

Yanling Liu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,303
citations

393982

19
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailored design of nanofiltration membranes for water treatment based on synthesisâ€“propertyâ€“performance relationships. <i>Chemical Society Reviews</i> , 2022, 51, 672-719.	18.7	182
2	Enantioselective Friedelâ€“Crafts Alkylation of Indoles with Alkylidene Malonates Catalyzed by N,N -Dioxideâ€“Scandium(III) Complexes: Asymmetric Synthesis of β -Carbolines. <i>Chemistry - A European Journal</i> , 2009, 15, 2055-2058.		121
3	Effect of varying piperazine concentration and post-modification on prepared nanofiltration membranes in selectively rejecting organic micropollutants and salts. <i>Journal of Membrane Science</i> , 2019, 582, 274-283.	4.1	105
4	Impacts of Metalâ€“Organic Frameworks on Structure and Performance of Polyamide Thin-Film Nanocomposite Membranes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13724-13734.	4.0	100
5	$AgAsF_6/Sm(OTf)_3$ Promoted Reversal of Enantioselectivity for the Asymmetric Friedelâ€“Crafts Alkylations of Indoles with α,β -Unsaturated α -Ketoesters. <i>Organic Letters</i> , 2010, 12, 180-183.	2.4	94
6	Preparation of nanofiltration membranes for high rejection of organic micropollutants and low rejection of divalent cations. <i>Journal of Membrane Science</i> , 2019, 572, 152-160.	4.1	88
7	High-performance thin film nanocomposite membranes enabled by nanomaterials with different dimensions for nanofiltration. <i>Journal of Membrane Science</i> , 2020, 596, 117717.	4.1	86
8	Highly Efficient Synthesis of Quaternary α -Hydroxy Phosphonates via Lewis Acidâ€“Catalyzed Hydrophosphonylation of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2567-2572.	2.1	65
9	Quantifying the influence of solute-membrane interactions on adsorption and rejection of pharmaceuticals by NF/RO membranes. <i>Journal of Membrane Science</i> , 2018, 551, 37-46.	4.1	58
10	A Facile and Scalable Fabrication Procedure for Thin-Film Composite Membranes: Integration of Phase Inversion and Interfacial Polymerization. <i>Environmental Science & Technology</i> , 2020, 54, 1946-1954.	4.6	56
11	Porous organic polymer embedded thin-film nanocomposite membranes for enhanced nanofiltration performance. <i>Journal of Membrane Science</i> , 2020, 602, 117982.	4.1	47
12	Sugar-based membranes for nanofiltration. <i>Journal of Membrane Science</i> , 2021, 619, 118786.	4.1	46
13	Electric field-based ionic control of selective separation layers. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4244-4251.	5.2	40
14	Selective removal of heavy metals from saline water by nanofiltration. <i>Desalination</i> , 2022, 525, 115380.	4.0	40
15	Exploring the interactions of organic micropollutants with polyamide nanofiltration membranes: A molecular docking study. <i>Journal of Membrane Science</i> , 2019, 577, 285-293.	4.1	36
16	Cloning and Functional Analysis of a β -Amyrin Synthase Gene Associated with Oleanolic Acid Biosynthesis in <i>Gentiana straminea</i> ; M&small;AXIM. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 818-824.	0.6	34
17	Surface-crumpled thin-film nanocomposite membranes with elevated nanofiltration performance enabled by facilely synthesized covalent organic frameworks. <i>Journal of Membrane Science</i> , 2021, 625, 119144.	4.1	34
18	High-frequency embryogenesis and regeneration of plants with high content of gentiopicroside from the Chinese medicinal plant <i>Gentiana straminea</i> Maxim.. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2009, 45, 730-739.	0.9	28

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19	Comparison of polyamide, polyesteramide and polyester nanofiltration membranes: properties and separation performance. <i>Separation and Purification Technology</i> , 2022, 297, 121579.	3.9	20
20	An Intronless Î²-amylin Synthase Gene is More Efficient in Oleanolic Acid Accumulation than its Paralog in <i>Gentiana straminea</i> . <i>Scientific Reports</i> , 2016, 6, 33364.	1.6	16
21	Polyploidization is accompanied by synonymous codon usage bias in the chloroplast genomes of both cotton and wheat. <i>PLoS ONE</i> , 2020, 15, e0242624.	1.1	3
22	A fluorescence spectroscopy study of traditional Chinese medicine <i>Angelica</i> . <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2013, 115, 530-536.	0.2	2
23	Prospects of nanocomposite membranes for water treatment by electrodriven membrane processes. , 2020, , 321-354.		1
24	Effect of Pre-Oxidation on Coagulation/Ceramic Membrane Treatment of Yangtze River Water. <i>Membranes</i> , 2021, 11, 369.	1.4	1