

# Shifei Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/813220/publications.pdf>

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14  
papers

449  
citations

1162367

8  
h-index

1372195

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

496  
citing authors

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