

Xiaobin Wang

List of Publications by Year in descending order

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14
papers

450
citations

933447

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1125743

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14
docs citations

14
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	A DNA-Threaded ZIF-8 Membrane with High Proton Conductivity and Low Methanol Permeability. <i>Advanced Materials</i> , 2018, 30, 1705155.	21.0	142
2	A photothermal and Fenton active MOF-based membrane for high-efficiency solar water evaporation and clean water production. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22728-22735.	10.3	64
3	Efficiently cogenerating drinkable water and electricity from seawater <i>via</i> flexible MOF nanorod arrays. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9048-9055.	10.3	52
4	Zwitterion threaded metal-organic framework membranes for direct methanol fuel cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19547-19554.	10.3	32
5	Blue metal-organic framework encapsulated denatured R-phycoerythrin proteins for a white-light-emitting thin film. <i>Journal of Materials Chemistry C</i> , 2020, 8, 240-246.	5.5	28
6	Sulfonated Sub-Nanochannels in a Robust MOF Membrane: Harvesting Salinity Gradient Power. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35496-35500.	8.0	26
7	Simultaneous Recovery of Metal Ions and Electricity Harvesting via K-Carrageenan@ZIF-8 Membrane. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34039-34045.	8.0	23
8	Ferrocenyl metal-organic framework hollow microspheres for <i>in situ</i> loading palladium nanoparticles as a heterogeneous catalyst. <i>Dalton Transactions</i> , 2019, 48, 8995-9003.	3.3	23
9	Dual emission from nanoconfined R-phycoerythrin fluorescent proteins for white light emission diodes. <i>RSC Advances</i> , 2019, 9, 9777-9782.	3.6	16
10	A unique photoswitch: intrinsic photothermal heating induced reversible proton conductivity of a HKUST-1 membrane. <i>Dalton Transactions</i> , 2021, 50, 2731-2735.	3.3	12
11	R-phycoerythrin proteins@ZIF-8 composite thin films for mercury ion detection. <i>Analyst</i> , 2019, 144, 3892-3897.	3.5	11
12	Photogated proton conductivity of ZIF-8 membranes co-modified with graphene quantum dots and polystyrene sulfonate. <i>Science China Materials</i> , 2021, 64, 1997-2007.	6.3	10
13	Highly conductive and transparent metal-organic frameworks thin film. <i>Science China Materials</i> , 2019, 62, 1350-1356.	6.3	7
14	Optical-switched proton logic gate: Indocyanine green decorated HSB-W5 MOFs nanosheets. <i>Science China Materials</i> , 0, 1.	6.3	4