

Chang-Qing Du

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

500
citations

1039880

9
h-index

996849

15
g-index

22
all docs

22
docs citations

22
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	A Moment-of-Inertia-Driven Engine Start-Up Strategy for Four-Wheel-Drive Hybrid Electric Vehicles. IEEE Transactions on Transportation Electrification, 2022, 8, 3320-3335.	5.3	2
2	Cyber-Physical Data Fusion in Surrogate- Assisted Strength Pareto Evolutionary Algorithm for PHEV Energy Management Optimization. IEEE Transactions on Industrial Informatics, 2022, 18, 4107-4117.	7.2	17
3	Research on Co-Estimation Algorithm of SOC and SOH for Lithium-Ion Batteries in Electric Vehicles. Electronics (Switzerland), 2022, 11, 181.	1.8	12
4	Two parameters identification for polarization curve fitting of <scp>PEMFC</scp> based on genetic algorithm. International Journal of Energy Research, 2022, 46, 9621-9633.	2.2	6
5	Numerical study on purge characteristics and purge strategy for <scp>PEMFC</scp> hydrogen system based on exhaust hydrogen recirculation. International Journal of Energy Research, 2022, 46, 11424-11442.	2.2	7
6	Co-Simulation and Modeling of PMSM Based on Ansys Software and Simulink for EVs. World Electric Vehicle Journal, 2022, 13, 4.	1.6	14
7	Optimization of Energy Management Strategy for Fuel Cell Hybrid Electric Vehicles Based on Dynamic Programming. Energies, 2022, 15, 4325.	1.6	26
8	Enhancement effects of the side blockage arrangement in the flow channel on the performance of a proton exchange membrane fuel cell. International Journal of Energy Research, 2022, 46, 16777-16790.	2.2	5
9	A comparative study of the influence of different open circuit voltage tests on model-based state of charge estimation for lithium-ion batteries. International Journal of Energy Research, 2021, 45, 13692-13711.	2.2	36
10	A two-term energy management strategy of hybrid electric vehicles for power distribution and gear selection with intelligent state-of-charge reference. Journal of Energy Storage, 2021, 42, 103054.	3.9	17
11	A quantitative analysis of model predictive control as energy management strategy for hybrid electric vehicles: A review. Energy Reports, 2021, 7, 6733-6755.	2.5	24
12	Cross-Domain Collaborative Oscillation Control Strategy for a Hybrid Driveline Based on the Integration of a Notch Filter, PI filter, and Backlash Estimator. IFAC-PapersOnLine, 2021, 54, 540-545.	0.5	1
13	A Moment-of-Inertia-Driven Engine Start-Up Method Based on Adaptive Model Predictive Control for Hybrid Electric Vehicles With Drivability Optimization. IEEE Access, 2020, 8, 133063-133075.	2.6	10
14	Fast velocity trajectory planning and control algorithm of intelligent 4WD electric vehicle for energy saving using time-based MPC. IET Intelligent Transport Systems, 2019, 13, 153-159.	1.7	26
15	Drivability-Related Discrete-Time Model Predictive Control of Mode Transition in Pre-Transmission Parallel Hybrid Powertrains. Energies, 2016, 9, 740.	1.6	6
16	A comprehensive analysis of energy management strategies for hybrid electric vehicles based on bibliometrics. Renewable and Sustainable Energy Reviews, 2015, 48, 88-104.	8.2	278
17	Energy efficiency of a Ni-MH battery used in hybrid electric vehicles. , 2011, , .		1
18	Influence of practical complications on energy efficiency of the vehicle's lithium-ion batteries. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
19	Research on energy efficiency of the vehicle's battery pack. , 2011, , .		1
20	Notice of Retraction: Development Platform for the Control System of Hybrid Electric vehicles Powertrain. , 2010, , .		0
21	Series and Parallel Hybrid System Performance Comparison Based on the City bus Cycle. , 2009, , .		2
22	Smooth Mode-Switch Control for the Powertrain of Parallel Hybrid Electric Vehicle. , 2009, , .		4