

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	Dynamical Delay Unification of Disturbance Observation Techniques for PMSM Drives Control. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5560-5571.	3.7	5
2	Multi-objective benchmark for energy management of dual-source electric vehicles: An optimal control approach. Energy, 2021, 223, 119857.	4.5	23
3	A Comparative Study of Adaptive Filtering Strategies for Hybrid Energy Storage Systems in Electric Vehicles. Energies, 2021, 14, 3373.	1.6	13
4	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
5	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
6	Optimal Energy Management of a Dual-motor Electric Vehicle using Dynamic Programming. , 2021, , .		0
7	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
8	Experimental Platform for Evaluation of On-Board Real-Time Motion Controllers for Electric Vehicles. Energies, 2020, 13, 6448.	1.6	5
9	Real-Time Energy Management of Parallel Hybrid Electric Vehicles Using Linear Quadratic Regulation. Energies, 2020, 13, 5538.	1.6	10
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	Different Voltage and Current Control Schemes for Multi-pack Battery of Electric Scooters. , 2020, , .		3
12	IEEE VTS Motor Vehicles Challenge 2021 - Energy Management of A Dual-Motor All-Wheel Drive Electric Vehicle. , 2020, , .		13
13	Impact of Supercapacitors on Fuel Consumption and Battery Current of a Parallel Hybrid Truck. , 2019, , .		3
14	Impact of Battery Temperature on Motor Flux Weakening Operations in Electric Vehicles. , 2019, , .		1
15	Powertrain Analysis of an All-Wheel-Drive Off-Road Electric Vehicle. , 2019, , .		8
16	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
17	Bi-Level Optimal Energy Management of a Hybrid Truck Supplied by Batteries and Supercapacitors. , 2018, , .		2
18	Merging control of a hybrid energy storage system using battery/supercapacitor for electric vehicle application. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Optimal Energy Management of a Parallel Hybrid Truck for Fuel Consumption Comparative Study. , 2018, , .		5
20	An Optimal Control-Based Strategy for Energy Management of Electric Vehicles Using Battery/Supercapacitor. , 2017, , .		7
21	Improved Voltage Limitation Method of Supercapacitors in Electric Vehicle Applications. , 2016, , .		5
22	High Performance Current Control of IPMSM for Electric Vehicles Drives Using Disturbance Observer. , 2015, , .		2
23	An EMR of Tire-Road Interaction Based-On "Magic Formula" for Modeling of Electric Vehicles. , 2015, , .		6
24	Finite Element Analysis, modeling and torque distribution control for Switched Reluctance Motors with high non-linear inductance characteristics. , 2011, , .		9