Jing-Gang Gai

List of Publications by Year
in descending order

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Version: 2024-02-01

11	682	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	1430
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zwitterionic and hydrophilic polyelectrolyte/metal ion anti-fouling layersviacovalent and coordination bonds for reverse osmosis membranes. Materials Chemistry Frontiers, 2021, 5, 4202-4213.	5.9	11
2	Highly permeable carbon nanotubes/polyamide layered membranes for molecular sieving. Chemical Engineering Journal, 2021, 425, 130684.	12.7	14
3	Preparation of highâ€performance reverse osmosis membrane by zwitterionic polymer coating in a facile oneâ€step way. Journal of Applied Polymer Science, 2020, 137, 48355.	2.6	13
4	Nanoscale polyelectrolyte/metal ion hydrogel modified RO membrane with dual anti-fouling mechanism and superhigh transport property. Desalination, 2020, 488, 114510.	8.2	35
5	Ultrathin Active Layer for Transparent Electromagnetic Shielding Window. ACS Omega, 2018, 3, 2765-2772.	3.5	11
6	Guanidinium-functionalized nanofiltration membranes integrating anti-fouling and antimicrobial effects. Journal of Materials Chemistry A, 2018, 6, 6442-6454.	10.3	101
7	Polyethylenimine Linked Glycidol Surface Antifouling Reverse Osmosis Membrane. Industrial & Engineering Chemistry Research, 2018, 57, 2322-2328.	3.7	18
8	Progress and Challenges in Transfer of Largeâ€Area Graphene Films. Advanced Science, 2016, 3, 1500343.	11.2	271
9	Key factors influencing water diffusion in aromatic PA membrane: Hydrates, nanochannels and functional groups. Desalination, 2014, 333, 52-58.	8.2	19
10	An ultrafast water transport forward osmosis membrane: porous graphene. Journal of Materials Chemistry A, 2014, 2, 4023.	10.3	120
11	Zero internal concentration polarization FO membrane: functionalized graphene. Journal of Materials Chemistry A, 2014, 2, 425-429.	10.3	69