

# Majid Astaneh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1085250/publications.pdf>

Version: 2024-02-01

12  
papers

231  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel framework for optimization of size and control strategy of lithium-ion battery based off-grid renewable energy systems. <i>Energy Conversion and Management</i> , 2018, 175, 99-111.	9.2	45
2	Technical, economic and environmental optimization of combined heat and power systems based on solid oxide fuel cell for a greenhouse case study. <i>Energy Conversion and Management</i> , 2018, 164, 144-156.	9.2	37
3	Long-term degradation based analysis for lithium-ion batteries in off-grid wind-battery renewable energy systems. <i>Energy</i> , 2019, 166, 1194-1206.	8.8	35
4	A novel lifetime prediction method for lithium-ion batteries in the case of stand-alone renewable energy systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 103, 115-126.	5.5	28
5	A computationally efficient Li-ion electrochemical battery model for long-term analysis of stand-alone renewable energy systems. <i>Journal of Energy Storage</i> , 2018, 17, 93-101.	8.1	27
6	Multiphysics simulation optimization framework for lithium-ion battery pack design for electric vehicle applications. <i>Energy</i> , 2022, 239, 122092.	8.8	22
7	Calibration Optimization Methodology for Lithium-Ion Battery Pack Model for Electric Vehicles in Mining Applications. <i>Energies</i> , 2020, 13, 3532.	3.1	16
8	Multi-objective optimization of molten carbonate fuel cell system for reducing CO <sub>2</sub> emission from exhaust gases. <i>Frontiers in Energy</i> , 2015, 9, 106-114.	2.3	12
9	Reducing CO <sub>2</sub> emission from exhaust gases using molten carbonate fuel cells: a new approach. <i>International Journal of Ambient Energy</i> , 2016, 37, 331-340.	2.5	5
10	Finite-size effects on heat and mass transfer in porous electrodes. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107610.	4.9	4
11	A Multiphysics System-to-Cell Framework to Assess the Impact of Operating Conditions of Standalone PV Systems on Lithium-Ion Battery Lifetime. <i>Electronics (Switzerland)</i> , 2021, 10, 2582.	3.1	0
12	Analysis of power supply possibilities through lithium batteries connected to the AC grid. <i>Renewable Energy and Power Quality Journal</i> , 0, 1, 451-455.	0.2	0