

Guangfa Zhang

List of Publications by Year in descending order

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21
papers

1,060
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	High-speed shear dispersion of MWCNTs assisted by PVP in water and its effective combination with wet-mixing technology for NR/MWCNTs nanocomposites. <i>Polymer Composites</i> , 2022, 43, 3858-3870.	4.6	8
2	Robust and Multifunctional 3D Graphene-Based Aerogels Reinforced by Hydroxyapatite Nanowires for Highly Efficient Organic Solvent Adsorption and Fluoride Removal. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 25385-25396.	8.0	21
3	The interaction between N,N-dimethylacrylamide and pristine graphene and its role in fabricating a strong nanocomposite hydrogel. <i>Journal of Materials Science</i> , 2020, 55, 7652-7664.	3.7	14
4	Robust Graphene/Poly(vinyl alcohol) Janus Aerogels with a Hierarchical Architecture for Highly Efficient Switchable Separation of Oil/Water Emulsions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36638-36648.	8.0	84
5	Facile construction of gas diode membrane towards in situ gas consumption via coupling two chemical reactions. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 282-290.	9.4	7
6	Facile fabrication of highly conductive and robust three-dimensional graphene/silver nanowires bicontinuous skeletons for electromagnetic interference shielding silicone rubber nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 119, 101-110.	7.6	65
7	An alternative avenue for high-performance phenolic resin/graphene composite. <i>Polymer Composites</i> , 2019, 40, 4248-4256.	4.6	12
8	Boron nitride nanosheet embedded bio-inspired wet adhesives with switchable adhesion and oxidation resistance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12266-12275.	10.3	32
9	Highly conductive and light-weight acrylonitrile-butadiene-styrene copolymer/reduced graphene nanocomposites with segregated conductive structure. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 122, 1-7.	7.6	41
10	Bio-inspired underwater superoleophobic PVDF membranes for highly-efficient simultaneous removal of insoluble emulsified oils and soluble anionic dyes. <i>Chemical Engineering Journal</i> , 2019, 369, 576-587.	12.7	132
11	Facile fabrication of long-chain alkyl functionalized ultrafine reduced graphene oxide nanocomposites for enhanced tribological performance. <i>RSC Advances</i> , 2019, 9, 7324-7333.	3.6	12
12	Functional nanoscale metal-organic particles synthesized from a new vinylimidazole-based polymeric ligand and dysprosium ions. <i>Journal of Materials Chemistry C</i> , 2018, 6, 280-289.	5.5	7
13	Polyols-Infused Slippery Surfaces Based on Magnetic Fe ₃ O ₄ -Functionalized Polymer Hybrids for Enhanced Multifunctional Anti-Icing and Deicing Properties. <i>Langmuir</i> , 2018, 34, 4052-4058.	3.5	81
14	Flexible Polydimethylsilane Nanocomposites Enhanced with a Three-Dimensional Graphene/Carbon Nanotube Bicontinuous Framework for High-Performance Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26723-26732.	8.0	159
15	Amphiphilic poly(ether sulfone) membranes for oil/water separation: Effect of sequence structure of the modifier. <i>AIChE Journal</i> , 2017, 63, 739-750.	3.6	50
16	Synthesis and properties of gradient copolymers of butyl methacrylate and fluorinated acrylate via RAFT miniemulsion copolymerizations. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	6
17	Silicone Oil-Infused Slippery Surfaces Based on Sol-Gel Process-Induced Nanocomposite Coatings: A Facile Approach to Highly Stable Bioinspired Surface for Biofouling Resistance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34810-34819.	8.0	147
18	Novel Fluorinated Polymers Containing Short Perfluorobutyl Side Chains and Their Super Wetting Performance on Diverse Substrates. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10513-10523.	8.0	75

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19	Ultralow Oil-Fouling Heterogeneous Poly(ether sulfone) Ultrafiltration Membrane via Blending with Novel Amphiphilic Fluorinated Gradient Copolymers. <i>Langmuir</i> , 2016, 32, 1380-1388.	3.5	63
20	Enhanced oil-fouling resistance of poly(ether sulfone) membranes by incorporation of novel amphiphilic zwitterionic copolymers. <i>RSC Advances</i> , 2016, 6, 7532-7543.	3.6	34
21	Preparation, surface wetting properties, and protein adsorption resistance of well-defined amphiphilic fluorinated diblock copolymers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	10