

Chang Liu

List of Publications by Year in descending order

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19
papers

1,143
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1193
citing authors

#	ARTICLE	IF	CITATIONS
1	The peculiar effect of water on ionic liquids and deep eutectic solvents. <i>Chemical Society Reviews</i> , 2018, 47, 8685-8720.	38.1	346
2	Polyamide nanofilms with linearly-tunable thickness for high performance nanofiltration. <i>Journal of Membrane Science</i> , 2021, 627, 119142.	8.2	107
3	Water-Salt Oligomers Enable Supersoluble Electrolytes for High-Performance Aqueous Batteries. <i>Advanced Materials</i> , 2021, 33, e2007470.	21.0	102
4	Interfacial Polymerization at the Alkane/Ionic Liquid Interface. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14636-14643.	13.8	81
5	Delignified wood with unprecedented anti-oil properties for the highly efficient separation of crude oil/water mixtures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16735-16741.	10.3	71
6	Nanofiltration membranes with hydrophobic microfiltration substrates for robust structure stability and high water permeation flux. <i>Journal of Membrane Science</i> , 2020, 593, 117444.	8.2	65
7	Revisiting the adhesion mechanism of mussel-inspired chemistry. <i>Chemical Science</i> , 2022, 13, 1698-1705.	7.4	53
8	Carboxylated wood-based sponges with underoil superhydrophilicity for deep dehydration of crude oil. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11354-11361.	10.3	52
9	Cellulose nanocrystals as anti-oil nanomaterials for separating crude oil from aqueous emulsions and mixtures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7033-7041.	10.3	49
10	Wettability Switchable Membranes for Separating Both Oil-in-water and water-in-oil emulsions. <i>Journal of Membrane Science</i> , 2021, 624, 118976.	8.2	48
11	Codeposition of Levodopa and Polyethyleneimine: Reaction Mechanism and Coating Construction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54094-54103.	8.0	39
12	Polyamide nanofilms synthesized via controlled interfacial polymerization on a jelly-like surface. <i>Chemical Communications</i> , 2020, 56, 7249-7252.	4.1	35
13	Amyloid-like assembly converting commercial proteins to water-insoluble adsorbents with ultrahigh adsorption capacity and excellent antifouling property for uranium extraction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2987-2994.	10.3	19
14	Osmotic pressure as driving force for recovering ionic liquids from aqueous solutions. <i>Journal of Membrane Science</i> , 2020, 599, 117835.	8.2	16
15	Janus Metal-Organic Frameworks/Wood Aerogel Composites for Boosting Catalytic Performance by Le Chatelier's Principle. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51039-51047.	8.0	14
16	When SLIPS meets TIPS: An endogenous lubricant-infused surface by taking the diluent as the lubricant. <i>Chemical Engineering Journal</i> , 2021, 425, 130600.	12.7	12
17	Ultrafast Interfacial Self-Assembly toward Supramolecular Metal-Organic Films for Water Desalination. <i>Advanced Science</i> , 2022, 9, .	11.2	12
18	Concentrating water-soluble ionic liquids from aqueous solutions: Osmotic distillation with hydrophobic membranes. <i>Journal of Membrane Science</i> , 2020, 608, 118222.	8.2	11

#	ARTICLE	IF	CITATIONS
19	Visualizing and monitoring interfacial polymerization by aggregation-induced emission. <i>Polymer Chemistry</i> , 2021, 12, 4332-4336.	3.9	11