

Sangkeum Lee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Metering System Capable of Anomaly Detection by Bi-directional LSTM Autoencoder. , 2022, , .		5
2	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
3	Management of Distributed Renewable Energy Resources with the Help of a Wireless Sensor Network. Applied Sciences (Switzerland), 2022, 12, 6908.	2.5	11
4	Machine Learning for Advanced Wireless Sensor Networks: A Review. IEEE Sensors Journal, 2021, 21, 12379-12397.	4.7	47
5	Cooperative decentralized peer-to-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
6	Power Management of Microgrid Integrated with Electric Vehicles in Residential Parking Station. , 2021, , .		5
7	Optimal Scheduling of Energy Storage for Power System with Capability of Sensing Short-Term Future PV Power Production. , 2021, , .		4
8	P2P Power Trading between Nanogrid Clusters Exploiting Electric Vehicles and Renewable Energy Sources. , 2021, , .		3
9	Short-Term Predictive Power Management of PV-Powered Nanogrids. IEEE Access, 2020, 8, 147839-147857.	4.2	15
10	Power Management by LSTM Network for Nanogrids. IEEE Access, 2020, 8, 24081-24097.	4.2	8
11	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
12	Rewards Prediction-Based Credit Assignment for Reinforcement Learning With Sparse Binary Rewards. IEEE Access, 2019, 7, 118776-118791.	4.2	32
13	Synchronization of Frequency Hopping by LSTM Network for Satellite Communication System. IEEE Communications Letters, 2019, 23, 2054-2058.	4.1	13
14	Optimal power management for nanogrids based on technical information of electric appliances. Energy and Buildings, 2019, 191, 174-186.	6.7	26
15	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
16	Distributed Sensor Nodes Charged by Mobile Charger with Directional Antenna and by Energy Trading for Balancing. Sensors, 2017, 17, 122.	3.8	25
17	Reverse osmosis desalination process optimized for maximum permeate production with renewable energy. Desalination, 2016, 398, 133-143.	8.2	26
18	Jointly optimized control for reverse osmosis desalination process with different types of energy resource. Energy, 2016, 117, 116-130.	8.8	13

#	ARTICLE	IF	CITATIONS
19	Charging Wireless Rechargeable Sensor Networks Deployed in a Rectangular Street Grid. , 2016, , .		2