

# Md Sazzad Hosen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1670825/publications.pdf>

Version: 2024-02-01

10  
papers

245  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	PCM assisted heat pipe cooling system for the thermal management of an LTO cell for high-current profiles. <i>Case Studies in Thermal Engineering</i> , 2021, 25, 100920.	5.7	68
2	Battery lifetime prediction and performance assessment of different modeling approaches. <i>IScience</i> , 2021, 24, 102060.	4.1	52
3	Comparative Study on Parameter Identification Methods for Dual-Polarization Lithium-Ion Equivalent Circuit Model. <i>Energies</i> , 2019, 12, 4031.	3.1	38
4	Lithium-Ion Capacitor Lifetime Extension through an Optimal Thermal Management System for Smart Grid Applications. <i>Energies</i> , 2021, 14, 2907.	3.1	29
5	Twinâ€model framework development for a comprehensive battery lifetime prediction validated with a realistic driving profile. <i>Energy Science and Engineering</i> , 2021, 9, 2191-2201.	4.0	21
6	State of Health Estimation of Lithium-Ion Batteries Based on Electrochemical Impedance Spectroscopy and Backpropagation Neural Network. <i>World Electric Vehicle Journal</i> , 2021, 12, 156.	3.0	12
7	Experimental and Numerical Study on the Thermal Behavior of a Large Lithium-Ion Prismatic Cell With Natural Air Convection. <i>IEEE Transactions on Industry Applications</i> , 2021, 57, 6475-6482.	4.9	8
8	Impact of Relaxation Time on Electrochemical Impedance Spectroscopy Characterization of the Most Common Lithium Battery Technologiesâ€Experimental Study and Chemistry-Neutral Modeling. <i>World Electric Vehicle Journal</i> , 2021, 12, 77.	3.0	7
9	Thermal Performance Improvement for Different Strategies of Battery Thermal Management Systems Combined with Juteâ€A Comparison Study. <i>Energies</i> , 2022, 15, 873.	3.1	6
10	A Strategic Pathway from Cell to Pack-Level Battery Lifetime Model Development. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4781.	2.5	4