

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,522
citations

17
h-index

25
g-index

25
ext. papers

1,759
ext. citations

9.6
avg, IF

4.81
L-index

#	Paper	IF	Citations
22	Ultrathin polyamide nanofilm with an asymmetrical structure: A novel strategy to boost the permeance of reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2020 , 612, 118402	9.6	5
21	Intrinsic Nanoscale Structure of Thin Film Composite Polyamide Membranes: Connectivity, Defects, and Structure-Property Correlation. <i>Environmental Science & Technology</i> , 2020 , 54, 3559-3569	10.3	66
20	Thin film nanocomposite reverse osmosis membrane incorporated with UiO-66 nanoparticles for enhanced boron removal. <i>Journal of Membrane Science</i> , 2019 , 580, 101-109	9.6	77
19	Fabrication of aquaporin-based biomimetic membrane for seawater desalination. <i>Desalination</i> , 2019 , 467, 103-112	10.3	40
18	Polymersomes-based high-performance reverse osmosis membrane for desalination. <i>Journal of Membrane Science</i> , 2018 , 555, 177-184	9.6	33
17	Removal notice to Porous forward osmosis membranes for polishing biologically treated wastewater: Condition optimization and draw solution recovery <i>Bioresource Technology</i> 263 (2018) 192-198. <i>Bioresource Technology</i> , 2018 , 263, R1	11	
16	REMOVED: Porous forward osmosis membranes for polishing biologically treated wastewater: Condition optimization and draw solution recovery. <i>Bioresource Technology</i> , 2018 , 263, 192-198	11	4
15	Ultra-thin, multi-layered polyamide membranes: Synthesis and characterization. <i>Journal of Membrane Science</i> , 2017 , 540, 10-18	9.6	53
14	Modification of thin film composite hollow fiber membranes for osmotic energy generation with low organic fouling tendency. <i>Desalination</i> , 2017 , 424, 131-139	10.3	8
13	Charge-Gated Ion Transport through Polyelectrolyte Intercalated Amine Reduced Graphene Oxide Membranes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41482-41495	9.5	40
12	Aquaporin-based biomimetic reverse osmosis membranes: Stability and long term performance. <i>Journal of Membrane Science</i> , 2016 , 508, 94-103	9.6	88
11	Towards improved separation performance using porous FO membranes: The critical roles of membrane separation properties and draw solution. <i>Journal of Membrane Science</i> , 2016 , 498, 67-74	9.6	15
10	Highly efficient forward osmosis based on porous membranes--applications and implications. <i>Environmental Science & Technology</i> , 2015 , 49, 4690-5	10.3	43
9	Structural stability and mass transfer properties of pressure retarded osmosis (PRO) membrane under high operating pressures. <i>Journal of Membrane Science</i> , 2015 , 488, 143-153	9.6	43
8	Synthesis and characterization of silica gel/polyacrylonitrile mixed matrix forward osmosis membranes based on layer-by-layer assembly. <i>Separation and Purification Technology</i> , 2014 , 124, 207-216	8.3	36
7	Nanocomposite substrates for controlling internal concentration polarization in forward osmosis membranes. <i>Journal of Membrane Science</i> , 2013 , 441, 54-62	9.6	194
6	Synthesis and characterization of novel antibacterial silver nanocomposite nanofiltration and forward osmosis membranes based on layer-by-layer assembly. <i>Water Research</i> , 2013 , 47, 3081-92	12.5	136

5	Double-skinned forward osmosis membranes based on layer-by-layer assembly BO performance and fouling behavior. <i>Journal of Membrane Science</i> , 2012 , 405-406, 20-29	9.6	122
4	Influence of the properties of layer-by-layer active layers on forward osmosis performance. <i>Journal of Membrane Science</i> , 2012 , 423-424, 536-542	9.6	50
3	Boric acid permeation in forward osmosis membrane processes: modeling, experiments, and implications. <i>Environmental Science & Technology</i> , 2011 , 45, 2323-30	10.3	115
2	Synthesis and characterization of novel forward osmosis membranes based on layer-by-layer assembly. <i>Environmental Science & Technology</i> , 2011 , 45, 5201-8	10.3	203
1	Synthesis of high flux forward osmosis membranes by chemically crosslinked layer-by-layer polyelectrolytes. <i>Journal of Membrane Science</i> , 2011 , 381, 74-80	9.6	151