

Yongyi Yao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Activity Trends and Mechanisms in Peroxymonosulfate-Assisted Catalytic Production of Singlet Oxygen over Atomic Metal-Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22513-22521.	13.8	239
2	Formation and characterization of polytetrafluoroethylene nanofiber membranes for vacuum membrane distillation. <i>Journal of Membrane Science</i> , 2014, 453, 402-408.	8.2	97
3	Electrochemical performance and thermal stability of the electrospun PTFE nanofiber separator for lithium-ion batteries. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46508.	2.6	54
4	Superhydrophilic electrospun PVDF/PVA-blended nanofiber membrane for microfiltration with ultrahigh water flux. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48416.	2.6	38
5	Activity Trends and Mechanisms in Peroxymonosulfate-Assisted Catalytic Production of Singlet Oxygen over Atomic Metal-Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 22687-22695.	2.0	18
6	pH-Dependent thermoresponsive poly[2-(diethylamino)ethyl acrylamide]-grafted PVDF membranes with switchable wettability for efficient emulsion separation. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49032.	2.6	15
7	Hydrophilic modification of polypropylene membrane via tannic and titanium complexation for high-efficiency oil/water emulsion separation driven by self-gravity. <i>Polymer Engineering and Science</i> , 2022, 62, 2131-2142.	3.1	12
8	Rapid homogenization preparation of the mussel-inspired hydrophilic separator for high power lithium-ion batteries. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49052.	2.6	10
9	High oil absorbable superhydrophobic melamine sponges and evaluation in oil spill cleanup. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49306.	2.6	10
10	Superhydrophobic polytetrafluoroethylene nanofiber membranes prepared by vacuum sintering and their application in vacuum membrane distillation. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49060.	2.6	7
11	Preparation of porous PTFE/C composite foam and its application in gravity-driven oil-water separation. <i>Polymer International</i> , 2022, 71, 874-883.	3.1	5
12	An efficient electrocatalyst for the oxygen evolution reaction: in situ enrichment of cobalt by sulfate-reducing bacteria. <i>Ionics</i> , 2019, 25, 5919-5928.	2.4	0
13	Freeze-casting porous PTFE foam via constant temperature cold source. <i>Journal of Porous Materials</i> , 2021, 28, 1523-1533.	2.6	0