

# Dong Kun Noh

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8171385/dong-kun-noh-publications-by-year.pdf>  
**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38 papers	623 citations	9 h-index	24 g-index
43 ext. papers	729 ext. citations	2.5 avg, IF	4.32 L-index

#	Paper	IF	Citations
38	Adaptive Data Collection Using UAV With Wireless Power Transfer for Wireless Rechargeable Sensor Networks. <i>IEEE Access</i> , <b>2022</b> , 10, 9729-9743	3.5	2
37	Dual-line data collection scheme for efficient mobile sink operation in solar-powered wireless sensor networks. <i>Sustainable Computing: Informatics and Systems</i> , <b>2022</b> , 34, 100659	3	
36	Energy-Efficient Cluster Management Using a Mobile Charger for Solar-Powered Wireless Sensor Networks. <i>Sensors</i> , <b>2020</b> , 20,	3.8	7
35	Solar-CTP: An Enhanced CTP for Solar-Powered Wireless Sensor Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 127142-127155	3.5	
34	Efficient FEC Scheme for Solar-Powered WSNs Considering Energy and Link-Quality. <i>Energies</i> , <b>2020</b> , 13, 3952	3.1	4
33	Efficient Location Service for a Mobile Sink in Solar-Powered Wireless Sensor Networks. <i>Sensors</i> , <b>2019</b> , 19,	3.8	6
32	Cluster Ensemble with Link-Based Approach for Botnet Detection. <i>Journal of Network and Systems Management</i> , <b>2018</b> , 26, 616-639	2.1	8
31	Energy-Aware Control of Error Correction Rate for Solar-Powered Wireless Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	5
30	Energy-Aware Control of Data Compression and Sensing Rate for Wireless Rechargeable Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	6
29	Energy-adaptive data compression and transmission range determination for energy-harvesting wireless sensor networks <b>2017</b> ,		2
28	Energy-aware data compression and transmission range control for energy-harvesting wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2017</b> , 13, 155014771770578	1.7	3
27	Energy-aware determination of compression for low latency in solar-powered wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2017</b> , 13, 155014771769416	1.7	4
26	Adaptive sensing and compression rate selection scheme for energy-harvesting wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2017</b> , 13, 155014771771362	1.7	4
25	Adaptive video coding selection scheme for solar-powered wireless video sensor networks <b>2017</b> ,		1
24	Adaptive Data Aggregation and Compression to Improve Energy Utilization in Solar-Powered Wireless Sensor Networks. <i>Sensors</i> , <b>2017</b> , 17,	3.8	19
23	Adaptive Forward Error Correction Scheme to Improve Data Reliability in Solar-Powered Wireless Sensor Networks <b>2016</b> ,		2
22	Energy-aware data aggregation scheme for energy-harvesting wireless sensor networks <b>2016</b> ,		5

21	SolarCastalia: Solar Energy Harvesting Wireless Sensor Network Simulator. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 415174	1.7	13
20	A Simple but Accurate Estimation of Residual Energy for Reliable WSN Applications. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 107627	1.7	5
19	Energy-Aware Hierarchical Topology Control for Wireless Sensor Networks with Energy-Harvesting Nodes. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 617383	1.7	5
18	Energy-aware Selective Compression Scheme for Solar-powered Wireless Sensor Networks. <i>Journal of KIISE</i> , <b>2015</b> , 42, 1495-1502	1	1
17	Solar Energy Harvesting Wireless Sensor Network Simulator. <i>The Journal of the Korean Institute of Information and Communication Engineering</i> , <b>2015</b> , 19, 477-485		3
16	Accommodating the Variable Timing of Software AES Decryption on Mobile Receivers. <i>IEEE Systems Journal</i> , <b>2014</b> , 8, 726-736	4.3	2
15	SolarCastalia Solar energy harvesting wireless sensor network simulator <b>2014</b> ,		2
14	Transmission Range Determination with a Timeslot-Based Energy Distribution Scheme for Solar-Energy Harvesting Sensor Systems. <i>Lecture Notes in Electrical Engineering</i> , <b>2013</b> , 661-669	0.2	2
13	Using a dynamic backbone for efficient data delivery in solar-powered WSNs. <i>Journal of Network and Computer Applications</i> , <b>2012</b> , 35, 1277-1284	7.9	11
12	Reliable Wildfire Monitoring with Sparsely Deployed Wireless Sensor Networks <b>2012</b> ,		7
11	Multi-layer topology control for long-term wireless sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2012</b> , 2012,	3.2	3
10	Efficient flow-control algorithm cooperating with energy allocation scheme for solar-powered WSNs. <i>Wireless Communications and Mobile Computing</i> , <b>2012</b> , 12, 379-392	1.9	13
9	Attribute-Based Access Control with Efficient Revocation in Data Outsourcing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2011</b> , 22, 1214-1221	3.7	326
8	Balanced energy allocation scheme for a solar-powered sensor system and its effects on network-wide performance. <i>Journal of Computer and System Sciences</i> , <b>2011</b> , 77, 917-932	1	45
7	Performance Assessment of Wireless ECG Transmission over IEEE 802.11 WLANs <b>2011</b> ,		1
6	Timing evaluation of MAC-layer error control on ARM9-based mobile embedded systems. <i>Telecommunication Systems</i> , <b>2010</b> , 45, 329-337	2.3	
5	Stochastic Timing Analysis of the AES Cipher Algorithm over a Correlated Fading Channel <b>2009</b> ,		2
4	A Practical Flow Control Scheme Considering Optimal Energy Allocation in Solar-Powered WSNs <b>2009</b> ,		7

3	AdaptSens: An Adaptive Data Collection and Storage Service for Solar-Powered Sensor Networks <b>2009,</b>	24
2	SolarStore <b>2009,</b>	46
1	Minimum Variance Energy Allocation for a Solar-Powered Sensor System. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 44-57	0.9 23