# Jingbo Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8096185/publications.pdf

Version: 2024-02-01

| | | 932766 | 996533 |
|---|---|---|---|
| 15 | 351 | 10 | 15 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 15 | 15 | 15 | 408 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Laser-induced graphene and carbon nanotubes as conductive carbon-based materials in environmental technology. Materials Today, 2020, 34, 115-131. | 8.3 | 77 |
| 2 | Saline Water-Based Mineralization Pathway for Gigatonne-Scale CO<sub>2</sub> Management. ACS Sustainable Chemistry and Engineering, 2021, 9, 1073-1089. | 3.2 | 53 |
| 3 | The interactions and adsorption mechanisms of ternary heavy metals on boron nitride. Environmental Research, 2020, 183, 109240. | 3.7 | 34 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Scalable fabrication of anti-biofouling membranes through 2-aminoimidazole incorporation during polyamide casting. Journal of Membrane Science, 2019, 579, 151-161. | 4.1 | 20 |
| 9 | 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 |
| 10 | 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 |
| 11 | Produced Water Desalination via Pervaporative Distillation. Water (Switzerland), 2020, 12, 3560. | 1.2 | 10 |
| 12 | Desalinating a real hyper-saline pre-treated produced water via direct-heat vacuum membrane distillation. Water Research, 2022, 218, 118503. | 5.3 | 9 |
| 13 | 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 |
| 14 | Sustainable Desalination and Water Reuse. Synthesis Lectures on Sustainable Development, 2021, 2, 1-204. | 0.2 | 4 |
| 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 |