

Zhixiao Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2491366/publications.pdf>

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