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List of Publications by Year
in descending order

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Version: 2024-02-01

17 papers	1,228 citations	777949 13 h-index	993246 17 g-index
17 all docs	17 docs citations	17 times ranked	1456 citing authors

#	Article	IF	Citations
1	Functionalized polyamide membranes yield suppression of biofilm and planktonic bacteria while retaining flux and selectivity. Separation and Purification Technology, 2022, 282, 119981.	3.9	8
2	Nanodiamond-decorated thin film composite membranes with antifouling and antibacterial properties. Desalination, 2022, 522, 115436.	4.0	31
3	Loose nanofiltration membranes functionalized with in situ-synthesized metal organic framework for water treatment. Materials Today Chemistry, 2022, 24, 100909.	1.7	5
4	The implications of 3<scp>D</scp>â€printed membranes for water and wastewater treatment and resource recovery. Canadian Journal of Chemical Engineering, 2022, 100, 2309-2321.	0.9	11
5	An ultrasonic-assisted rapid approach for sustainable fabrication of antibacterial and anti-biofouling membranes via metal-organic frameworks. Materials Today Chemistry, 2022, 26, 101044.	1.7	4
6	Effective strategy for UV-mediated grafting of biocidal Ag-MOFs on polymeric membranes aimed at enhanced water ultrafiltration. Chemical Engineering Journal, 2021, 426, 130704.	6.6	37
7	Micropatterned Thin-Film Composite Poly(piperazine-amide) Nanofiltration Membranes for Wastewater Treatment. ACS Applied Polymer Materials, 2021, 3, 6653-6665.	2.0	18
8	Feasibility of membrane processes for the recovery and purification of bio-based volatile fatty acids: A comprehensive review. Journal of Industrial and Engineering Chemistry, 2020, 81, 24-40.	2.9	92
9	Recent advances in functionalized polymer membranes for biofouling control and mitigation in forward osmosis. Journal of Membrane Science, 2020, 596, 117604.	4.1	138
10	A critical review on ultrasonic-assisted fouling control and cleaning of fouled membranes. Ultrasonics, 2020, 108, 106228.	2.1	70
11	In Situ Ag-MOF Growth on Pre-Grafted Zwitterions Imparts Outstanding Antifouling Properties to Forward Osmosis Membranes. ACS Applied Materials & Interfaces, 2020, 12, 36287-36300.	4.0	90
12	Improved antifouling and antibacterial properties of forward osmosis membranes through surface modification with zwitterions and silver-based metal organic frameworks. Journal of Membrane Science, 2020, 611, 118352.	4.1	80
13	Cu-BTC Metalâ"Organic Framework Modified Membranes for Landfill Leachate Treatment. Water (Switzerland), 2020, 12, 91.	1.2	28
14	Nanocomposite membranes for water separation and purification: Fabrication, modification, and applications. Separation and Purification Technology, 2019, 213, 465-499.	3.9	346
15	Simultaneous Improvement of Antimicrobial, Antifouling, and Transport Properties of Forward Osmosis Membranes with Immobilized Highly-Compatible Polyrhodanine Nanoparticles. Environmental Science & Technology, 2018, 52, 5246-5258.	4.6	90
16	Exploiting Synergetic Effects of Graphene Oxide and a Silver-Based Metalâ€"Organic Framework To Enhance Antifouling and Anti-Biofouling Properties of Thin-Film Nanocomposite Membranes. ACS Applied Materials & Interfaces, 2018, 10, 42967-42978.	4.0	161
17	Low content nano-polyrhodanine modified polysulfone membranes with superior properties and their performance for wastewater treatment. Environmental Science: Nano, 2017, 4, 2043-2054.	2.2	19