

Van-Hai Bui

List of Publications by Citations

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23
papers

651
citations

12
h-index

25
g-index

28
ext. papers

832
ext. citations

4.1
avg, IF

4.96
L-index

#	Paper	IF	Citations
23	A Multiagent-Based Hierarchical Energy Management Strategy for Multi-Microgrids Considering Adjustable Power and Demand Response. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 1323-1333	10.7	177
22	A Resilient and Privacy-Preserving Energy Management Strategy for Networked Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 2127-2139	10.7	115
21	Optimal operation of hybrid microgrids for enhancing resiliency considering feasible islanding and survivability. <i>IET Renewable Power Generation</i> , 2017 , 11, 846-857	2.9	60
20	Robust Optimal Operation of AC/DC Hybrid Microgrids Under Market Price Uncertainties. <i>IEEE Access</i> , 2018 , 6, 2654-2667	3.5	55
19	A Proactive and Survivability-Constrained Operation Strategy for Enhancing Resilience of Microgrids Using Energy Storage System. <i>IEEE Access</i> , 2018 , 6, 75495-75507	3.5	42
18	Optimal Sizing of Battery Energy Storage System in a Fast EV Charging Station Considering Power Outages. <i>IEEE Transactions on Transportation Electrification</i> , 2020 , 6, 453-463	7.6	37
17	Fuzzy Logic-Based Operation of Battery Energy Storage Systems (BESSs) for Enhancing the Resiliency of Hybrid Microgrids. <i>Energies</i> , 2017 , 10, 271	3.1	27
16	Impact of Demand Response Programs on Optimal Operation of Multi-Microgrid System. <i>Energies</i> , 2018 , 11, 1452	3.1	24
15	Optimal Operation of Microgrids Considering Auto-Configuration Function Using Multiagent System. <i>Energies</i> , 2017 , 10, 1484	3.1	23
14	Q-Learning-Based Operation Strategy for Community Battery Energy Storage System (CBESS) in Microgrid System. <i>Energies</i> , 2019 , 12, 1789	3.1	15
13	Stationary Energy Storage System for Fast EV Charging Stations: Simultaneous Sizing of Battery and Converter. <i>Energies</i> , 2019 , 12, 4516	3.1	13
12	Impact Analysis of Demand Response Intensity and Energy Storage Size on Operation of Networked Microgrids. <i>Energies</i> , 2017 , 10, 882	3.1	12
11	Optimal Operation of Wind Farm for Reducing Power Deviation Considering Grid-Code Constraints and Events. <i>IEEE Access</i> , 2019 , 7, 139058-139068	3.5	7
10	Stationary Energy Storage System for Fast EV Charging Stations: Optimality Analysis and Results Validation. <i>Energies</i> , 2020 , 13, 230	3.1	7
9	Welfare Maximization-Based Distributed Demand Response for Islanded Multi-Microgrid Networks Using Diffusion Strategy. <i>Energies</i> , 2019 , 12, 3701	3.1	7
8	Optimal Energy Management of Building Microgrid Networks in Islanded Mode Considering Adjustable Power and Component Outages. <i>Energies</i> , 2018 , 11, 2351	3.1	7
7	A Multi-Agent System-Based Approach for Optimal Operation of Building Microgrids with Rooftop Greenhouse. <i>Energies</i> , 2018 , 11, 1876	3.1	6

6	Multi-Objective Optimization for Determining Trade-Off between Output Power and Power Fluctuations in Wind Farm System. <i>Energies</i> , 2019 , 12, 4242	3.1	4
5	Distributed Operation of Wind Farm for Maximizing Output Power: A Multi-Agent Deep Reinforcement Learning Approach. <i>IEEE Access</i> , 2020 , 8, 173136-173146	3.5	3
4	Multi-Objective Stochastic Optimization for Determining Set-Point of Wind Farm System. <i>Sustainability</i> , 2021 , 13, 624	3.6	3
3	Hybrid Energy Management System for Operation of Wind Farm System Considering Grid-Code Constraints. <i>Energies</i> , 2019 , 12, 4672	3.1	2
2	A Dynamic Internal Trading Price Strategy for Networked Microgrids: A Deep Reinforcement Learning Based Game-Theoretic Approach. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	1
1	Optimal Sizing of Energy Storage System for Operation of Wind Farms Considering Grid-Code Constraints. <i>Energies</i> , 2021 , 14, 5478	3.1	0