

# Daming Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Deep learning based prognostic framework towards proton exchange membrane fuel cell for automotive application. Applied Energy, 2021, 281, 115937.	10.1	75
2	A novel fault diagnostic method in power converters for wind power generation system. Applied Energy, 2020, 266, 114851.	10.1	32
3	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
4	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
5	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
6	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
7	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
8	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
9	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
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	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
12	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
13	Degradation prediction of PEM fuel cell using a moving window based hybrid prognostic approach. Energy, 2017, 138, 1175-1186.	8.8	95
14	Online energy management strategy of fuel cell hybrid electric vehicles based on time series prediction. , 2017, , .		18
15	Design of two-impulse Earth-Moon transfers using differential correction approach. Aerospace Science and Technology, 2017, 60, 183-192.	4.8	12
16	Development of a multi-physical 2-D model of PEM fuel cell for real-time control. , 2017, , .		1
17	Parameter Sensitivity Analysis for Fractional-Order Modeling of Lithium-Ion Batteries. Energies, 2016, 9, 123.	3.1	52
18	Degradation prediction of PEM fuel cell stack based on multi-physical aging model with particle filter approach. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Development of a multiphysical multidimensional modeling of proton exchange membrane fuel cell. , 2016, , .		1
20	Dynamic Phenomena Coupling Analysis and Modeling of Proton Exchange Membrane Fuel Cells. IEEE Transactions on Energy Conversion, 2016, 31, 1399-1412.	5.2	50
21	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
22	Dynamic variable coupling analysis and modeling of proton exchange membrane fuel cells for water and thermal management. , 2016, , .		4
23	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
24	On-line estimation of lithium polymer batteries state-of-charge using particle filter based data fusion with multi-models approach. , 2015, , .		5