Daming Zhou

List of Publications by Year
in descending order

24 papers	1,271 citations	567281 15 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	1074 citing authors

#	Article	IF	Citations
1	Online energy management strategy of fuel cell hybrid electric vehicles based on data fusion approach. Journal of Power Sources, 2017, 366, 278-291.	7.8	159
2	Online Energy Management Strategy of Fuel Cell Hybrid Electric Vehicles: A Fractional-Order Extremum Seeking Method. IEEE Transactions on Industrial Electronics, 2018, 65, 6787-6799.	7.9	144
3	Online remaining useful lifetime prediction of proton exchange membrane fuel cells using a novel robust methodology. Journal of Power Sources, 2018, 399, 314-328.	7.8	103
4	A comparative study of extremum seeking methods applied to online energy management strategy of fuel cell hybrid electric vehicles. Energy Conversion and Management, 2017, 151, 778-790.	9.2	102
5	Degradation prediction of PEM fuel cell using a moving window based hybrid prognostic approach. Energy, 2017, 138, 1175-1186.	8.8	95
6	Multi-objective active distribution networks expansion planning by scenario-based stochastic programming considering uncertain and random weight of network. Applied Energy, 2018, 219, 207-225.	10.1	89
7	Deep learning based prognostic framework towards proton exchange membrane fuel cell for automotive application. Applied Energy, 2021, 281, 115937.	10.1	75
8	A Robust Prognostic Indicator for Renewable Energy Technologies: A Novel Error Correction Grey Prediction Model. IEEE Transactions on Industrial Electronics, 2019, 66, 9312-9325.	7.9	72
9	Online Estimation of Lithium Polymer Batteries State-of-Charge Using Particle Filter-Based Data Fusion With Multimodels Approach. IEEE Transactions on Industry Applications, 2016, 52, 2582-2595.	4.9	70
10	Degradation Prediction of PEM Fuel Cell Stack Based on Multiphysical Aging Model With Particle Filter Approach. IEEE Transactions on Industry Applications, 2017, 53, 4041-4052.	4.9	64
11	Global parameters sensitivity analysis and development of a two-dimensional real-time model of proton-exchange-membrane fuel cells. Energy Conversion and Management, 2018, 162, 276-292.	9.2	61
12	Parameter Sensitivity Analysis for Fractional-Order Modeling of Lithium-Ion Batteries. Energies, 2016, 9, 123.	3.1	52
13	Dynamic Phenomena Coupling Analysis and Modeling of Proton Exchange Membrane Fuel Cells. IEEE Transactions on Energy Conversion, 2016, 31, 1399-1412.	5.2	50
14	Study of the modeling parameter effects on the polarization characteristics of the PEM fuel cell. International Journal of Hydrogen Energy, 2016, 41, 22316-22327.	7.1	33
15	A novel fault diagnostic method in power converters for wind power generation system. Applied Energy, 2020, 266, 114851.	10.1	32
16	Online energy management strategy of fuel cell hybrid electric vehicles based on time series prediction. , 2017, , .		18
17	Tridiagonal Matrix Algorithm for Real-Time Simulation of a Two-Dimensional PEM Fuel Cell Model. IEEE Transactions on Industrial Electronics, 2018, 65, 7106-7118.	7.9	14
18	Design of two-impulse Earth–Moon transfers using differential correction approach. Aerospace Science and Technology, 2017, 60, 183-192.	4.8	12

#	Article	IF	Citations
19	Development of a Multiphysical 2-D Model of a PEM Fuel Cell for Real-Time Control. IEEE Transactions on Industry Applications, 2018, 54, 4864-4874.	4.9	10
20	On-line estimation of lithium polymer batteries state-of-charge using particle filter based data fusion with multi-models approach. , 2015, , .		5
21	Degradation prediction of PEM fuel cell stack based on multi-physical aging model with particle filter approach. , 2016, , .		5
22	Dynamic variable coupling analysis and modeling of proton exchange membrane fuel cells for water and thermal management. , 2016, , .		4
23	Development of a multiphysical multidimensional modeling of proton exchange membrane fuel cell. , 2016, , .		1
24	Development of a multi-physical 2-D model of PEM fuel cell for real-time control. , 2017, , .		1