

Tiara Puspasari

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

928
citations

623574

14
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymers for Enhanced Oil Recovery Technology. <i>Procedia Chemistry</i> , 2012, 4, 11-16.	0.7	326
2	Ultrathin 2D-layered Cyclodextrin Membranes for High-performance Organic Solvent Nanofiltration. <i>Advanced Functional Materials</i> , 2020, 30, 1906797.	7.8	103
3	Crosslinked cellulose thin film composite nanofiltration membranes with zero salt rejection. <i>Journal of Membrane Science</i> , 2015, 491, 132-137.	4.1	65
4	A catechin/cellulose composite membrane for organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2018, 567, 139-145.	4.1	62
5	Alginate-based membranes: Paving the way for green organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2020, 596, 117615.	4.1	61
6	Sub-100 nm carbon molecular sieve membranes from a polymer of intrinsic microporosity precursor: Physical aging and near-equilibrium gas separation properties. <i>Journal of Membrane Science</i> , 2020, 597, 117752.	4.1	39
7	Effective Interfacially Polymerized Polyester Solvent Resistant Nanofiltration Membrane from Bioderived Materials. <i>Advanced Sustainable Systems</i> , 2018, 2, 1800043.	2.7	37
8	Unique cellulose/polydimethylsiloxane blends as an advanced hybrid material for organic solvent nanofiltration and pervaporation membranes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13685-13695.	5.2	35
9	Application of thin film cellulose composite membrane for dye wastewater reuse. <i>Journal of Water Process Engineering</i> , 2016, 13, 176-182.	2.6	31
10	High dehumidification performance of amorphous cellulose composite membranes prepared from trimethylsilyl cellulose. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9271-9279.	5.2	30
11	Charge- and Size-Selective Molecular Separation using Ultrathin Cellulose Membranes. <i>ChemSusChem</i> , 2016, 9, 2908-2911.	3.6	29
12	Cellulose-polyethyleneimine blend membranes with anomalous nanofiltration performance. <i>Journal of Membrane Science</i> , 2018, 564, 97-105.	4.1	26
13	Nanohybrid thin-film composite carbon molecular sieve membranes. <i>Materials Today Nano</i> , 2020, 9, 100065.	2.3	25
14	Gas separation performance of solid-state in-situ thermally crosslinked 6FDA-based polyimides. <i>Journal of Membrane Science</i> , 2022, 641, 119885.	4.1	19
15	Gas separation performance and physical aging of tubular thin-film composite carbon molecular sieve membranes based on a polyimide of intrinsic microporosity precursor. <i>Journal of Membrane Science</i> , 2022, 652, 120497.	4.1	15
16	High flux membranes, based on self-assembled and H-bond linked triblock copolymer nanospheres. <i>Journal of Membrane Science</i> , 2019, 585, 10-18.	4.1	9
17	Utilization of Cassava Starch in Copolymerisation of Superabsorbent Polymer Composite (SAPC). <i>Journal of Engineering and Technological Sciences</i> , 2014, 46, 286-298.	0.3	7
18	Highly efficient size-sieving-based removal of arsenic(III) via defect-free interfacially-polymerized polyamide thin-film composite membranes. <i>Journal of Membrane Science</i> , 2022, 652, 120477.	4.1	6

#	ARTICLE	IF	CITATIONS
19	Charge- and Size-Selective Molecular Separation using Ultrathin Cellulose Membranes. ChemSusChem, 2016, 9, 2873-2873.	3.6	3