

Md Sazzad Hosen

List of Publications by Year in descending order

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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 | Thermal Performance Improvement for Different Strategies of Battery Thermal Management Systems Combined with Juteâ€™s A Comparison Study. <i>Energies</i> , 2022, 15, 873. | 3.1 | 6 |
| 2 | A Strategic Pathway from Cell to Pack-Level Battery Lifetime Model Development. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4781. | 2.5 | 4 |
| 3 | 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 |
| 4 | Battery lifetime prediction and performance assessment of different modeling approaches. <i>IScience</i> , 2021, 24, 102060. | 4.1 | 52 |
| 5 | Lithium-Ion Capacitor Lifetime Extension through an Optimal Thermal Management System for Smart Grid Applications. <i>Energies</i> , 2021, 14, 2907. | 3.1 | 29 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Comparative Study on Parameter Identification Methods for Dual-Polarization Lithium-Ion Equivalent Circuit Model. <i>Energies</i> , 2019, 12, 4031. | 3.1 | 38 |