

# 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	Key node selection based on a genetic algorithm for fast patching in social networks. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e5194.	2.2	1
2	Energy Efficient and Real-Time Remote Sensing in AI-Powered Drone. <i>Mobile Information Systems</i> , 2021, 2021, 1-8.	0.6	4
3	Detection of GUI Elements on Sketch Images Using Object Detector Based on Deep Neural Networks. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 86-90.	0.4	5
4	Dynamic Rendezvous Node Estimation for Reliable Data Collection of a Drone as a Mobile IoT Gateway. <i>IEEE Access</i> , 2019, 7, 184285-184293.	4.2	6
5	A rendezvous node selection protocol for drone-based data collection. , 2019, , .		1
6	Pattern Matching Based Sensor Identification Layer for an Android Platform. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-11.	1.2	4
7	A communication model based offloading decision for flying ad-hoc networks. , 2018, , .		0
8	Analysis of energy aware job offloading in mobile cloud. <i>International Journal of Information and Communication Technology</i> , 2018, 13, 316.	0.1	0
9	Dynamic Computation Offloading Scheme for Drone-Based Surveillance Systems. <i>Sensors</i> , 2018, 18, 2982.	3.8	26
10	A pilot study using machine learning methods about factors influencing prognosis of dental implants. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 395.	2.6	13
11	Deep-learning based web UI automatic programming. , 2018, , .		2
12	An end user development platform based on dataflow approach for IoT devices. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 6125-6131.	1.4	1
13	Role-based automatic programming framework for interworking a drone and wireless sensor networks. , 2018, , .		0
14	Performance Evaluations of Multiple GPUs based on MPI Environments. , 2017, , .		3
15	A rendezvous point estimation considering drone speed and data collection delay. , 2017, , .		4
16	Genetic algorithm based patching scheme for worm containment on social network. , 2017, , .		1
17	Dynamic Offloading Algorithm for Drone Computation. , 2016, , .		3
18	Simple shooting game engine in Python. <i>International Journal of Computational Vision and Robotics</i> , 2015, 5, 130.	0.3	1

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19	AdaBoost based bankruptcy forecasting of Korean construction companies. Applied Soft Computing Journal, 2014, 24, 494-499.	7.2	83
20	A Hybrid Approach for Improving the Data Quality of Mobile Phone Sensing. International Journal of Distributed Sensor Networks, 2013, 9, 786594.	2.2	5
21	Enhancing the Reliability of Head Nodes in Underwater Sensor Networks. Sensors, 2012, 12, 1194-1210.	3.8	18
22	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
23	Fault tolerant framework and techniques for component-based autonomous robot systems. , 2011, , .		3
24	SPRS. , 2011, , .		3
25	SWICOM: An SDR-Based Wireless Communication Gateway for Vehicles. IEEE Transactions on Vehicular Technology, 2010, 59, 1593-1605.	6.3	7
26	A Smart Checkpointing Scheme for Improving the Reliability of Clustering Routing Protocols. Sensors, 2010, 10, 8938-8952.	3.8	5
27	Energy efficient program updating for sensor nodes with flash memory. , 2010, , .		2
28	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
29	Secure deletion for NAND flash file system. , 2008, , .		30
30	An SDR-Based Wireless Communication Gateway for Vehicle Networks. , 2008, , .		5
31	Energy-Efficient Data Aggregation Protocol for Location-Aware Wireless Sensor Networks. , 2008, , .		6
32	Linked Stack Buffer Management for Shared-Stacks. Lecture Notes in Computer Science, 2008, , 811-819.	1.3	0
33	A Module Management Scheme for Dynamic Reconfiguration. Lecture Notes in Computer Science, 2008, , 820-828.	1.3	2
34	Shared-stack cooperative threads. , 2007, , .		5
35	PEACH: Power-efficient and adaptive clustering hierarchy protocol for wireless sensor networks. Computer Communications, 2007, 30, 2842-2852.	5.1	172
36	Adaptive Mobile Checkpointing Facility for Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 701-709.	1.3	6

#	ARTICLE	IF	CITATIONS
37	Performance Analysis of Task Schedulers in Operating Systems for Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 499-508.	1.3	2
38	XMAS: An eXtraordinary Memory Allocation Scheme for Resource-Constrained Sensor Operating Systems. Lecture Notes in Computer Science, 2006, , 760-769.	1.3	1
39	Space-efficient page-level incremental checkpointing. , 2005, , .		14
40	Energy Aware Routing with Dynamic Probability Scaling. Lecture Notes in Computer Science, 2005, , 662-670.	1.3	7