

Dong Kun Noh

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

862
citations

1039406

9
h-index

580395

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g-index

43
all docs

43
docs citations

43
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Attribute-Based Access Control with Efficient Revocation in Data Outsourcing Systems. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1214-1221.	4.0	471
2	SolarStore. , 2009, , .		56
3	Balanced energy allocation scheme for a solar-powered sensor system and its effects on network-wide performance. Journal of Computer and System Sciences, 2011, 77, 917-932.	0.9	55
4	AdaptSens: An Adaptive Data Collection and Storage Service for Solar-Powered Sensor Networks. , 2009, , .		30
5	Adaptive Data Aggregation and Compression to Improve Energy Utilization in Solar-Powered Wireless Sensor Networks. Sensors, 2017, 17, 1226.	2.1	22
6	SolarCastalia: Solar Energy Harvesting Wireless Sensor Network Simulator. International Journal of Distributed Sensor Networks, 2015, 11, 415174.	1.3	19
7	Efficient flow control algorithm cooperating with energy allocation scheme for solar powered WSNs. Wireless Communications and Mobile Computing, 2012, 12, 379-392.	0.8	14
8	Using a dynamic backbone for efficient data delivery in solar-powered WSNs. Journal of Network and Computer Applications, 2012, 35, 1277-1284.	5.8	13
9	Reliable Wildfire Monitoring with Sparsely Deployed Wireless Sensor Networks. , 2012, , .		12
10	Energy-Efficient Cluster Management Using a Mobile Charger for Solar-Powered Wireless Sensor Networks. Sensors, 2020, 20, 3668.	2.1	12
11	Energy-aware data aggregation scheme for energy-harvesting wireless sensor networks. , 2016, , .		10
12	Cluster Ensemble with Link-Based Approach for Botnet Detection. Journal of Network and Systems Management, 2018, 26, 616-639.	3.3	10
13	A Practical Flow Control Scheme Considering Optimal Energy Allocation in Solar-Powered WSNs. , 2009, , .		9
14	Efficient Location Service for a Mobile Sink in Solar-Powered Wireless Sensor Networks. Sensors, 2019, 19, 272.	2.1	9
15	Adaptive Data Collection Using UAV With Wireless Power Transfer for Wireless Rechargeable Sensor Networks. IEEE Access, 2022, 10, 9729-9743.	2.6	9
16	Energy-Aware Control of Error Correction Rate for Solar-Powered Wireless Sensor Networks. Sensors, 2018, 18, 2599.	2.1	7
17	Energy-Aware Control of Data Compression and Sensing Rate for Wireless Rechargeable Sensor Networks. Sensors, 2018, 18, 2609.	2.1	7
18	Energy-Aware Hierarchical Topology Control for Wireless Sensor Networks with Energy-Harvesting Nodes. International Journal of Distributed Sensor Networks, 2015, 11, 617383.	1.3	7

#	ARTICLE	IF	CITATIONS
19	A Simple but Accurate Estimation of Residual Energy for Reliable WSN Applications. International Journal of Distributed Sensor Networks, 2015, 11, 107627.	1.3	6
20	Energy-aware determination of compression for low latency in solar-powered wireless sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771769416.	1.3	5
21	Adaptive sensing and compression rate selection scheme for energy-harvesting wireless sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771362.	1.3	5
22	Energy-aware data compression and transmission range control for energy-harvesting wireless sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771770578.	1.3	4
23	Solar-CTP: An Enhanced CTP for Solar-Powered Wireless Sensor Networks. IEEE Access, 2020, 8, 127142-127155.	2.6	4
24	Efficient FEC Scheme for Solar-Powered WSNs Considering Energy and Link-Quality. Energies, 2020, 13, 3952.	1.6	4
25	Solar Energy Harvesting Wireless Sensor Network Simulator. The Journal of the Korean Institute of Information and Communication Engineering, 2015, 19, 477-485.	0.1	4
26	Multi-layer topology control for long-term wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	3
27	Voltage-based estimation of residual battery energy in wireless sensor systems. , 2013, , .		3
28	Stochastic Timing Analysis of the AES Cipher Algorithm over a Correlated Fading Channel. , 2009, , .		2
29	Performance Assessment of Wireless ECG Transmission over IEEE 802.11 WLANs. , 2011, , .		2
30	SolarCastalia — Solar energy harvesting wireless sensor network simulator. , 2014, , .		2
31	An efficient uplink admission control for ertPS in IEEE 802.16. , 2014, , .		2
32	Accommodating the Variable Timing of Software AES Decryption on Mobile Receivers. IEEE Systems Journal, 2014, 8, 726-736.	2.9	2
33	Adaptive Forward Error Correction Scheme to Improve Data Reliability in Solar-Powered Wireless Sensor Networks. , 2016, , .		2
34	Energy-adaptive data compression and transmission range determination for energy-harvesting wireless sensor networks. , 2017, , .		2
35	Adaptive video coding selection scheme for solar-powered wireless video sensor networks. , 2017, , .		2
36	Energy-aware Selective Compression Scheme for Solar-powered Wireless Sensor Networks. Journal of KIISE, 2015, 42, 1495-1502.	0.0	1

#	ARTICLE	IF	CITATIONS
37	Modeling the Execution Time of Reed-Solomon Decoding on an ARM9-Based Mobile Platform. , 2008, , .		0
38	Timing evaluation of MAC-layer error control on ARM9-based mobile embedded systems. Telecommunication Systems, 2010, 45, 329-337.	1.6	0
39	Energy-aware selective compression scheme for solar energy based wireless sensor networks. , 2015, , .		0
40	Adaptive Video-Data Quality Control for Solar-Energy-Harvesting Wireless Sensor Networks. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 153-162.	0.3	0
41	Dual-line data collection scheme for efficient mobile sink operation in solar-powered wireless sensor networks. Sustainable Computing: Informatics and Systems, 2022, 34, 100659.	1.6	0