Ruifeng Zhang

List of Publications by Year
in descending order

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