

Zhi Long

List of Publications by Year in descending order

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14
papers

196
citations

1040056

9
h-index

1058476

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all docs

14
docs citations

14
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Protocol for synthesis and characterization of ePTFE reinforced, sulfonated polyphenylene in the application to proton exchange membrane fuel cells. <i>STAR Protocols</i> , 2022, 3, 101049.	1.2	1
2	High-Performance Fuel Cell Operable at 120 °C Using Polyphenylene Ionomer Membranes with Improved Interfacial Compatibility. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15366-15372.	8.0	25
3	ePTFE reinforced, sulfonated aromatic polymer membranes enable durable, high-temperature operable PEMFCs. <i>IScience</i> , 2021, 24, 102962.	4.1	17
4	Proton exchange membranes containing densely sulfonated quinquephenylene groups for high performance and durable fuel cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12134-12140.	10.3	27
5	Sulfonated Poly(arylene perfluoroalkylene) Terpolymers as Novel Proton Exchange Membranes for High Performance Fuel Cells. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 338-344.	3.2	10
6	Ladder-type sulfonated poly(arylene perfluoroalkylene)s for high performance proton exchange membrane fuel cells. <i>RSC Advances</i> , 2020, 10, 41058-41064.	3.6	2
7	Partially Fluorinated Polyphenylene Ionomers as Proton Exchange Membranes for Fuel Cells: Effect of Pendant Multi-Sulfophenylene Groups. <i>ACS Applied Energy Materials</i> , 2019, 2, 7527-7534.	5.1	22
8	Effect of Alkanediol Additives on the Properties of Polyphenylene-Based Proton Exchange Membranes. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9915-9920.	3.7	7
9	Si@C Microsphere Composite with Multiple Buffer Structures for High-Performance Lithium-Ion Battery Anodes. <i>Chemistry - A European Journal</i> , 2018, 24, 12912-12919.	3.3	28
10	In-situ precise electrocatalytic behaviors of Pt/C and PtRu/C for methanol oxidation of DMFCs via the designed micro-MEA. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 12413-12419.	7.1	11
11	Micro-Membrane Electrode Assembly Design to Precisely Measure the in Situ Activity of Oxygen Reduction Reaction Electrocatalysts for PEMFC. <i>Analytical Chemistry</i> , 2017, 89, 6309-6313.	6.5	9
12	Micro Galvanic Cell To Generate PtO and Extend the Triple-Phase Boundary during Self-Assembly of Pt/C and Nafion for Catalyst Layers of PEMFC. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38165-38169.	8.0	11
13	A 3D pore-nest structured silicon-carbon composite as an anode material for high performance lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1996-2004.	6.0	17
14	Cathode catalytic dependency behavior on ionomer content in direct methanol fuel cells. <i>Chinese Journal of Catalysis</i> , 2016, 37, 988-993.	14.0	9