

Ruifeng Zhang

List of Publications by Year in descending order

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13
papers

683
citations

1039880

9
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the Art of Lithium-Ion Battery SOC Estimation for Electrical Vehicles. <i>Energies</i> , 2018, 11, 1820.	1.6	181
2	A Study on the Open Circuit Voltage and State of Charge Characterization of High Capacity Lithium-Ion Battery Under Different Temperature. <i>Energies</i> , 2018, 11, 2408.	1.6	137
3	State of charge estimation of lithium-ion batteries using optimized Levenberg-Marquardt wavelet neural network. <i>Energy</i> , 2018, 153, 694-705.	4.5	121
4	A Cubature Particle Filter Algorithm to Estimate the State of the Charge of Lithium-Ion Batteries Based on a Second-Order Equivalent Circuit Model. <i>Energies</i> , 2017, 10, 457.	1.6	64
5	A method for connected vehicle trajectory prediction and collision warning algorithm based on V2V communication. <i>International Journal of Crashworthiness</i> , 2017, 22, 15-25.	1.1	49
6	A Comparative Study of Three Improved Algorithms Based on Particle Filter Algorithms in SOC Estimation of Lithium Ion Batteries. <i>Energies</i> , 2017, 10, 1149.	1.6	43
7	A Novel Observer for Lithium-Ion Battery State of Charge Estimation in Electric Vehicles Based on a Second-Order Equivalent Circuit Model. <i>Energies</i> , 2017, 10, 1150.	1.6	36
8	Study on the Characteristics of a High Capacity Nickel Manganese Cobalt Oxide (NMC) Lithium-Ion Battery—An Experimental Investigation. <i>Energies</i> , 2018, 11, 2275.	1.6	27
9	Online Parameter Identification of Lithium-Ion Batteries Using a Novel Multiple Forgetting Factor Recursive Least Square Algorithm. <i>Energies</i> , 2018, 11, 3180.	1.6	17
10	A proposed vision and vehicle-to-infrastructure communication-based vehicle positioning approach. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2017, 21, 123-135.	2.6	4
11	Evaluation of driver lower extremity injuries in 16 oblique crashes with THOR. <i>International Journal of Crashworthiness</i> , 2016, 21, 120-134.	1.1	2
12	Development of a test equipment for rating front to rear-end collisions based on C-NCAP-2018. <i>International Journal of Crashworthiness</i> , 2020, , 1-11.	1.1	2
13	Frontal Crash Protection Performance of Integrated Child Safety Seat. , 0, , .		0