

Jong-Bae Park

List of Publications by Year in descending order

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45
papers

2,266
citations

840119

11
h-index

676716

22
g-index

45
all docs

45
docs citations

45
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	A Particle Swarm Optimization for Economic Dispatch With Nonsmooth Cost Functions. IEEE Transactions on Power Systems, 2005, 20, 34-42.	4.6	931
2	An Improved Particle Swarm Optimization for Nonconvex Economic Dispatch Problems. IEEE Transactions on Power Systems, 2010, 25, 156-166.	4.6	501
3	A New Quantum-Inspired Binary PSO: Application to Unit Commitment Problems for Power Systems. IEEE Transactions on Power Systems, 2010, 25, 1486-1495.	4.6	203
4	Application of Particle Swarm Optimization to Economic Dispatch Problem: Advantages and Disadvantages. , 2006, , .		127
5	A continuous strategy game for power transactions analysis in competitive electricity markets. IEEE Transactions on Power Systems, 2001, 16, 847-855.	4.6	71
6	A New Optimal Routing Algorithm for Loss Minimization and Voltage Stability Improvement in Radial Power Systems. IEEE Transactions on Power Systems, 2007, 22, 648-657.	4.6	51
7	A Thermal Unit Commitment Approach Using an Improved Quantum Evolutionary Algorithm. Electric Power Components and Systems, 2009, 37, 770-786.	1.0	51
8	A new game-theoretic framework for maintenance strategy analysis. IEEE Transactions on Power Systems, 2003, 18, 698-706.	4.6	45
9	A New Quantum-Inspired Binary PSO for Thermal Unit Commitment Problems. , 2009, , .		25
10	Customer baseline load (CBL) calculation using exponential smoothing model with weather adjustment. , 2009, , .		24
11	Optimal Bidding and Operation Strategies for EV Aggregators by Regrouping Aggregated EV Batteries. IEEE Transactions on Smart Grid, 2020, 11, 4928-4937.	6.2	24
12	Real-Time Optimal Power Flow Using Twin Delayed Deep Deterministic Policy Gradient Algorithm. IEEE Access, 2020, 8, 213611-213618.	2.6	22
13	A Bidding-Based Peer-to-Peer Energy Transaction Model Considering the Green Energy Preference in Virtual Energy Community. IEEE Access, 2021, 9, 87410-87419.	2.6	21
14	Generation expansion planning in a competitive environment using a genetic algorithm. , 0, , .		18
15	Impact of Demand and Price Uncertainties on Customer-side Energy Storage System Operation with Peak Load Limitation. Electric Power Components and Systems, 2015, 43, 1872-1881.	1.0	18
16	An improved particle swarm optimization for economic dispatch problems with non-smooth cost functions. , 2006, , .		17
17	Economic load dispatch for nonsmooth cost functions using particle swarm optimization. , 0, , .		16
18	A Hybrid Particle Swarm Optimization Employing Crossover Operation for Economic Dispatch Problems with Valve-point Effects. , 2007, , .		12

#	ARTICLE	IF	CITATIONS
19	Linear Formulation for Short-Term Operational Scheduling of Energy Storage Systems in Power Grids. <i>Energies</i> , 2017, 10, 207.	1.6	10
20	A Market-Based Analysis on the Generation Expansion Planning Strategies. , 0, , .		9
21	Closure to discussion of "An improved particle swarm optimization for nonconvex economic dispatch problems". <i>IEEE Transactions on Power Systems</i> , 2010, 25, 2010-2011.	4.6	8
22	An Economic Evaluation of the Energy Efficiency Programs in Korea. <i>Journal of International Council on Electrical Engineering</i> , 2012, 2, 219-224.	0.4	8
23	D-STATCOM d-q Axis Current Reference Control Applying DDPG Algorithm in the Distribution System. <i>IEEE Access</i> , 2021, 9, 145840-145851.	2.6	8
24	Optimization of CHP and thermal storage under heat demand. , 2016, , .		6
25	Optimal Sizing of Battery/Supercapacitor Hybrid Energy Storage Systems for Frequency Regulation. <i>Journal of Electrical Engineering and Technology</i> , 2022, 17, 111-120.	1.2	6
26	A system marginal price forecasting based on an artificial neural network adapted with rough set theory. , 0, , .		5
27	Optimal charging strategy for a residential PEV battery considering bidirectional trade and frequency regulation. <i>International Journal of Control, Automation and Systems</i> , 2016, 14, 587-597.	1.6	5
28	Robust Optimal Scheduling with a Grid-Connected Microgrid Installed in a Large-Scale Power Consumer. <i>Journal of Electrical Engineering and Technology</i> , 2019, 14, 1881-1892.	1.2	4
29	A Hierarchical Peer-to-Peer Energy Transaction Model Considering Prosumer's Renewable Energy Preference. <i>IFAC-PapersOnLine</i> , 2019, 52, 312-317.	0.5	4
30	A Hierarchical Peer-to-Peer Energy Transaction Model Considering Prosumer's Green Energy Preference. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 311-317.	1.6	4
31	A numerical algorithm for adaptive reclosing based on the calculation of the faulted phase voltage total harmonic distortion factor. , 0, , .		2
32	Development of an Educational Simulator for Particle Swarm Optimization and Economic Dispatch Applications. , 2007, , .		2
33	Economic Analysis of Smart Appliance Penetration from a Societal Perspective in Korea. <i>Journal of International Council on Electrical Engineering</i> , 2014, 4, 348-354.	0.4	2
34	An improved penalty-factor based attractive and repulsive particle swarm optimization for nonconvex economic dispatch problems. , 2017, , .		2
35	A resource maintenance scheduling scheme with consideration of interruptible loads. , 0, , .		1
36	Applications to System Planning. , 0, , 285-335.		1

#	ARTICLE	IF	CITATIONS
37	Incorporated Multi-Stage Nash Equilibriums for the Generation Allocation Problem Considering Ramp Rate Effects. , 2009, , .		1
38	Development of Investment Strategies of Energy Efficiency Programs in Korea. Journal of International Council on Electrical Engineering, 2013, 3, 38-44.	0.4	1
39	A new framework of marginal loss factors with consideration of the electrical distance. , 0, , .		0
40	A method for analyzing nash equilibrium based on clustering of generation companies. , 0, , .		0
41	Analyzing Effects of Generation Limits on the Equilibrium in the Electricity Markets. Electric Power Components and Systems, 2007, 35, 1285-1299.	1.0	0
42	Applications to Power System Scheduling. , 0, , 337-402.		0
43	A Revenue and Profit Evaluation Method Based on the Equivalent Load Duration Curve for Electricity Market Simulations. Electric Power Components and Systems, 2008, 36, 1166-1182.	1.0	0
44	Regional grouping of an interconnected transmission system using the sequential clustering technique. , 2009, , .		0
45	Optimal residential smart appliances scheduling considering distribution network constraints. Journal of International Council on Electrical Engineering, 2016, 6, 207-213.	0.4	0