

Long Zhou

List of Publications by Year in descending order

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13
papers

845
citations

840776

11
h-index

1125743

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13
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	State-of-charge inconsistency estimation of lithium-ion battery pack using mean-difference model and extended Kalman filter. <i>Journal of Power Sources</i> , 2018, 383, 50-58.	7.8	192
2	A comparative study of global optimization methods for parameter identification of different equivalent circuit models for Li-ion batteries. <i>Electrochimica Acta</i> , 2019, 295, 1057-1066.	5.2	168
3	A study on parameter variation effects on battery packs for electric vehicles. <i>Journal of Power Sources</i> , 2017, 364, 242-252.	7.8	136
4	Co-estimation of state of charge and state of power for lithium-ion batteries based on fractional variable-order model. <i>Journal of Cleaner Production</i> , 2020, 255, 120203.	9.3	89
5	A hybrid state-of-charge estimation method based on credible increment for electric vehicle applications with large sensor and model errors. <i>Journal of Energy Storage</i> , 2020, 27, 101106.	8.1	54
6	Research on the static experiment of super heavy crude oil demulsification and dehydration using ultrasonic wave and audible sound wave at high temperatures. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 1014-1020.	8.2	53
7	Massive battery pack data compression and reconstruction using a frequency division model in battery management systems. <i>Journal of Energy Storage</i> , 2020, 28, 101252.	8.1	42
8	A study of external surface pressure effects on the properties for lithium-ion pouch cells. <i>International Journal of Energy Research</i> , 2020, 44, 6778-6791.	4.5	30
9	A Fuzzy State-of-Charge Estimation Algorithm Combining Ampere-Hour and an Extended Kalman Filter for Li-Ion Batteries Based on Multi-Model Global Identification. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2028.	2.5	27
10	An All-Region State-of-Charge Estimator Based on Global Particle Swarm Optimization and Improved Extended Kalman Filter for Lithium-Ion Batteries. <i>Electronics (Switzerland)</i> , 2018, 7, 321.	3.1	19
11	Online internal short circuit detection method considering equalization electric quantity for lithium-ion battery pack in electric vehicles. <i>International Journal of Energy Research</i> , 2021, 45, 7326-7340.	4.5	17
12	A Novel Composite Equalizer Based on an Additional Cell for Series-Connected Lithium-Ion Cells. <i>Electronics (Switzerland)</i> , 2018, 7, 366.	3.1	11
13	A comparison study on the removal of paraffin wax deposition plug by ultrasound treatment, chemical demulsifier and combination of ultrasound and chemical demulsifier. <i>Petroleum Science and Technology</i> , 2020, 38, 690-697.	1.5	7