

Rao Huaxin

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

110
citations

1478505

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1474206

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199
citing authors

#	ARTICLE	IF	CITATIONS
1	High Performance and Self-Humidifying of Novel Cross-Linked and Nanocomposite Proton Exchange Membranes Based on Sulfonated Polysulfone. <i>Nanomaterials</i> , 2022, 12, 841.	4.1	7
2	A graphene oxide polymer brush based cross-linked nanocomposite proton exchange membrane for direct methanol fuel cells. <i>RSC Advances</i> , 2018, 8, 15740-15753.	3.6	34
3	Surface modification of TiO ₂ nanoparticles and preparation of TiO ₂ /PDMS hybrid membrane materials. <i>Polymer Composites</i> , 2017, 38, 1541-1548.	4.6	18
4	Fabrication and biological evaluation in vivo of an injectable keratin hydrogel as filler materials. <i>Journal of Bioactive and Compatible Polymers</i> , 2016, 31, 179-190.	2.1	12
5	Preparation and high oxygen-enriching properties of cross-linking polydimethylsiloxane/SiO ₂ nanocomposite membranes for air purification. <i>AIChE Journal</i> , 2013, 59, 650-655.	3.6	9
6	Enhanced mechanical properties and blood compatibility of PDMS/liquid crystal cross-linked membrane materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 20, 347-353.	3.1	16
7	Effects of supercritical carbon dioxide treatment conditions on the gas separation properties of polydimethylsiloxane hybrid membrane materials for air purification. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2823-2828.	2.6	4
8	Oxygen-enriching properties of a new hybrid membrane cross-linked from PDMS and fluorine-containing silicone resin. <i>Polymer Engineering and Science</i> , 2013, 53, 2328-2335.	3.1	4
9	Preparation, characterization, and permeation property of a liquid crystal/PDMS membrane material. <i>Journal of Applied Polymer Science</i> , 2012, 123, 191-199.	2.6	6