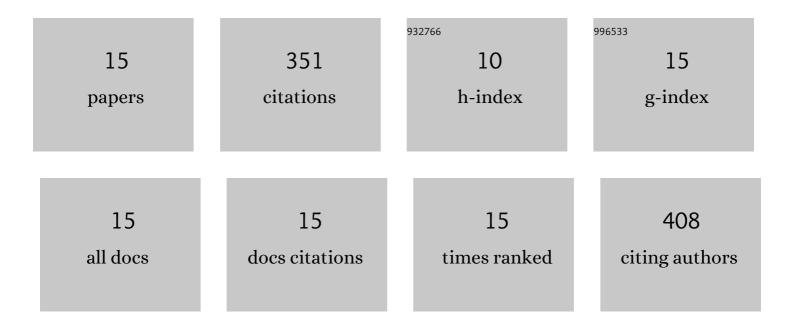
Jingbo Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Desalinating a real hyper-saline pre-treated produced water via direct-heat vacuum membrane distillation. Water Research, 2022, 218, 118503.	5.3	9
2	Saline Water-Based Mineralization Pathway for Gigatonne-Scale CO ₂ Management. ACS Sustainable Chemistry and Engineering, 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. Environmental Science & Technology, 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. Journal of Membrane Science, 2021, 626, 119188.	4.1	21
5	Sustainable Desalination and Water Reuse. Synthesis Lectures on Sustainable Development, 2021, 2, 1-204.	0.2	4
6	Tunable Anion Exchange Membrane Conductivity and Permselectivity via Non-Covalent, Hydrogen Bond Cross-Linking. ACS Applied Materials & Interfaces, 2021, 13, 52647-52658.	4.0	6
7	Laser-induced graphene and carbon nanotubes as conductive carbon-based materials in environmental technology. Materials Today, 2020, 34, 115-131.	8.3	77
8	Produced Water Desalination via Pervaporative Distillation. Water (Switzerland), 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. Journal of Membrane Science, 2020, 604, 117998.	4.1	31
10	The interactions and adsorption mechanisms of ternary heavy metals on boron nitride. Environmental Research, 2020, 183, 109240.	3.7	34
11	Scalable fabrication of anti-biofouling membranes through 2-aminoimidazole incorporation during polyamide casting. Journal of Membrane Science, 2019, 579, 151-161.	4.1	20
12	Grafting of bioactive 2-aminoimidazole into active layer makes commercial RO/NF membranes anti-biofouling. Journal of Membrane Science, 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. Environmental Science & Technology, 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. Water Research, 2016, 100, 326-336.	5.3	31
15	Microbial community changes during the start-up of an anaerobic/aerobic/anoxic-type sequencing batch reactor. Environmental Technology (United Kingdom), 2013, 34, 1211-1217.	1.2	1