

Báº£o-Huy Nguyá»n

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Energy Management of Battery/Supercapacitor Electric Vehicles Based on an Adaptation of Pontryagin's Minimum Principle. IEEE Transactions on Vehicular Technology, 2019, 68, 203-212.	3.9	136
2	Optimal Energy Management of Hybrid Storage Systems Using an Alternative Approach of Pontryagin's Minimum Principle. IEEE Transactions on Transportation Electrification, 2021, 7, 2224-2237.	5.3	34
3	Disturbance observer-based state-of-charge estimation for Li-ion battery used in light electric vehicles. Journal of Energy Storage, 2020, 27, 101144.	3.9	24
4	Multi-objective benchmark for energy management of dual-source electric vehicles: An optimal control approach. Energy, 2021, 223, 119857.	4.5	23
5	Driving Mode Predictor-Based Real-Time Energy Management for Dual-Source Electric Vehicle. IEEE Transactions on Transportation Electrification, 2021, 7, 1173-1185.	5.3	14
6	A Comparative Study of Adaptive Filtering Strategies for Hybrid Energy Storage Systems in Electric Vehicles. Energies, 2021, 14, 3373.	1.6	13
7	IEEE VTS Motor Vehicles Challenge 2021 - Energy Management of A Dual-Motor All-Wheel Drive Electric Vehicle. , 2020, , .		13
8	Real-Time Energy Management of Parallel Hybrid Electric Vehicles Using Linear Quadratic Regulation. Energies, 2020, 13, 5538.	1.6	10
9	Finite Element Analysis, modeling and torque distribution control for Switched Reluctance Motors with high non-linear inductance characteristics. , 2011, , .		9
10	Effect of battery voltage variation on electric vehicle performance driven by induction machine with optimal flux-weakening strategy. IET Electrical Systems in Transportation, 2020, 10, 351-359.	1.5	9
11	Powertrain Analysis of an All-Wheel-Drive Off-Road Electric Vehicle. , 2019, , .		8
12	An Optimal Control-Based Strategy for Energy Management of Electric Vehicles Using Battery/Supercapacitor. , 2017, , .		7
13	An EMR of Tire-Road Interaction Based-On "Magic Formula" for Modeling of Electric Vehicles. , 2015, , .		6
14	Improved Voltage Limitation Method of Supercapacitors in Electric Vehicle Applications. , 2016, , .		5
15	Optimal Energy Management of a Parallel Hybrid Truck for Fuel Consumption Comparative Study. , 2018, , .		5
16	Experimental Platform for Evaluation of On-Board Real-Time Motion Controllers for Electric Vehicles. Energies, 2020, 13, 6448.	1.6	5
17	Dynamical Delay Unification of Disturbance Observation Techniques for PMSM Drives Control. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5560-5571.	3.7	5
18	Impact of Supercapacitors on Fuel Consumption and Battery Current of a Parallel Hybrid Truck. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Different Voltage and Current Control Schemes for Multi-pack Battery of Electric Scooters. , 2020, , .		3
20	High Performance Current Control of IPMSM for Electric Vehicles Drives Using Disturbance Observer. , 2015, , .		2
21	Bi-Level Optimal Energy Management of a Hybrid Truck Supplied by Batteries and Supercapacitors. , 2018, , .		2
22	Merging control of a hybrid energy storage system using battery/supercapacitor for electric vehicle application. , 2018, , .		1
23	Impact of Battery Temperature on Motor Flux Weakening Operations in Electric Vehicles. , 2019, , .		1
24	Optimal Energy Management of a Dual-motor Electric Vehicle using Dynamic Programming. , 2021, , .		0