

# Jingbo Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

351  
citations

932766

10  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Desalinating a real hyper-saline pre-treated produced water via direct-heat vacuum membrane distillation. <i>Water Research</i> , 2022, 218, 118503.	5.3	9
2	Saline Water-Based Mineralization Pathway for Gigatonne-Scale CO <sub>2</sub> Management. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1073-1089.	3.2	53
3	Effect of Feed Water pH on the Partitioning of Alkali Metal Salts from Aqueous Phase into the Polyamide Active Layers of Reverse Osmosis Membranes. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3250-3259.	4.6	13
4	Conducting thermal energy to the membrane/water interface for the enhanced desalination of hypersaline brines using membrane distillation. <i>Journal of Membrane Science</i> , 2021, 626, 119188.	4.1	21
5	Sustainable Desalination and Water Reuse. <i>Synthesis Lectures on Sustainable Development</i> , 2021, 2, 1-204.	0.2	4
6	Tunable Anion Exchange Membrane Conductivity and Permselectivity via Non-Covalent, Hydrogen Bond Cross-Linking. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52647-52658.	4.0	6
7	Laser-induced graphene and carbon nanotubes as conductive carbon-based materials in environmental technology. <i>Materials Today</i> , 2020, 34, 115-131.	8.3	77
8	Produced Water Desalination via Pervaporative Distillation. <i>Water (Switzerland)</i> , 2020, 12, 3560.	1.2	10
9	Comparison of water and salt transport properties of ion exchange, reverse osmosis, and nanofiltration membranes for desalination and energy applications. <i>Journal of Membrane Science</i> , 2020, 604, 117998.	4.1	31
10	The interactions and adsorption mechanisms of ternary heavy metals on boron nitride. <i>Environmental Research</i> , 2020, 183, 109240.	3.7	34
11	Scalable fabrication of anti-biofouling membranes through 2-aminoimidazole incorporation during polyamide casting. <i>Journal of Membrane Science</i> , 2019, 579, 151-161.	4.1	20
12	Grafting of bioactive 2-aminoimidazole into active layer makes commercial RO/NF membranes anti-biofouling. <i>Journal of Membrane Science</i> , 2018, 556, 85-97.	4.1	17
13	Partitioning of Alkali Metal Salts and Boric Acid from Aqueous Phase into the Polyamide Active Layers of Reverse Osmosis Membranes. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2295-2303.	4.6	24
14	Relationship between performance deterioration of a polyamide reverse osmosis membrane used in a seawater desalination plant and changes in its physicochemical properties. <i>Water Research</i> , 2016, 100, 326-336.	5.3	31
15	Microbial community changes during the start-up of an anaerobic/aerobic/anoxic-type sequencing batch reactor. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1211-1217.	1.2	1