

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	Selective removal of heavy metals from saline water by nanofiltration. <i>Desalination</i> , 2022, 525, 115380.	4.0	40
3	Comparison of polyamide, polyesteramide and polyester nanofiltration membranes: properties and separation performance. <i>Separation and Purification Technology</i> , 2022, 297, 121579.	3.9	20
4	Sugar-based membranes for nanofiltration. <i>Journal of Membrane Science</i> , 2021, 619, 118786.	4.1	46
5	Effect of Pre-Oxidation on Coagulation/Ceramic Membrane Treatment of Yangtze River Water. <i>Membranes</i> , 2021, 11, 369.	1.4	1
6	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
7	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
8	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
9	Porous organic polymer embedded thin-film nanocomposite membranes for enhanced nanofiltration performance. <i>Journal of Membrane Science</i> , 2020, 602, 117982.	4.1	47
10	Electric field-based ionic control of selective separation layers. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4244-4251.	5.2	40
11	Prospects of nanocomposite membranes for water treatment by electrodriven membrane processes. , 2020, , 321-354.		1
12	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
13	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
14	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
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	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
17	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
18	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

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19	A fluorescence spectroscopy study of traditional Chinese medicine Angelica. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 115, 530-536.	0.2	2
20	AgAsF ₆ /Sm(OTf) ₃ Promoted Reversal of Enantioselectivity for the Asymmetric Friedel-Crafts Alkylations of Indoles with β , γ -Unsaturated α -Ketoesters. Organic Letters, 2010, 12, 180-183.	2.4	94
21	Highly Efficient Synthesis of Quaternary α -Hydroxy Phosphonates via Lewis Acid-Catalyzed Hydrophosphonylation of Ketones. Advanced Synthesis and Catalysis, 2009, 351, 2567-2572.	2.1	65
22	Enantioselective Friedel-Crafts Alkylation of Indoles with Alkylidene Malonates Catalyzed by N,N -Dioxide-Scandium(III) Complexes: Asymmetric Synthesis of β -Carbolines. Chemistry - A European Journal, 2009, 15, 2055-2058.	1.7	121
23	High-frequency embryogenesis and regeneration of plants with high content of gentiopicroside from the Chinese medicinal plant Gentiana straminea Maxim.. In Vitro Cellular and Developmental Biology - Plant, 2009, 45, 730-739.	0.9	28
24	Cloning and Functional Analysis of a β -Amyrin Synthase Gene Associated with Oleanolic Acid Biosynthesis in <i>Gentiana straminea</i> M&A;XIM. Biological and Pharmaceutical Bulletin, 2009, 32, 818-824.	0.6	34