

Jing-Gang Gai

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

320
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Guanidinium-functionalized nanofiltration membranes integrating anti-fouling and antimicrobial effects. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6442-6454.	10.3	101
2	Heat Conduction and Antibacterial Hexagonal Boron Nitride/Polypropylene Nanocomposite Fibrous Membranes for Face Masks with Long-Time Wearing Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 196-206.	8.0	58
3	Fabrication and application of poly (phenylene sulfide) ultrafine fiber. <i>Reactive and Functional Polymers</i> , 2020, 150, 104539.	4.1	50
4	Highly thermally conductive and eco-friendly OH-h-BN/chitosan nanocomposites by constructing a honeycomb thermal network. <i>Carbohydrate Polymers</i> , 2021, 266, 118127.	10.2	25
5	High thermal conductivity and electrical insulation of liquid alloy/ceramic/epoxy composites through the construction of mutually independent structures. <i>Composites Science and Technology</i> , 2021, 202, 108596.	7.8	22
6	Antimicrobial hexagonal boron nitride nanoplatelet composites for the thermal management of medical electronic devices. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2455-2462.	5.9	18
7	Temperature-adjustable F-carbon nanofiber/carbon fiber nanocomposite fibrous masks with excellent comfortability and anti-pathogen functionality. <i>Chemical Engineering Journal</i> , 2022, 432, 134160.	12.7	13
8	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
9	Solvent-free halloysite nanotubes nanofluids based polyacrylonitrile fibrous membranes for protective and breathable textiles. <i>Composites Communications</i> , 2022, 33, 101211.	6.3	10
10	Eco-friendly chitosan@silver/plant fiber membranes for masks with thermal comfortability and self-sterilization. <i>Cellulose</i> , 2022, 29, 5711-5724.	4.9	9
11	Unique antimicrobial/thermally conductive polymer composites for use in medical electronic devices. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50113.	2.6	3
12	Polydopamine Bilayer Nanofiltration Membranes with Excellent Resistance to Delamination. <i>Journal of Macromolecular Science - Physics</i> , 2020, 59, 521-541.	1.0	0