

Jian Chang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,121
citations

759055

12
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Evaporator with Controlled Salt Precipitation for Zero Liquid Discharge Desalination. Environmental Science & Technology, 2018, 52, 11822-11830.	4.6	249
2	Simultaneous production of fresh water and electricity via multistage solar photovoltaic membrane distillation. Nature Communications, 2019, 10, 3012.	5.8	233
3	A highly flexible and washable nonwoven photothermal cloth for efficient and practical solar steam generation. Journal of Materials Chemistry A, 2018, 6, 7942-7949.	5.2	182
4	Solar-assisted fast cleanup of heavy oil spills using a photothermal sponge. Journal of Materials Chemistry A, 2018, 6, 9192-9199.	5.2	151
5	Sunlight Induced Rapid Oil Absorption and Passive Room-Temperature Release: An Effective Solution toward Heavy Oil Spill Cleanup. Advanced Materials Interfaces, 2018, 5, 1800412.	1.9	68
6	Intelligent environmental nanomaterials. Environmental Science: Nano, 2018, 5, 811-836.	2.2	54
7	SiC-C Composite as a Highly Stable and Easily Regenerable Photothermal Material for Practical Water Evaporation. ACS Sustainable Chemistry and Engineering, 2018, 6, 8192-8200.	3.2	41
8	Polydopamine as a Versatile Adhesive Layer for Robust Fabrication of Smart Surface with Switchable Wettability for Effective Oil/Water Separation. Industrial & Engineering Chemistry Research, 2019, 58, 4838-4843.	1.8	27
9	Poly(ionic liquid)-Armored MXene Membrane: Interlayer Engineering for Facilitated Water Transport. Angewandte Chemie - International Edition, 2022, 61, e202202515.	7.2	27
10	“Mix-Then-On-Demand-Complex” In Situ Cascade Anionization and Complexation of Graphene Oxide for High-Performance Nanofiltration Membranes. ACS Nano, 2021, 15, 4440-4449.	7.3	26
11	Fully Biobased Photothermal Films and Coatings for Indoor Ultraviolet Radiation and Heat Management. ACS Applied Materials & Interfaces, 2022, 14, 12693-12702.	4.0	21
12	A transport channel-regulated MXene membrane via organic phosphonic acids for efficient water permeation. Chemical Communications, 2021, 57, 6245-6248.	2.2	17
13	Smart Sand by Surface Engineering: Toward Controllable Oil/Water Separation. Industrial & Engineering Chemistry Research, 2021, 60, 9475-9481.	1.8	7
14	Ultratough and ultrastrong graphene oxide hybrid films via a polycationitrile approach. Nanoscale Horizons, 2021, 6, 341-347.	4.1	6
15	Tuning the glass transition of siloxane-based poly(ionic liquid)s towards high ion conductivity. Journal of Polymer Science, 2021, 59, 1518-1527.	2.0	5
16	Poly(ionic liquid)-Armored MXene Membrane: Interlayer Engineering for Facilitated Water Transport. Angewandte Chemie, 2022, 134, .	1.6	4
17	One-pot construction of nitrogen-rich polymeric ionic porous networks for effective CO ₂ capture and fixation. Polymer Chemistry, 2021, 13, 121-129.	1.9	3