Sangkeum Lee

List of Publications by Year
in descending order

19 papers	272 citations	933447 10 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	224 citing authors

#	Article	IF	Citations
1	Machine Learning for Advanced Wireless Sensor Networks: A Review. IEEE Sensors Journal, 2021, 21, 12379-12397.	4.7	47
2	Rewards Prediction-Based Credit Assignment for Reinforcement Learning With Sparse Binary Rewards. IEEE Access, 2019, 7, 118776-118791.	4.2	32
3	Reverse osmosis desalination process optimized for maximum permeate production with renewable energy. Desalination, 2016, 398, 133-143.	8.2	26
4	Optimal power management for nanogrids based on technical information of electric appliances. Energy and Buildings, 2019, 191, 174-186.	6.7	26
5	Distributed Sensor Nodes Charged by Mobile Charger with Directional Antenna and by Energy Trading for Balancing. Sensors, 2017, 17, 122.	3.8	25
6	Short-Term Predictive Power Management of PV-Powered Nanogrids. IEEE Access, 2020, 8, 147839-147857.	4.2	15
7	Development of Charging/Discharging Scheduling Algorithm for Economical and Energy-Efficient Operation of Multi-EV Charging Station. Applied Sciences (Switzerland), 2022, 12, 4786.	2.5	15
8	Jointly optimized control for reverse osmosis desalination process with different types of energy resource. Energy, 2016, 117, 116-130.	8.8	13
9	Synchronization of Frequency Hopping by LSTM Network for Satellite Communication System. IEEE Communications Letters, 2019, 23, 2054-2058.	4.1	13
10	Cooperative decentralized peerâ€toâ€peer electricity trading of nanogrid clusters based on predictions of load demand and PV power generation using a gated recurrent unit model. IET Renewable Power Generation, 2021, 15, 3505-3523.	3.1	11
11	Management of Distributed Renewable Energy Resources with the Help of a Wireless Sensor Network. Applied Sciences (Switzerland), 2022, 12, 6908.	2.5	11
12	Operation optimization with jointly controlled modules powered by hybrid energy source: A case study of desalination. Renewable and Sustainable Energy Reviews, 2018, 81, 3070-3080.	16.4	10
13	Power Management by LSTM Network for Nanogrids. IEEE Access, 2020, 8, 24081-24097.	4.2	8
14	Power Management of Microgrid Integrated with Electric Vehicles in Residential Parking Station. , 2021, , .		5
15	Smart Metering System Capable of Anomaly Detection by Bi-directional LSTM Autoencoder. , 2022, , .		5
16	Optimal Scheduling of Energy Storage for Power System with Capability of Sensing Short-Term Future PV Power Production. , 2021, , .		4
17	P2P Power Trading between Nanogrid Clusters Exploiting Electric Vehicles and Renewable Energy Sources. , 2021, , .		3
18	Charging Wireless Rechargeable Sensor Networks Deployed in a Rectangular Street Grid. , 2016, , .		2

#	Article	IF	Citations
19	Optimal Link Scheduling Based on Attributes of Nodes in 6TiSCH Wireless Networks. The Journal of Korean Institute of Information Technology, 2020, 18, 77-92.	0.3	1