

Najmeh Bazmohammadi

List of Publications by Year in descending order

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391
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization-Based Power and Energy Management System in Shipboard Microgrid: A Review. IEEE Systems Journal, 2022, 16, 578-590.	2.9	55
2	A Review of DC Shipboard Microgridsâ€”Part I: Power Architectures, Energy Storage, and Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 5155-5172.	5.4	78
3	Microgrid Digital Twins: Concepts, Applications, and Future Trends. IEEE Access, 2022, 10, 2284-2302.	2.6	68
4	A Review of DC Shipboard Microgridsâ€”Part II: Control Architectures, Stability Analysis, and Protection Schemes. IEEE Transactions on Power Electronics, 2022, 37, 4105-4120.	5.4	54
5	Optimal Configuration and Sizing of Seaport Microgrids including Renewable Energy and Cold Ironingâ€”The Port of Aalborg Case Study. Energies, 2022, 15, 431.	1.6	17
6	Power-flow-based energy management of hierarchically controlled islanded AC microgrids. International Journal of Electrical Power and Energy Systems, 2022, 141, 108140.	3.3	25
7	A distributed real-time power management scheme for shipboard zonal multi-microgrid system. Applied Energy, 2022, 317, 119072.	5.1	11
8	A Very Short-Term Probabilistic Prediction Interval Forecaster for Reducing Load Uncertainty Level in Smart Grids. Applied Sciences (Switzerland), 2021, 11, 2538.	1.3	4
9	An Accurate Physical Model for PV Modules With Improved Approximations of Series-Shunt Resistances. IEEE Journal of Photovoltaics, 2021, 11, 699-707.	1.5	7
10	Hierarchical Control of Space Closed Ecosystems: Expanding Microgrid Concepts to Bioastronautics. IEEE Industrial Electronics Magazine, 2021, 15, 16-27.	2.3	7
11	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. Sustainability, 2021, 13, 7710.	1.6	19
12	Energy management system optimization in islanded microgrids: An overview and future trends. Renewable and Sustainable Energy Reviews, 2021, 149, 111327.	8.2	75
13	A short review of radiation-induced degradation of IIIâ€”V photovoltaic cells for space applications. Solar Energy Materials and Solar Cells, 2021, 233, 111379.	3.0	17
14	Space Microgrids for Future Manned Lunar Bases: A Review. IEEE Open Access Journal of Power and Energy, 2021, 8, 570-583.	2.5	19
15	A Review of the Conceptualization and Operational Management of Seaport Microgrids on the Shore and Seaside. Energies, 2021, 14, 7941.	1.6	14
16	Optimal Load and Energy Management of Aircraft Microgrids Using Multi-Objective Model Predictive Control. Sustainability, 2021, 13, 13907.	1.6	10
17	Stochastic Predictive Energy Management of Multi-Microgrid Systems. Applied Sciences (Switzerland), 2020, 10, 4833.	1.3	41
18	A Deep Learning Method for Short-Term Dynamic Positioning Load Forecasting in Maritime Microgrids. Applied Sciences (Switzerland), 2020, 10, 4889.	1.3	6

#	ARTICLE	IF	CITATIONS
19	An Efficient Decision-Making Approach for Optimal Energy Management of Microgrids. , 2019, , .		2
20	Stochastic Predictive Control of Multi-Microgrid Systems. IEEE Transactions on Industry Applications, 2019, 55, 5311-5319.	3.3	55
21	A hierarchical energy management strategy for interconnected microgrids considering uncertainty. International Journal of Electrical Power and Energy Systems, 2019, 109, 597-608.	3.3	121
22	Stochastic Predictive Control of Multi-Microgrid Systems. , 2018, , .		2
23	Optimal operation management of a regional network of microgrids based on chance-constrained model predictive control. IET Generation, Transmission and Distribution, 2018, 12, 3772-3779.	1.4	25
24	Portfolio Optimization in Electricity Market Using a Novel Risk Based Decision Making Approach. Scientia Iranica, 2017, .	0.3	1