

Ashkan Nazari

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

318
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Exergy, economic and environmental evaluation of an optimized hybrid photovoltaic-geothermal heat pump system. Applied Energy, 2020, 276, 115469.	10.1	62
2	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
3	Lithium-Ion Batteriesâ€™ Energy Efficiency Prediction Using Physics-Based and State-of-the-Art Artificial Neural Network-Based Models. Journal of Energy Resources Technology, Transactions of the ASME, 2020, 142, .	2.3	9
4	Prediction of Hydroplaning Potential Using Fully Coupled Finite Element-Computational Fluid Dynamics Tire Models. Journal of Fluids Engineering, Transactions of the ASME, 2020, 142, .	1.5	7
5	Introducing the energy efficiency map of lithium-ion batteries. International Journal of Energy Research, 2019, 43, 931-944.	4.5	41
6	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
7	Drop formation from a capillary tube: Comparison of different bulk fluid on Newtonian drops and formation of Newtonian and non-Newtonian drops in air using image processing. International Journal of Heat and Mass Transfer, 2018, 124, 912-919.	4.8	12
8	Low-Temperature Energy Efficiency of Lithium-Ion Batteries. , 2018, , .		1
9	Optimization of a Rainbow Piezoelectric Energy Harvesting System for Tire Monitoring Applications. , 2018, , .		5
10	The Effect of Temperature on Lithium-Ion Battery Energy Efficiency With Graphite/LiFePO4 Electrodes at Different Nominal Capacities. , 2018, , .		8
11	Fast Fault Diagnosis of a Lithium-Ion Battery for Hybrid Electric Aircraft. , 2018, , .		5
12	Heat generation in lithium-ion batteries with different nominal capacities and chemistries. Applied Thermal Engineering, 2017, 125, 1501-1517.	6.0	123
13	A Probabilistic Approach to Hydroplaning Potential and Risk. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 12, 63-70.	0.4	7