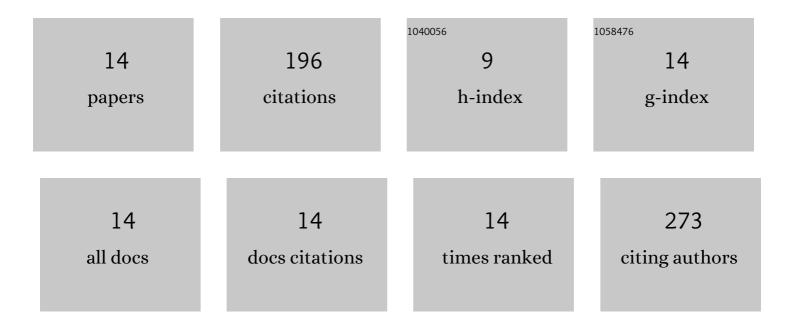
Zhi Long

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10058795/publications.pdf Version: 2024-02-01



741LONC

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