies. Sensors, 2011, 11, 4312-4334.	3.8	7
21	P2P computing for trusted networking of personalized IoT services. Peer-to-Peer Networking and Applications, 2020, 13, 601-609.	3.9	7
22	Efficient peer-to-peer context awareness data forwarding scheme in emergency situations. Peer-to-Peer Networking and Applications, 2016, 9, 477-486.	3.9	6
23	Knowledge-based power monitoring and fault prediction system for smart factories. Personal and Ubiquitous Computing, 2022, 26, 307-318.	2.8	6
24	Development of Cloud Based Air Pollution Information System Using Visualization. Computers, Materials and Continua, 2019, 59, 697-711.	1.9	6
25	Dual-channel medium access control of low power wide area networks considering traffic characteristics in IoE. Cluster Computing, 2017, 20, 2375-2384.	5.0	5
26	Network virtualization for real-time processing of object detection using deep learning. Multimedia Tools and Applications, 2021, 80, 35851-35869.	3.9	5
27	A NB-IoT data transmission scheme based on dynamic resource sharing of MEC for effective convergence computing. Personal and Ubiquitous Computing, 2023, 27, 1065-1075.	2.8	5
28	Intelligent Media Forensics and Traffic Handling Scheme in 5G Edge Networks. Security and Communication Networks, 2021, 2021, 1-11.	1.5	5
29	Network Access Control for Location-Based Mobile Services in Heterogeneous Wireless Networks. Mobile Information Systems, 2017, 2017, 1-10.	0.6	4
30	An Intelligent Real-Time Traffic Control Based on Mobile Edge Computing for Individual Private Environment. Security and Communication Networks, 2020, 2020, 1-11.	1.5	4
31	Packet Forwarding Scheme Based on Interworking Architecture for Future Internet. IEICE Transactions on Communications, 2010, E93-B, 546-550.	0.7	3
32	Energy Efficient MAC Scheme for Wireless Sensor Networks with High-Dimensional Data Aggregate. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	3
33	Design of Infant Health Condition Check Solution Based on a Wearable Device with Attitude Heading Reference System. , 2015, , .		3
34	Intelligent Offloading Decision and Resource Allocations Schemes Based on RNN/DQN for Reliability Assurance in Software-Defined Massive Machine-Type Communications. Security and Communication Networks, 2022, 2022, 1-12.	1.5	3
35	A Low-Latency L2 Handoff between WiBro and cdma2000 Mobile Networks. , 2008, , .		2
36	Design and implementation of tiny-WiMAX connection manager (t-WCM) for specific purposed devices. IEEE Transactions on Consumer Electronics, 2009, 55, 1825-1831.	3.6	2

#	ARTICLE	IF	CITATIONS
37	Performance analysis of non-PC/SC based mini-WiMAX connection manager. Cluster Computing, 2014, 17, 775-789.	5.0	2
38	Incoming Traffic Control of Fronthaul in 5G Mobile Network for Massive Multimedia Services. Multimedia Tools and Applications, 2020, , 1.	3.9	2
39	High-performance internet file system based on multi-download for convergence computing in mobile communication systems. Cluster Computing, 2019, 22, 1057-1071.	5.0	1
40	A Study on the Effective Communication Protocol of the Surface Inspection Rail Robot that it can be a Self-checking. Lecture Notes in Electrical Engineering, 2017, , 484-489.	0.4	1
41	Proactive Network Fault Management for Reliable Subscribed Network Slicing in Software-Defined Mobile Data IoT Services. Scientific Programming, 2022, 2022, 1-11.	0.7	1
42	Network Activation Control According to Traffic Characteristics in Sensor Networks for IoT. Lecture Notes in Electrical Engineering, 2017, , 371-375.	0.4	0
43	Design of Software Reliability Test Architecture for the Connected Car. Lecture Notes in Electrical Engineering, 2017, , 366-370.	0.4	0
44	Transmission Control for Future Internet including Error-prone Wireless Region. International Journal of Computers, Communications and Control, 2014, 7, 759.	1.8	0