

Shoujian Gao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

3,467
citations

411340

20
h-index

759306

22
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22
docs citations

22
times ranked

3548
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic strength directed self-assembled polyelectrolyte single-bilayer membrane for low-pressure nanofiltration. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 699-708.	2.3	1
2	Double-Defense Design of Super-Anti-Fouling Membranes for Oil/Water Emulsion Separation. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	129
3	Zwitterionic Nanohydrogels-Decorated Microporous Membrane with Ultrasensitive Salt Responsiveness for Controlled Water Transport. <i>Small</i> , 2020, 16, e1903925.	5.2	16
4	Cupric phosphate mineralized polymer membrane with superior cycle stability for oil/water emulsion separation. <i>Journal of Membrane Science</i> , 2020, 612, 118427.	4.1	56
5	Ultrathin Membranes: A New Opportunity for Ultrafast and Efficient Separation. <i>Advanced Materials Technologies</i> , 2020, 5, 1901069.	3.0	37
6	Thin-film nanocomposite nanofiltration membrane with an ultrathin polyamide/UIO-66-NH ₂ active layer for high-performance desalination. <i>Journal of Membrane Science</i> , 2020, 600, 117874.	4.1	89
7	Single-layered GO/LDH hybrid nanoporous membranes with improved stability for salt and organic molecules rejection. <i>Journal of Membrane Science</i> , 2020, 607, 118184.	4.1	30
8	Ultrathin microporous membrane with high oil intrusion pressure for effective oil/water separation. <i>Journal of Membrane Science</i> , 2020, 608, 118201.	4.1	59
9	Ultrathin Polyamide Nanofiltration Membrane Fabricated on Brush-Painted Single-Walled Carbon Nanotube Network Support for Ion Sieving. <i>ACS Nano</i> , 2019, 13, 5278-5290.	7.3	268
10	Hydrogel-embedded tight ultrafiltration membrane with superior anti-dye-fouling property for low-pressure driven molecule separation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2927-2934.	5.2	80
11	Cupric Phosphate Nanosheets-Wrapped Inorganic Membranes with Superhydrophilic and Outstanding Anticrude Oil-Fouling Property for Oil/Water Separation. <i>ACS Nano</i> , 2018, 12, 795-803.	7.3	317
12	Nanoparticle-templated nanofiltration membranes for ultrahigh performance desalination. <i>Nature Communications</i> , 2018, 9, 2004.	5.8	457
13	Layer-by-Layer Construction of Cu ²⁺ /Alginate Multilayer Modified Ultrafiltration Membrane with Bioinspired Superwetting Property for High-Efficient Crude Oil-Water Emulsion Separation. <i>Advanced Functional Materials</i> , 2018, 28, 1801944.	7.8	256
14	Zwitterionic Nanohydrogel Grafted PVDF Membranes with Comprehensive Antifouling Property and Superior Cycle Stability for Oil-Water Emulsion Separation. <i>Advanced Functional Materials</i> , 2018, 28, 1804121.	7.8	379
15	Mineralized growth of Janus membrane with asymmetric wetting property for fast separation of a trace of blood. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4876-4882.	2.9	22
16	A Robust Polyionized Hydrogel with an Unprecedented Underwater Anti-Crude Oil Adhesion Property. <i>Advanced Materials</i> , 2016, 28, 5307-5314.	11.1	346
17	Single-Walled Carbon Nanotube Film Supported Nanofiltration Membrane with a Nearly 10 nm Thick Polyamide Selective Layer for High-Flux and High-Rejection Desalination. <i>Small</i> , 2016, 12, 5034-5041.	5.2	298
18	Thermoresponsive Ultrathin Membranes with Precisely Tuned Nanopores for High-Flux Separation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13607-13614.	4.0	40

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19	Alkaline-induced superhydrophilic/underwater superoleophobic polyacrylonitrile membranes with ultralow oil-adhesion for high-efficient oil/water separation. <i>Journal of Membrane Science</i> , 2016, 513, 67-73.	4.1	154
20	Freestanding Boron Nitride Nanosheet Films for Ultrafast Oil/Water Separation. <i>Small</i> , 2016, 12, 4960-4965.	5.2	40
21	Photothermal-Responsive Single-Walled Carbon Nanotube-Based Ultrathin Membranes for On/Off Switchable Separation of Oil-in-Water Nanoemulsions. <i>ACS Nano</i> , 2015, 9, 4835-4842.	7.3	247
22	An ultrathin bilayer membrane with asymmetric wettability for pressure responsive oil/water emulsion separation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23477-23482.	5.2	146