

Roja Esmaeeli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9003003/publications.pdf>

Version: 2024-02-01

13
papers

236
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-purpose cooling plate for thermal management of prismatic lithium-ion batteries during normal operation and thermal runaway. Applied Thermal Engineering, 2019, 160, 114106.	6.0	73
2	Design, modeling, and analysis of a high performance piezoelectric energy harvester for intelligent tires. International Journal of Energy Research, 2019, 43, 5199-5212.	4.5	34
3	A Rainbow Piezoelectric Energy Harvesting System for Intelligent Tire Monitoring Applications. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	32
4	Machine learning-based model for lithium-ion batteries in <scp>BMS</scp> of electric/hybrid electric aircraft. International Journal of Energy Research, 2021, 45, 5747-5765.	4.5	31
5	Design and Comparison of Cooling Plates for a Prismatic Lithium-ion Battery for Electrified Vehicles. , 0, , .		12
6	Designing a New Dynamic Mechanical Analysis (DMA) System for Testing Viscoelastic Materials at High Frequencies. Modelling and Simulation in Engineering, 2019, 2019, 1-9.	0.7	12
7	A piezoelectric sandwich structure for harvesting energy from tire strain to power up intelligent tire sensors. , 2019, , .		9
8	The Effect of Temperature on Lithium-Ion Battery Energy Efficiency With Graphite/LiFePO4 Electrodes at Different Nominal Capacities. , 2018, , .		8
9	Prevalence Study of Dermatologic Manifestations among Diabetic Patients. Advances in Preventive Medicine, 2019, 2019, 1-5.	2.7	7
10	A Fast Diagnosis Methodology for Typical Faults of a Lithium-Ion Battery in Electric and Hybrid Electric Aircraft. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	6
11	Optimization of a Rainbow Piezoelectric Energy Harvesting System for Tire Monitoring Applications. , 2018, , .		5
12	A new high frequency dynamic mechanical analysis system: An approach to direct high frequency testing of tire tread rubber. Polymer Testing, 2020, 86, 106491.	4.8	5
13	Analysis of Second-Life of a Lithium-Ion Battery in an Energy Storage System Connected to a Wind Turbine. , 2019, , .		2