

Rao Huaxin

List of Publications by Year in descending order

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9
papers

110
citations

1478505

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1474206

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9
all docs

9
docs citations

9
times ranked

199
citing authors

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