

Jing-Gang Gai

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

682
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1430
citing authors

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