

Shouyi Liu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

143
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on preparation process and durability of gas diffusion layer of proton exchange membrane fuel cell. <i>Ionics</i> , 2022, 28, 1387-1401.	2.4	3
2	Research on new flow channel design for improving water management ability of proton exchange membrane fuel cell. <i>Journal of Materials Science</i> , 2022, 57, 6669-6687.	3.7	3
3	Synergistic effect of hybrid montmorillonite materials on the wear resistance of natural rubber/butadiene rubber composites. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	5
4	Effects of thickness and hydrophobicity of double microporous layer on the performance in proton exchange membrane fuel cells. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50355.	2.6	10
5	Incorporation and optimization of RGO and GO in SSBR/NR composites expands their applicability. <i>Polymers and Polymer Composites</i> , 2021, 29, S411-S421.	1.9	2
6	Optimization of GDL to improve water transferability. <i>Renewable Energy</i> , 2021, 179, 2086-2093.	8.9	16
7	Effect of pore size distribution in the gas diffusion layer adjusted by composite carbon black on fuel cell performance. <i>International Journal of Energy Research</i> , 2021, 45, 7689-7702.	4.5	26
8	Preparation of hierarchical-pore gas diffusion layer for fuel cell. <i>Journal of Materials Science</i> , 2020, 55, 4558-4569.	3.7	22
9	Combined treatments of fiber surface etching/silane-coupling for enhanced mechanical strength of aramid fiber-reinforced rubber blends. <i>Materials Chemistry and Physics</i> , 2020, 255, 123486.	4.0	41
10	Preparation of graded microporous layers for enhanced water management in fuel cells. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49564.	2.6	15