Zeyu Chen

List of Publications by Year
in descending order

17	952	840728	1199563
papers	citations	11	12
		h-index	g-index

17	17	17	874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current sensor fault diagnosis method based on an improved equivalent circuit battery model. Applied Energy, 2022, 310, 118588.	10.1	52
2	A Model-Based Sensor Fault Diagnosis Scheme for Batteries in Electric Vehicles. Energies, 2021, 14, 829.	3.1	18
3	A Fusion-Based Method of State-of-Charge Online Estimation for Lithium-Ion Batteries Under Low Capacity Conditions. Frontiers in Energy Research, 2021, 9, .	2.3	4
4	Online Fault Diagnosis of External Short Circuit for Lithium-Ion Battery Pack. IEEE Transactions on Industrial Electronics, 2020, 67, 1081-1091.	7.9	125
5	Optimal Energy Management of Plug-In Hybrid Electric Vehicles Concerning the Entire Lifespan of Lithium-Ion Batteries. Energies, 2020, 13, 2543.	3.1	14
6	Optimization-based method to develop practical driving cycle for application in electric vehicle power management: A case study in Shenyang, China. Energy, 2019, 186, 115766.	8.8	28
7	Temperature rise prediction of lithium-ion battery suffering external short circuit for all-climate electric vehicles application. Applied Energy, 2018, 213, 375-383.	10.1	118
8	Online Estimation of State of Power for Lithium-Ion Batteries in Electric Vehicles Using Genetic Algorithm. IEEE Access, 2018, 6, 20868-20880.	4.2	47
9	A fractional-order model-based battery external short circuit fault diagnosis approach for all-climate electric vehicles application. Journal of Cleaner Production, 2018, 187, 950-959.	9.3	142
10	Regenerative braking control strategy for a hybrid electric vehicle with rear axle electric drive. , 2017, , .		14
11	Energy management of plug-in hybrid electric vehicle based on simulated annealing algorithm. , 2017, , .		3
12	Online estimation of state of power for lithium-ion battery considering the battery aging. , 2017, , .		4
13	Research on influence of battery aging on energy management economy for plug-in hybrid electric vehicle. , 2017, , .		3
14	Model-based fault diagnosis approach on external short circuit of lithium-ion battery used in electric vehicles. Applied Energy, 2016, 184, 365-374.	10.1	150
15	Particle swarm optimization-based optimal power management of plug-in hybrid electric vehicles considering uncertain driving conditions. Energy, 2016, 96, 197-208.	8.8	210
16	Online Energy Management of Plug-In Hybrid Electric Vehicles for Prolongation of All-Electric Range Based on Dynamic Programming. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	19
17	Constructing the real-world driving cycle for electric vehicle applications: A comparative study. Transactions of the Institute of Measurement and Control, 0, , 014233122210943.	1.7	1