

# Sida Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9627369/publications.pdf>

Version: 2024-02-01

10  
papers

197  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on inconsistency and equalization technology of lithium-ion battery for electric vehicles. International Journal of Energy Research, 2020, 44, 11059-11087.	4.5	76
2	A parameter adaptive method for state of charge estimation of lithium-ion batteries with an improved extended Kalman filter. Scientific Reports, 2021, 11, 5805.	3.3	44
3	Strategies and characterization methods for achieving high performance PEO-based solid-state lithium-ion batteries. Chemical Communications, 2022, 58, 8182-8193.	4.1	24
4	An Authentication and Secure Communication Scheme for In-Vehicle Networks Based on SOME/IP. Sensors, 2022, 22, 647.	3.8	16
5	Design of a CANFD to SOME/IP Gateway Considering Security for In-Vehicle Networks. Sensors, 2021, 21, 7917.	3.8	12
6	Essential technologies on the direct cooling thermal management system for electric vehicles. International Journal of Energy Research, 2021, 45, 14436-14464.	4.5	9
7	A Comprehensive Evaluation on Variable Sampling Intervals of Power Battery System for Electric Vehicles. IEEE Access, 2020, 8, 156232-156243.	4.2	6
8	An Innovative State-of-charge Estimation Method of Lithium-ion Battery Based on 5th-order Cubature Kalman Filter. Automotive Innovation, 2021, 4, 448.	5.1	6
9	A Novel Method of Developing Driving Cycle for Electric Vehicles to Evaluate the Private Driving Habits. IEEE Access, 2021, 9, 46476-46486.	4.2	4
10	High efficiency electric vehicle charging strategy based on model predictive control. , 2019, , .		0