

List of Publications by Citations

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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	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
21	Nanocomposite substrates for controlling internal concentration polarization in forward osmosis membranes. <i>Journal of Membrane Science</i> , 2013 , 441, 54-62	9.6	194
20	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
19	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
18	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
17	Boric acid permeation in forward osmosis membrane processes: modeling, experiments, and implications. <i>Environmental Science & Technology</i> , 2011 , 45, 2323-30	10.3	115
16	Aquaporin-based biomimetic reverse osmosis membranes: Stability and long term performance. <i>Journal of Membrane Science</i> , 2016 , 508, 94-103	9.6	88
15	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
14	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
13	Ultra-thin, multi-layered polyamide membranes: Synthesis and characterization. <i>Journal of Membrane Science</i> , 2017 , 540, 10-18	9.6	53
12	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
11	Highly efficient forward osmosis based on porous membranes--applications and implications. <i>Environmental Science & Technology</i> , 2015 , 49, 4690-5	10.3	43
10	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
9	Fabrication of aquaporin-based biomimetic membrane for seawater desalination. <i>Desalination</i> , 2019 , 467, 103-112	10.3	40
8	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
7	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
6	Polymersomes-based high-performance reverse osmosis membrane for desalination. <i>Journal of Membrane Science</i> , 2018 , 555, 177-184	9.6	33

5	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
4	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
3	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
2	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
1	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	