Yinjiao Xing

List of Publications by Year
in descending order

22 papers	2,729 citations	623188 14 h-index	839053 18 g-index
22 all docs	22 docs citations	22 times ranked	2077 citing authors

#	Article	IF	Citations
1	IEEE Access Special Section Editorial: Battery Energy Storage and Management Systems. IEEE Access, 2020, 8, 123098-123103.	2.6	1
2	Accelerated degradation model for C-rate loading of lithium-ion batteries. International Journal of Electrical Power and Energy Systems, 2019, 107, 438-445.	3.3	72
3	A parameter estimation method for a simplified electrochemical model for Li-ion batteries. Electrochimica Acta, 2018, 275, 50-58.	2.6	61
4	An adaptive state of charge estimation approach for lithium-ion series-connected battery system. Journal of Power Sources, 2018, 392, 48-59.	4.0	49
5	<italic>In-Situ</italic> Observations of Lithium Dendrite Growth. IEEE Access, 2018, 6, 8387-8393.	2.6	41
6	Evaluation of Present Accelerated Temperature Testing and Modeling of Batteries. Applied Sciences (Switzerland), 2018, 8, 1786.	1.3	12
7	Analysis of Manufacturing-Induced Defects and Structural Deformations in Lithium-Ion Batteries Using Computed Tomography. Energies, 2018, 11, 925.	1.6	68
8	A Unique Failure Mechanism in the Nexus 6P Lithium-Ion Battery. Energies, 2018, 11, 841.	1.6	7
9	Prognostics of Li(NiMnCo)O2-based lithium-ion batteries using a novel battery degradation model. Microelectronics Reliability, 2017, 70, 70-78.	0.9	89
10	Preliminary Study on Integration of Fiber Optic Bragg Grating Sensors in Li-Ion Batteries and In Situ Strain and Temperature Monitoring of Battery Cells. Energies, 2017, 10, 838.	1.6	56
11	Safety Requirements for Transportation of Lithium Batteries. Energies, 2017, 10, 793.	1.6	43
12	Novel Parametric Circuit Modeling for Li-Ion Batteries. Energies, 2016, 9, 539.	1.6	10
13	Influence of different open circuit voltage tests on state of charge online estimation for lithium-ion batteries. Applied Energy, 2016, 183, 513-525.	5.1	342
14	A comparative study of three model-based algorithms for estimating state-of-charge of lithium-ion batteries under a new combined dynamic loading profile. Applied Energy, 2016, 164, 387-399.	5.1	159
15	State of charge estimation of lithium-ion batteries using the open-circuit voltage at various ambient temperatures. Applied Energy, 2014, 113, 106-115.	5.1	623
16	A naive Bayes model for robust remaining useful life prediction of lithium-ion battery. Applied Energy, 2014, 118, 114-123.	5.1	260
17	An ensemble model for predicting the remaining useful performance of lithium-ion batteries. Microelectronics Reliability, 2013, 53, 811-820.	0.9	427
18	A case study on battery life prediction using particle filtering. , 2012, , .		9

#	Article	IF	Citations
19	Influence of parameter initialization on battery life prediction for online applications. , 2012, , .		3
20	Prognostics and health monitoring for lithium-ion battery. , 2011, , .		16
21	A comparative review of prognostics-based reliability methods for Lithium batteries. , 2011, , .		10
22	Battery Management Systems in Electric and Hybrid Vehicles. Energies, 2011, 4, 1840-1857.	1.6	371