

Chao

List of Publications by Year in descending order

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24
papers

1,016
citations

759233

12
h-index

996975

15
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all docs

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docs citations

24
times ranked

782
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Speed Planning of Connected and Automated Vehicles Using Multi-Light Trained Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 3533-3546.	6.3	21
2	Research on Fuel Cell Fault Diagnosis Based on Genetic Algorithm Optimization of Support Vector Machine. Energies, 2022, 15, 2294.	3.1	10
3	An experimental study on the mechanical characteristics of Li-ion battery during overcharge-induced thermal runaway. International Journal of Energy Research, 2021, 45, 19985-20000.	4.5	12
4	Guided model predictive control for connected vehicles with hybrid energy systems. Energy, 2021, 230, 120780.	8.8	10
5	Adaptive State-of-Charge Estimation for Lithium-Ion Batteries by Considering Capacity Degradation. Electronics (Switzerland), 2021, 10, 122.	3.1	26
6	Connected PHEV Energy Management based on Global Driving Cycle Construction. , 2021, , .		0
7	Alternating Direction Method of Multipliers Improved Online Power Management in a Fuel Cell Hybrid Bus. , 2021, , .		0
8	ADRC-based Control of Pan-tilt System for Automated Vehicle Sensors. , 2021, , .		1
9	Estimation of Optimal Energy Consumption for Fuel Cell Vehicle Based on Macroscopic Traffic Dynamics. , 2021, , .		0
10	Hot-start based Fast Speed Planning for Eco-Driving of Intelligent Vehicles. , 2021, , .		0
11	SoC Planner for Predictive Energy Management of Fuel Cell Vehicles. , 2021, , .		0
12	ARIMA-Based Road Gradient and Vehicle Velocity Prediction for Hybrid Electric Vehicle Energy Management. IEEE Transactions on Vehicular Technology, 2019, 68, 5309-5320.	6.3	94
13	Fast Battery SoC Trajectory Planning for Predictive Energy Management of PHEBs. , 2019, , .		1
14	Improved Real-Time Velocity Prediction by Considering Preceding Vehicle Dynamics. , 2019, , .		1
15	Real-time global driving cycle construction and the application to economy driving pro system in plug-in hybrid electric vehicles. Energy, 2018, 152, 95-107.	8.8	77
16	Stochastic Model Predictive Control of Air Conditioning System for Electric Vehicles: Sensitivity Study, Comparison, and Improvement. IEEE Transactions on Industrial Informatics, 2018, 14, 4179-4189.	11.3	28
17	Tolerance analysis of electrified vehicles on the motor demagnetization fault: From an energy perspective. Applied Energy, 2018, 227, 239-248.	10.1	12
18	Predictive air-conditioner control for electric buses with passenger amount variation forecast. Applied Energy, 2018, 227, 249-261.	10.1	42

#	ARTICLE	IF	CITATIONS
19	Road Grade Prediction for Predictive Energy Management in Hybrid Electric Vehicles. Energy Procedia, 2017, 105, 2438-2444.	1.8	13
20	Freeway Driving Cycle Construction Based on Real-Time Traffic Information and Global Optimal Energy Management for Plug-In Hybrid Electric Vehicles. Energies, 2017, 10, 1796.	3.1	17
21	Efficiency Decrease Estimation of a Permanent Magnet Synchronous Machine with Demagnetization Faults. Energy Procedia, 2017, 105, 2718-2724.	1.8	15
22	Dynamic Traffic Feedback Data Enabled Energy Management in Plug-in Hybrid Electric Vehicles. IEEE Transactions on Control Systems Technology, 2015, 23, 1075-1086.	5.2	239
23	Velocity Predictors for Predictive Energy Management in Hybrid Electric Vehicles. IEEE Transactions on Control Systems Technology, 2015, 23, 1197-1204.	5.2	378
24	Integrating traffic velocity data into predictive energy management of plug-in hybrid electric vehicles. , 2015, , .		19