Eui-Jik Kim

List of Publications by Year
in descending order

35 papers	211 citations	1039406 9 h-index	1125271 13 g-index
35 all docs	35 docs citations	35 times ranked	214 citing authors

#	Article	IF	Citations
1	Asynchronous inter-network interference avoidance for wireless body area networks. Journal of Supercomputing, 2013, 65, 562-579.	2.4	30
2	Neighbor stability-based VANET clustering for urban vehicular environments. Journal of Supercomputing, 2016, 72, 161-176.	2.4	19
3	Machine-to-machine platform architecture for horizontal service integration. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	13
4	Neighbor Mobility-Based Clustering Scheme for Vehicular Ad Hoc Networks. , 2015, , .		11
5	Adaptive multi-channel allocation for vehicular infrastructure mesh systems. Multimedia Tools and Applications, 2015, 74, 1593-1609.	2.6	10
6	Hybrid storage-based caching strategy for content delivery network services. Multimedia Tools and Applications, 2015, 74, 1697-1709.	2.6	10
7	Dominant Channel Occupancy for Wi-Fi Backscatter Uplink in Industrial Internet of Things. Applied Sciences (Switzerland), 2016, 6, 427.	1.3	10
8	Uplink scheduling of MU-MIMO gateway for massive data acquisition in Internet of things. Journal of Supercomputing, 2018, 74, 3549-3563.	2.4	10
9	Failure Prediction Model Using Iterative Feature Selection for Industrial Internet of Things. Symmetry, 2020, 12, 454.	1.1	10
10	Power-Controlled Topology Optimization and Channel Assignment for Hybrid MAC in Wireless Sensor Networks. IEICE Transactions on Communications, 2011, E94-B, 2461-2472.	0.4	9
11	Multi-hop WBAN configuration approach for wearable machine-to-machine systems. Multimedia Tools and Applications, 2016, 75, 12859-12878.	2.6	9
12	FS-IIoTSim: a flexible and scalable simulation framework for performance evaluation of industrial Internet of things systems. Journal of Supercomputing, 2018, 74, 4385-4402.	2.4	9
13	Asymmetric Directional Multicast for Capillary Machine-to-Machine Using mmWave Communications. Sensors, 2016, 16, 515.	2.1	8
14	Delay Attack-Resilient Clock Synchronization for Wireless Sensor Networks. IEICE Transactions on Information and Systems, 2012, E95-D, 188-191.	0.4	6
15	Scalable Wi-Fi Backscatter Uplink Multiple Access for Battery-Free Internet of Things. IEEE Access, 2021, 9, 30929-30945.	2.6	5
16	Throughput Fairness Enhancement Using Differentiated Channel Access in Heterogeneous Sensor Networks. Sensors, 2011, 11, 6629-6644.	2.1	4
17	Monitoring Agent for Detecting Malicious Packet Drops for Wireless Sensor Networks in the Microgrid and Grid-Enabled Vehicles. International Journal of Advanced Robotic Systems, 2012, 9, 31.	1.3	4
18	View pattern-based adaptive streaming strategy for mobile content delivery services. Multimedia Tools and Applications, 2016, 75, 12693-12704.	2.6	4

#	Article	IF	Citations
19	Location-oriented multiplexing transmission for capillary machine-to-machine systems. Multimedia Tools and Applications, 2016, 75, 14707-14719.	2.6	4
20	An Adaptive Allocation Algorithm Using Directional CSMA/CA over mmWave Wireless Personal Area Networks. International Journal of Advanced Robotic Systems, 2012, 9, 17.	1.3	3
21	CAD-MAC: Coverage Adaptive Directional Medium Access Control for mmWave Wireless Personal Area Networks. , 2012, , .		3
22	Traffic-Adaptive CFP Extension for IEEE 802.15.4 DSME MAC in Industrial Wireless Sensor Networks. IEEE Access, 2021, 9, 94454-94469.	2.6	3
23	Machine Failure Analysis Using Nearest Centroid Classification for Industrial Internet of Things. Sensors and Materials, 2019, 31, 1751.	0.3	3
24	Queuing Analysis for IEEE 802.11e Networks in Non-Saturation Environments. International Journal of Advanced Robotic Systems, 2012, 9, 12.	1.3	2
25	Unified Medium Access Control Architecture for Resource-Constrained Machine-to-Machine Devices. Transactions on Embedded Computing Systems, 2016, 15, 1-17.	2.1	2
26	TSCH Multiple Slotframe Scheduling for Ensuring Timeliness in TS-SWIPT-Enabled IoT Networks. Electronics (Switzerland), 2021, 10, 48.	1.8	2
27	Residual Energy Estimation-Based MAC Protocol for Wireless Powered Sensor Networks. Sensors, 2021, 21, 7617.	2.1	2
28	DC-MAC: Directional cooperative MAC for ad-hoc networks. , 2012, , .		1
29	Adaptive anomaly control for alleviating the exclusive channel occupation in wireless networks. International Journal of Communication Systems, 2013, 26, 720-731.	1.6	1
30	Transmission frame assignment for latency-bounded data delivery in wsns. , 2013, , .		1
31	Stable pairwise time synchronization in the application layer for capillary machine-to-machine networks. Computers and Electrical Engineering, 2013, 39, 2207-2213.	3.0	1
32	Categorization-based video streaming for traffic mitigation in content delivery services. Multimedia Tools and Applications, 2017, 76, 25495-25510.	2.6	1
33	Design and Implementation of Virtual Private Storage Framework Using Internet of Things Local Networks. Symmetry, 2020, 12, 489.	1.1	1
34	Research Category Classification for Scientific Literature on Human Health Risk of Electromagnetic Fields. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 839-842.	0.0	0
35	Multiple Concurrent Slotframe Scheduling for Wireless Power Transfer-Enabled Wireless Sensor Networks. Sensors, 2022, 22, 4520.	2.1	0