

Yunsong Wu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

304
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of liquid water in a lung-inspired flow-field based polymer electrolyte membrane fuel cell via neutron radiography. <i>Energy</i> , 2019, 170, 14-21.	8.8	74
2	Effect of serpentine flow-field design on the water management of polymer electrolyte fuel cells: An in-operando neutron radiography study. <i>Journal of Power Sources</i> , 2018, 399, 254-263.	7.8	53
3	Characterization of water management in metal foam flow-field based polymer electrolyte fuel cells using in-operando neutron radiography. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 2195-2205.	7.1	41
4	Effect of cell compression on the water dynamics of a polymer electrolyte fuel cell using in-plane and through-plane in-operando neutron radiography. <i>Journal of Power Sources</i> , 2019, 439, 227074.	7.8	26
5	Operando flow regime diagnosis using acoustic emission in a polymer electrolyte membrane water electrolyser. <i>Journal of Power Sources</i> , 2019, 424, 138-149.	7.8	25
6	Effect of compression on the water management of polymer electrolyte fuel cells: An in-operando neutron radiography study. <i>Journal of Power Sources</i> , 2019, 412, 597-605.	7.8	25
7	Investigation of water generation and accumulation in polymer electrolyte fuel cells using hydro-electrochemical impedance imaging. <i>Journal of Power Sources</i> , 2019, 414, 272-277.	7.8	21
8	Multi-length scale characterization of compression on metal foam flow-field based fuel cells using X-ray computed tomography and neutron radiography. <i>Energy Conversion and Management</i> , 2021, 230, 113785.	9.2	19
9	Multi-length scale microstructural design of micro-tubular Solid Oxide Fuel Cells for optimised power density and mechanical robustness. <i>Journal of Power Sources</i> , 2019, 434, 226744.	7.8	10
10	Diagnosing Stagnant Gas Bubbles in a Polymer Electrolyte Membrane Water Electrolyser Using Acoustic Emission. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	10
11	Visualization of Liquid Water in a Metal Foam Flow-Field Based Polymer Electrolyte Fuel Cell Via Neutron Radiography. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0