Van-Hai Bui

List of Publications by Year in Descending Order

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 Dynamic Internal Trading Price Strategy for Networked Microgrids: A Deep Reinforcement Learning Based Game-Theoretic Approach. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	1
22	Optimal Sizing of Energy Storage System for Operation of Wind Farms Considering Grid-Code Constraints. *Energies*, **2021**, 14, 5478	3.1	0
21	Multi-Objective Stochastic Optimization for Determining Set-Point of Wind Farm System. *Sustainability*, **2021**, 13, 624	3.6	3
20	Optimal Sizing of Battery Energy Storage System in a Fast EV Charging Station Considering Power Outages. *IEEE Transactions on Transportation Electrification*, **2020**, 6, 453-463	7.6	37
19	Stationary Energy Storage System for Fast EV Charging Stations: Optimality Analysis and Results Validation. *Energies*, **2020**, 13, 230	3.1	7
18	Distributed Operation of Wind Farm for Maximizing Output Power: A Multi-Agent Deep Reinforcement Learning Approach. *IEEE Access*, **2020**, 8, 173136-173146	3.5	3
17	Q-Learning-Based Operation Strategy for Community Battery Energy Storage System (CBESS) in Microgrid System. *Energies*, **2019**, 12, 1789	3.1	15
16	Optimal Operation of Wind Farm for Reducing Power Deviation Considering Grid-Code Constraints and Events. *IEEE Access*, **2019**, 7, 139058-139068	3.5	7
15	Welfare Maximization-Based Distributed Demand Response for Islanded Multi-Microgrid Networks Using Diffusion Strategy. *Energies*, **2019**, 12, 3701	3.1	7
14	Multi-Objective Optimization for Determining Trade-Off between Output Power and Power Fluctuations in Wind Farm System. *Energies*, **2019**, 12, 4242	3.1	4
13	Hybrid Energy Management System for Operation of Wind Farm System Considering Grid-Code Constraints. *Energies*, **2019**, 12, 4672	3.1	2
12	Stationary Energy Storage System for Fast EV Charging Stations: Simultaneous Sizing of Battery and Converter. *Energies*, **2019**, 12, 4516	3.1	13
11	Robust Optimal Operation of AC/DC Hybrid Microgrids Under Market Price Uncertainties. *IEEE Access*, **2018**, 6, 2654-2667	3.5	55
10	A Multiagent-Based Hierarchical Energy Management Strategy for Multi-Microgrids Considering Adjustable Power and Demand Response. *IEEE Transactions on Smart Grid*, **2018**, 9, 1323-1333	10.7	177
9	A Resilient and Privacy-Preserving Energy Management Strategy for Networked Microgrids. *IEEE Transactions on Smart Grid*, **2018**, 9, 2127-2139	10.7	115
8	Impact of Demand Response Programs on Optimal Operation of Multi-Microgrid System. *Energies*, **2018**, 11, 1452	3.1	24
7	Optimal Energy Management of Building Microgrid Networks in Islanded Mode Considering Adjustable Power and Component Outages. *Energies*, **2018**, 11, 2351	3.1	7

List of Publications

6	A Proactive and Survivability-Constrained Operation Strategy for Enhancing Resilience of Microgrids Using Energy Storage System. *IEEE Access*, **2018**, 6, 75495-75507	3.5	42
5	A Multi-Agent System-Based Approach for Optimal Operation of Building Microgrids with Rooftop Greenhouse. *Energies*, **2018**, 11, 1876	3.1	6
4	Optimal operation of hybrid microgrids for enhancing resiliency considering feasible islanding and survivability. *IET Renewable Power Generation*, **2017**, 11, 846-857	2.9	60
3	Optimal Operation of Microgrids Considering Auto-Configuration Function Using Multiagent System. *Energies*, **2017**, 10, 1484	3.1	23
2	Fuzzy Logic-Based Operation of Battery Energy Storage Systems (BESSs) for Enhancing the Resiliency of Hybrid Microgrids. *Energies*, **2017**, 10, 271	3.1	27
1	Impact Analysis of Demand Response Intensity and Energy Storage Size on Operation of Networked Microgrids. *Energies*, **2017**, 10, 882	3.1	12