

Shifei Yuan

List of Publications by Year in descending order

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14
papers

449
citations

1162367

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1372195

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all docs

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docs citations

15
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	State of Charge Estimation Using the Extended Kalman Filter for Battery Management Systems Based on the ARX Battery Model. <i>Energies</i> , 2013, 6, 444-470.	1.6	125
2	A novel method for identification of lithium-ion battery equivalent circuit model parameters considering electrochemical properties. <i>Journal of Power Sources</i> , 2017, 345, 21-29.	4.0	108
3	A transfer function type of simplified electrochemical model with modified boundary conditions and Padé approximation for Li-ion battery: Part 1. lithium concentration estimation. <i>Journal of Power Sources</i> , 2017, 352, 245-257.	4.0	52
4	Model parameter estimation approach based on incremental analysis for lithium-ion batteries without using open circuit voltage. <i>Journal of Power Sources</i> , 2015, 287, 108-118.	4.0	36
5	Stability Analysis for Li-Ion Battery Model Parameters and State of Charge Estimation by Measurement Uncertainty Consideration. <i>Energies</i> , 2015, 8, 7729-7751.	1.6	30
6	A transfer function type of simplified electrochemical model with modified boundary conditions and Padé approximation for Li-ion battery: Part 2. Modeling and parameter estimation. <i>Journal of Power Sources</i> , 2017, 352, 258-271.	4.0	29
7	Energy management strategy for a parallel hybrid electric vehicle equipped with a battery/ultra-capacitor hybrid energy storage system. <i>Journal of Zhejiang University: Science A</i> , 2013, 14, 535-553.	1.3	24
8	Online Estimation of Electrochemical Impedance Spectra for Lithium-Ion Batteries via Discrete Fractional Order Model. , 2013, , .		15
9	A Lithium-Ion Battery Fractional Order State Space Model and its Time Domain System Identification. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 795-805.	0.3	10
10	Multi-Objective Optimization Considering Battery Degradation for a Multi-Mode Power-Split Electric Vehicle. <i>Energies</i> , 2017, 10, 975.	1.6	7
11	Development and Simulation of a Type of Four-Shaft ECVT for a Hybrid Electric Vehicle. <i>Energies</i> , 2016, 9, 141.	1.6	6
12	Electro-Thermal Modeling and Experimental Verification for 18650 Li-Ion Cell. , 2016, , .		5
13	Electro-Thermal Modeling and Cooling Optimization for 18650 Battery Pack. , 2016, , .		1
14	Parameter Estimation of Simplified Electrochemical Model under Multiple Temperatures. , 2016, , .		1