

Chunlei Su

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11966846/publications.pdf>

Version: 2024-02-01

20
papers

945
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Gypsum scaling in membrane distillation: Impacts of temperature and vapor flux. Desalination, 2022, 525, 115499.	8.2	12
2	Nanoparticle-free and self-healing amphiphobic membrane for anti-surfactant-wetting membrane distillation. Journal of Environmental Sciences, 2021, 100, 298-305.	6.1	14
3	Super-hydrophobic PTFE hollow fiber membrane fabricated by electrospinning of Pullulan/PTFE emulsion for membrane deamination. Separation and Purification Technology, 2021, 274, 118186.	7.9	38
4	Dilute solvent welding: A quick and scalable approach for enhancing the mechanical properties and narrowing the pore size distribution of electrospun nanofibrous membrane. Journal of Membrane Science, 2020, 595, 117548.	8.2	21
5	Removal of chloride ions using a bismuth electrode in capacitive deionization (CDI). Environmental Science: Water Research and Technology, 2020, 6, 373-382.	2.4	34
6	Superiority of a novel flow-electrode capacitive deionization (FCDI) based on a battery material at high applied voltage. Desalination, 2019, 468, 114080.	8.2	55
7	Robust Superhydrophobic Membrane for Membrane Distillation with Excellent Scaling Resistance. Environmental Science & Technology, 2019, 53, 11801-11809.	10.0	157
8	Separation of Caustic Nano-Emulsions and Macromolecular Conformations with Nanofibrous Membranes of Marine Chitin. ACS Applied Materials & Interfaces, 2019, 11, 8576-8583.	8.0	9
9	Highly Effective Scaling Mitigation in Membrane Distillation Using a Superhydrophobic Membrane with Gas Purging. Environmental Science and Technology Letters, 2019, 6, 423-429.	8.7	69
10	Novel PTFE hollow fiber membrane fabricated by emulsion electrospinning and sintering for membrane distillation. Journal of Membrane Science, 2019, 583, 200-208.	8.2	102
11	High-selectivity membrane absorption process for recovery of ammonia with electrospun hollow fiber membrane. Separation and Purification Technology, 2019, 216, 136-146.	7.9	28
12	F-POSS based Omniphobic Membrane for Robust Membrane Distillation. Materials Letters, 2018, 228, 85-88.	2.6	60
13	Fabrication and post-treatment of nanofibers-covered hollow fiber membranes for membrane distillation. Journal of Membrane Science, 2018, 562, 38-46.	8.2	26
14	Application of anion exchange membrane and the effect of its properties on asymmetric membrane capacitive deionization. Separation and Purification Technology, 2018, 207, 387-395.	7.9	32
15	Novel three-dimensional superhydrophobic and strength-enhanced electrospun membranes for long-term membrane distillation. Separation and Purification Technology, 2017, 178, 279-287.	7.9	66
16	Fabrication of a novel nanofibers-covered hollow fiber membrane via continuous electrospinning with non-rotational collectors. Materials Letters, 2017, 204, 8-11.	2.6	21
17	Macropore- and Micropore-Dominated Carbon Derived from Poly(vinyl alcohol) and Polyvinylpyrrolidone for Supercapacitor and Capacitive Deionization. ACS Sustainable Chemistry and Engineering, 2017, 5, 11324-11333.	6.7	61
18	The synergistic effect of organic foulants and their fouling behavior on the nanofiltration separation to multivalent ions. Desalination and Water Treatment, 2016, 57, 29044-29057.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Fabrication of three-dimensional superhydrophobic membranes with high porosity via simultaneous electrospraying and electrospinning. Materials Letters, 2016, 170, 67-71.	2.6	85
20	Amorphous-crystalline TiO ₂ /carbon nanofibers composite electrode by one-step electrospinning for symmetric supercapacitor. Electrochimica Acta, 2016, 190, 678-688.	5.2	53