

Zhixiao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

328
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of hydrophilic and antifouling polysulfone ultrafiltration membrane derived from phenolphthalin by copolymerization method. Applied Surface Science, 2017, 401, 69-78.	6.1	65
2	The influence of sulfonated hyperbranched polyethersulfone-modified halloysite nanotubes on the compatibility and water separation performance of polyethersulfone hybrid ultrafiltration membranes. Journal of Membrane Science, 2018, 557, 13-23.	8.2	57
3	Soluble polyimides containing 1,4:3,6-dianhydro-D-glucitol and fluorinated units: Preparation, characterization, optical, and dielectric properties. Journal of Polymer Science Part A, 2017, 55, 3253-3265.	2.3	47
4	Transparent and soluble polyimide films from 1,4:3,6-dianhydro-D-mannitol based dianhydride and diamines containing aromatic and semiaromatic units: Preparation, characterization, thermal and mechanical properties. Polymer Degradation and Stability, 2018, 151, 80-89.	5.8	38
5	A carboxyl potassium salt polysulfone (PSF-COOK)-embedded mixed matrix membrane with high permeability and anti-fouling properties for the effective separation of dyes and salts. Applied Surface Science, 2019, 490, 7-17.	6.1	36
6	Regulating the morphology of nanofiltration membrane by thermally induced inorganic salt crystals for efficient water purification. Journal of Membrane Science, 2021, 617, 118645.	8.2	20
7	Positively charged nanofiltration membrane prepared by polydopamine deposition followed by crosslinking for high efficiency cation separation. Polymer Testing, 2021, 93, 107000.	4.8	19
8	Transparent and soluble polyimide films containing 4,4'-bis(isopropylidenedicyclohexanol (cis)-bisphenol A (HBPA) units: Preparation, characterization, thermal, mechanical, and dielectric properties. Journal of Polymer Science Part A, 2018, 56, 2115-2128.	2.3	16
9	Soluble Polyimides Bearing (cis, trans)-Hydrogenated Bisphenol A and (trans, trans)-Hydrogenated Bisphenol A Moieties: Synthesis, Properties and the Conformational Effect. Polymers, 2019, 11, 854.	4.5	9
10	Thin-film composite nanofiltration membranes with poly (amidoxime) as organic interlayer for effective desalination. Journal of Environmental Chemical Engineering, 2022, 10, 107015.	6.7	9
11	Novel copolyimides containing 1,4:3,6-dianhydro-D-mannitol unit Preparation, characterization, thermal, mechanical, soluble, and optical properties. High Performance Polymers, 2019, 31, 220-229.	1.8	8
12	Polyamidoxime grafting on ultrahigh-strength cellulose-based jute fabrics for effectively extracting uranium from seawater. New Journal of Chemistry, 2022, 46, 6296-6306.	2.8	4
13	Influence of 1:4:3:6-dianhydro-D-mannitol-based polyamide as an additive on morphology, permeability and antifouling performance of PES ultrafiltration membrane. High Performance Polymers, 2018, 30, 1147-1158.	1.8	0