

Tedjani Mesbahi

List of Publications by Year in descending order

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12
papers

436
citations

840776

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1199594

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docs citations

13
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-Ion Battery Parameter Identification for Hybrid and Electric Vehicles Using Drive Cycle Data. <i>Energies</i> , 2022, 15, 4005.	3.1	6
2	Advanced Model of Hybrid Energy Storage System Integrating Lithium-Ion Battery and Supercapacitor for Electric Vehicle Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 3962-3972.	7.9	39
3	Coupled electro-thermal modeling of lithium-ion batteries for electric vehicle application. <i>Journal of Energy Storage</i> , 2021, 35, 102260.	8.1	21
4	Optimal Adaptive Gain LQR-Based Energy Management Strategy for Battery-Supercapacitor Hybrid Power System. <i>Energies</i> , 2021, 14, 1660.	3.1	24
5	Sizing of Lithium-Ion Battery/Supercapacitor Hybrid Energy Storage System for Forklift Vehicle. <i>Energies</i> , 2020, 13, 4518.	3.1	21
6	Dynamic Model of Li-Ion Batteries Incorporating Electrothermal and Ageing Aspects for Electric Vehicle Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 1298-1305.	7.9	60
7	Combined Optimal Sizing and Control of Li-Ion Battery/Supercapacitor Embedded Power Supply Using Hybrid Particle Swarm-Nelder-Mead Algorithm. <i>IEEE Transactions on Sustainable Energy</i> , 2017, 8, 59-73.	8.8	60
8	Aging of high power Li-ion cells during real use of electric vehicles. <i>IET Electrical Systems in Transportation</i> , 2017, 7, 14-22.	2.4	13
9	Dynamical modelling and emulation of Li-ion batteries-supercapacitors hybrid power supply for electric vehicle applications. <i>IET Electrical Systems in Transportation</i> , 2017, 7, 161-169.	2.4	23
10	Optimal Energy Management For a Li-Ion Battery/Supercapacitor Hybrid Energy Storage System Based on Particle Swarm Optimization Incorporating Nelder-Mead Simplex Approach. <i>IEEE Transactions on Intelligent Vehicles</i> , 2017, , 1-1.	12.7	45
11	Dynamical modeling of Li-ion batteries for electric vehicle applications based on hybrid Particle Swarm-Nelder-Mead (PSO-NM) optimization algorithm. <i>Electric Power Systems Research</i> , 2016, 131, 195-204.	3.6	71
12	A stand-alone wind power supply with a Li-ion battery energy storage system. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 204-213.	16.4	50