

Shouyi Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3201648/publications.pdf>

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 | 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 |
| 2 | 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 |
| 3 | Preparation of hierarchical-pore gas diffusion layer for fuel cell. <i>Journal of Materials Science</i> , 2020, 55, 4558-4569. | 3.7 | 22 |
| 4 | Optimization of GDL to improve water transferability. <i>Renewable Energy</i> , 2021, 179, 2086-2093. | 8.9 | 16 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |