

# Najmeh Bazmohammadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8812271/publications.pdf>

Version: 2024-02-01

24  
papers

733  
citations

623734

14  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

391  
citing authors

#	ARTICLE	IF	CITATIONS
1	A hierarchical energy management strategy for interconnected microgrids considering uncertainty. International Journal of Electrical Power and Energy Systems, 2019, 109, 597-608.	5.5	121
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.	7.9	78
3	Energy management system optimization in islanded microgrids: An overview and future trends. Renewable and Sustainable Energy Reviews, 2021, 149, 111327.	16.4	75
4	Microgrid Digital Twins: Concepts, Applications, and Future Trends. IEEE Access, 2022, 10, 2284-2302.	4.2	68
5	Stochastic Predictive Control of Multi-Microgrid Systems. IEEE Transactions on Industry Applications, 2019, 55, 5311-5319.	4.9	55
6	Optimization-Based Power and Energy Management System in Shipboard Microgrid: A Review. IEEE Systems Journal, 2022, 16, 578-590.	4.6	55
7	A Review of DC Shipboard Microgridsâ€™Part II: Control Architectures, Stability Analysis, and Protection Schemes. IEEE Transactions on Power Electronics, 2022, 37, 4105-4120.	7.9	54
8	Stochastic Predictive Energy Management of Multi-Microgrid Systems. Applied Sciences (Switzerland), 2020, 10, 4833.	2.5	41
9	Optimal operation management of a regional network of microgrids based on chanceâ€™constrained model predictive control. IET Generation, Transmission and Distribution, 2018, 12, 3772-3779.	2.5	25
10	Power-flow-based energy management of hierarchically controlled islanded AC microgrids. International Journal of Electrical Power and Energy Systems, 2022, 141, 108140.	5.5	25
11	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. Sustainability, 2021, 13, 7710.	3.2	19
12	Space Microgrids for Future Manned Lunar Bases: A Review. IEEE Open Access Journal of Power and Energy, 2021, 8, 570-583.	3.4	19
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.	6.2	17
14	Optimal Configuration and Sizing of Seaport Microgrids including Renewable Energy and Cold Ironingâ€™The Port of Aalborg Case Study. Energies, 2022, 15, 431.	3.1	17
15	A Review of the Conceptualization and Operational Management of Seaport Microgrids on the Shore and Seaside. Energies, 2021, 14, 7941.	3.1	14
16	A distributed real-time power management scheme for shipboard zonal multi-microgrid system. Applied Energy, 2022, 317, 119072.	10.1	11
17	Optimal Load and Energy Management of Aircraft Microgrids Using Multi-Objective Model Predictive Control. Sustainability, 2021, 13, 13907.	3.2	10
18	An Accurate Physical Model for PV Modules With Improved Approximations of Series-Shunt Resistances. IEEE Journal of Photovoltaics, 2021, 11, 699-707.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Hierarchical Control of Space Closed Ecosystems: Expanding Microgrid Concepts to Bioastronautics. IEEE Industrial Electronics Magazine, 2021, 15, 16-27.	2.6	7
20	A Deep Learning Method for Short-Term Dynamic Positioning Load Forecasting in Maritime Microgrids. Applied Sciences (Switzerland), 2020, 10, 4889.	2.5	6
21	A Very Short-Term Probabilistic Prediction Interval Forecaster for Reducing Load Uncertainty Level in Smart Grids. Applied Sciences (Switzerland), 2021, 11, 2538.	2.5	4
22	Stochastic Predictive Control of Multi-Microgrid Systems. , 2018, , .		2
23	An Efficient Decision-Making Approach for Optimal Energy Management of Microgrids. , 2019, , .		2
24	Portfolio Optimization in Electricity Market Using a Novel Risk Based Decision Making Approach. Scientia Iranica, 2017, .	0.4	1