

# Mun-Kyeom Kim

## List of Publications by Year in descending order

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35  
papers

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759055

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36  
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Operation Approach With Combined BESS Sizing and PV Generation in Microgrid. IEEE Access, 2022, 10, 27453-27466.	2.6	10
2	An Evolutionary Game Theory-Based Optimal Scheduling Strategy for Multiagent Distribution Network Operation Considering Voltage Management. IEEE Access, 2022, 10, 50227-50241.	2.6	13
3	Operation Strategy for Maximizing Revenue of an Energy Storage System With a Photovoltaic Power Plant Considering the Incentive for Forecast Accuracy in South Korea. IEEE Access, 2021, 9, 71184-71193.	2.6	5
4	A Multi-Agent Based Optimization Model for Microgrid Operation with Hybrid Method Using Game Theory Strategy. Energies, 2021, 14, 603.	1.6	15
5	Data-Driven Bidding Strategy for DER Aggregator Based on Gated Recurrent Unit-Enhanced Learning Particle Swarm Optimization. IEEE Access, 2021, 9, 66420-66435.	2.6	7
6	Optimal Operation Scheduling Considering Cycle Aging of Battery Energy Storage Systems on Stochastic Unit Commitments in Microgrids. Energies, 2021, 14, 470.	1.6	12
7	Design and Validation of BAT Algorithm-Based Photovoltaic System Using Simplified High Gain Quasi Boost Inverter. Energies, 2021, 14, 1086.	1.6	13
8	Techno-Economic Investigation of Wind Energy Potential in Selected Sites with Uncertainty Factors. Sustainability, 2021, 13, 2182.	1.6	10
9	A Novel Multiobjective Hybrid Technique for Siting and Sizing of Distributed Generation and Capacitor Banks in Radial Distribution Systems. Sustainability, 2021, 13, 3308.	1.6	45
10	Assessment and Integration of Renewable Energy Resources Installations with Reactive Power Compensator in Indian Utility Power System Network. Electronics (Switzerland), 2021, 10, 912.	1.8	10
11	Power Quality Enhancement in Electric Arc Furnace Using Matrix Converter and Static VAR Compensator. Electronics (Switzerland), 2021, 10, 1125.	1.8	9
12	Autonomous Fuzzy Controller Design for the Utilization of Hybrid PV-Wind Energy Resources in Demand Side Management Environment. Electronics (Switzerland), 2021, 10, 1618.	1.8	12
13	Application of flexible ramping products with allocation rates in microgrid utilizing electric vehicles. International Journal of Electrical Power and Energy Systems, 2021, 133, 107340.	3.3	10
14	Two-Stage Optimal Microgrid Operation with a Risk-Based Hybrid Demand Response Program Considering Uncertainty. Energies, 2020, 13, 6052.	1.6	9
15	Combined Economic Emission Dispatch with Environment-Based Demand Response Using WU-ABC Algorithm. Energies, 2020, 13, 6450.	1.6	11
16	Real Levelized Cost of Energy with Indirect Costs and Market Value of Variable Renewables: A Study of the Korean Power Market. Energies, 2019, 12, 2459.	1.6	13
17	Optimal Operational Scheduling of Distribution Network with Microgrid via Bi-Level Optimization Model with Energy Band. Applied Sciences (Switzerland), 2019, 9, 4219.	1.3	11
18	Transmission Expansion Planning under Uncertainty for Investment Options with Various Lead-Times. Energies, 2018, 11, 2429.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Improved Genetic Algorithm-Based Unit Commitment Considering Uncertainty Integration Method. <i>Energies</i> , 2018, 11, 1387.	1.6	19
20	Optimal Control and Operation Strategy for Wind Turbines Contributing to Grid Primary Frequency Regulation. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 927.	1.3	26
21	Flexibility-Based Evaluation of Variable Generation Acceptability in Korean Power System. <i>Energies</i> , 2017, 10, 825.	1.6	8
22	Flexibility-Based Reserve Scheduling of Pumped Hydroelectric Energy Storage in Korea. <i>Energies</i> , 2017, 10, 1478.	1.6	13
23	A Multi-Energy System Expansion Planning Method Using a Linearized Load-Energy Curve: A Case Study in South Korea. <i>Energies</i> , 2017, 10, 1663.	1.6	13
24	Impact of the Complementarity between Variable Generation Resources and Load on the Flexibility of the Korean Power System. <i>Energies</i> , 2017, 10, 1719.	1.6	18
25	Determining the Flexible Ramping Capacity of Electric Vehicles to Enhance Locational Flexibility. <i>Energies</i> , 2017, 10, 2028.	1.6	9
26	A Dynamic Economic Dispatch Model for Uncertain Power Demands in an Interconnected Microgrid. <i>Energies</i> , 2017, 10, 300.	1.6	10
27	Net Load Carrying Capability of Generating Units in Power Systems. <i>Energies</i> , 2017, 10, 1221.	1.6	10
28	Hybrid operation strategy of wind energy storage system for power grid frequency regulation. <i>IET Generation, Transmission and Distribution</i> , 2016, 10, 736-749.	1.4	90
29	The Economic Viability of Renewable Portfolio Standard Support for Offshore Wind Farm Projects in Korea. <i>Energies</i> , 2015, 8, 9731-9750.	1.6	8
30	Short-term price forecasting of Nordic power market by combination Levenberg-Marquardt and Cuckoo search algorithms. <i>IET Generation, Transmission and Distribution</i> , 2015, 9, 1553-1563.	1.4	31
31	Total transfer capability calculation taking into consideration system uncertainties. <i>European Transactions on Electrical Power</i> , 2009, 19, 72-88.	1.0	4
32	Security Cost Analysis with Linear Ramp Model using Contingency Constrained Optimal Power Flow. <i>Journal of Electrical Engineering and Technology</i> , 2009, 4, 353-359.	1.2	6
33	Determination of available transfer capability using multi-objective contingency constrained optimal power flow with post-contingency corrective rescheduling. <i>Electrical Engineering</i> , 2008, 90, 243-253.	1.2	10
34	Distributed power flow and economic operation in a South Korea distribution system. , 2008, , .		2
35	Determination of Available Transfer Capability Using Continuation Power Flow with Fuzzy Set Theory. <i>IEEE Power Engineering Society General Meeting</i> , 2007, , .	0.0	4