

Junyoung Heo

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

622
citations

1307594

7
h-index

642732

23
g-index

42
all docs

42
docs citations

42
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	PEACH: Power-efficient and adaptive clustering hierarchy protocol for wireless sensor networks. Computer Communications, 2007, 30, 2842-2852.	5.1	172
2	EARQ: Energy Aware Routing for Real-Time and Reliable Communication in Wireless Industrial Sensor Networks. IEEE Transactions on Industrial Informatics, 2009, 5, 3-11.	11.3	154
3	AdaBoost based bankruptcy forecasting of Korean construction companies. Applied Soft Computing Journal, 2014, 24, 494-499.	7.2	83
4	Secure deletion for NAND flash file system. , 2008, , .		30
5	Dynamic Computation Offloading Scheme for Drone-Based Surveillance Systems. Sensors, 2018, 18, 2982.	3.8	26
6	Enhancing the Reliability of Head Nodes in Underwater Sensor Networks. Sensors, 2012, 12, 1194-1210.	3.8	18
7	Space-efficient page-level incremental checkpointing. , 2005, , .		14
8	A pilot study using machine learning methods about factors influencing prognosis of dental implants. Journal of Advanced Prosthodontics, 2018, 10, 395.	2.6	13
9	Energy Aware Routing with Dynamic Probability Scaling. Lecture Notes in Computer Science, 2005, , 662-670.	1.3	7
10	SWICOM: An SDR-Based Wireless Communication Gateway for Vehicles. IEEE Transactions on Vehicular Technology, 2010, 59, 1593-1605.	6.3	7
11	Energy-Efficient Data Aggregation Protocol for Location-Aware Wireless Sensor Networks. , 2008, , .		6
12	Dynamic Rendezvous Node Estimation for Reliable Data Collection of a Drone as a Mobile IoT Gateway. IEEE Access, 2019, 7, 184285-184293.	4.2	6
13	Adaptive Mobile Checkpointing Facility for Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 701-709.	1.3	6
14	Shared-stack cooperative threads. , 2007, , .		5
15	An SDR-Based Wireless Communication Gateway for Vehicle Networks. , 2008, , .		5
16	A Smart Checkpointing Scheme for Improving the Reliability of Clustering Routing Protocols. Sensors, 2010, 10, 8938-8952.	3.8	5
17	A Hybrid Approach for Improving the Data Quality of Mobile Phone Sensing. International Journal of Distributed Sensor Networks, 2013, 9, 786594.	2.2	5
18	Detection of GUI Elements on Sketch Images Using Object Detector Based on Deep Neural Networks. Lecture Notes in Electrical Engineering, 2019, , 86-90.	0.4	5

#	ARTICLE	IF	CITATIONS
19	A rendezvous point estimation considering drone speed and data collection delay. , 2017, , .		4
20	Pattern Matching Based Sensor Identification Layer for an Android Platform. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	1.2	4
21	Energy Efficient and Real-Time Remote Sensing in AI-Powered Drone. Mobile Information Systems, 2021, 2021, 1-8.	0.6	4
22	Fault tolerant framework and techniques for component-based autonomous robot systems. , 2011, , .		3
23	Dynamic Offloading Algorithm for Drone Computation. , 2016, , .		3
24	Performance Evaluations of Multiple GPUs based on MPI Environments. , 2017, , .		3
25	SPRS. , 2011, , .		3
26	Energy efficient program updating for sensor nodes with flash memory. , 2010, , .		2
27	Deep-learning based web UI automatic programming. , 2018, , .		2
28	Performance Analysis of Task Schedulers in Operating Systems for Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 499-508.	1.3	2
29	A Module Management Scheme for Dynamic Reconfiguration. Lecture Notes in Computer Science, 2008, , 820-828.	1.3	2
30	Simple shooting game engine in Python. International Journal of Computational Vision and Robotics, 2015, 5, 130.	0.3	1
31	An end user development platform based on dataflow approach for IoT devices. Journal of Intelligent and Fuzzy Systems, 2018, 35, 6125-6131.	1.4	1
32	Key node selection based on a genetic algorithm for fast patching in social networks. Concurrency Computation Practice and Experience, 2021, 33, e5194.	2.2	1
33	Genetic algorithm based patching scheme for worm containment on social network. , 2017, , .		1
34	XMAS: An eXtraordinary Memory Allocation Scheme for Resource-Constrained Sensor Operating Systems. Lecture Notes in Computer Science, 2006, , 760-769.	1.3	1
35	A rendezvous node selection protocol for drone-based data collection. , 2019, , .		1
36	A communication model based offloading decision for flying ad-hoc networks. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Analysis of energy aware job offloading in mobile cloud. International Journal of Information and Communication Technology, 2018, 13, 316.	0.1	0
38	Role-based automatic programming framework for interworking a drone and wireless sensor networks. , 2018, , .		0
39	Advanced Issues of Operating Systems for Reliable Distributed Sensor Networks: Aim and Scope. International Journal of Distributed Sensor Networks, 2012, 8, 394197.	2.2	0
40	Linked Stack Buffer Management for Shared-Stacks. Lecture Notes in Computer Science, 2008, , 811-819.	1.3	0