Xing-xiang Zhang

List of Publications by Year
in descending order

21	317	933447 10	839539 18
papers	citations	h-index	g-index

21	21	21	425
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile fabrication of high-performance PA66/MWNT nanocomposite fibers. Colloid and Polymer Science, 2022, 300, 509-519.	2.1	1
2	Facial fabrication of few-layer functionalized graphene with sole functional group through Dielsâ€“Alder reaction by ball milling. RSC Advances, 2022, 12, 17990-18003.	3.6	0
3	Enhancement of physical and mechanical properties of polyamide 66 fibers using polysiloxaneâ€functionalized multiâ€walled carbon nanotubes. Journal of Applied Polymer Science, 2021, 138, 50170.	2.6	2
4	Fabrication of High Performance PET/TLCP Fibers through the Synergistic Interfacial Enhancement and Compatibilization of Functional 1D and 2D Carbon Nanomaterials. Macromolecular Materials and Engineering, 2021, 306, 2000661.	3.6	5
5	Fabrication and Characterization of Electrospun Poly(acrylonitrile-co-vinylidene Chloride) Copolymer/Poly(n-tetradecyl acrylate-co-n-hexadecyl Acrylate) Sheath/Core Nanofiber-wrapped Thermo-regulated Filaments. ACS Applied Energy Materials, 2021, 4, 5359-5366.	5.1	4
6	Preparation of Polyethylene Terephthalate/Polyketone/Graphene Oxide Composite Fibers: Implications for High-Performance Polymer Composites Modified with Carbon Nanomaterials. ACS Applied Nano Materials, 2021, 4, 9768-9778.	5.0	3
7	Polyamide 66 fibers synergistically reinforced with functionalized graphene and multi-walled carbon nanotubes. Materials Chemistry and Physics, 2021, 271, 124898.	4.0	7
8	Fabrication of high-strength PET fibers modified with graphene oxide of varying lateral size. Journal of Materials Science, 2020, 55, 8940-8953.	3.7	17
9	Fabrication and characterization of conductive microcapsule containing phase change material. E-Polymers, 2019, 19, 519-526.	3.0	4
10	Polyamide 66 and amino-functionalized multi-walled carbon nanotube composites and their melt-spun fibers. Journal of Materials Science, 2019, 54, 11056-11068.	3.7	12
11	Direct Liquid Phase Exfoliation of Graphite to Produce Few-Layer Graphene by Microfluidization. Journal of Nanoscience and Nanotechnology, 2019, 19, 2078-2086.	0.9	23
12	Homogeneous synthesis of cellulose acrylate- g -poly (n -alkyl acrylate) solidâ€“solid phase change materials via free radical polymerization. Carbohydrate Polymers, 2018, 193, 129-136.	10.2	28
13	Thermoelectric behavior of PEDOT:PSS/CNT/graphene composites. Journal of Polymer Engineering, 2018, 38, 381-389.	1.4	17
14	Facile preparation and thermoelectric properties of PEDOT nanowires/Bi2Te3 nanocomposites. Journal of Materials Science: Materials in Electronics, 2018, 29, 17367-17373.	2.2	5
15	Properties and Fabrication of PA66/Surface-Modified Multi-Walled Nanotubes Composite Fibers by Ball Milling and Melt-Spinning. Polymers, 2018, 10, 547.	4.5	15
16	Poly(styreneâ€“maleic anhydride) functionalized graphene oxide. Journal of Applied Polymer Science, 2015, 132, .	2.6	9
17	Composition and Characterization of Thermoregulated Fiber Containing Acrylic-Based Copolymer Microencapsulated Phase-Change Materials (MicroPCMs). Industrial & Engineering Chemistry Research, 2014, 53, 5413-5420.	3.7	39
18	The production of a melt-spun functionalized graphene/poly(Îµ-caprolactam) nanocomposite fiber. Composites Science and Technology, 2013, 81, 61-68.	7.8	42

#	ARTICLE	IF	CITATIONS
19	Fabrication and characterization of polyamide 6-functionalized graphene nanocomposite fiber. Journal of Materials Science, 2012, 47, 8052-8060.	3.7	60
20	Poly(adipic acid-hexamethylene diamine)-functionalized multi-walled carbon nanotube nanocomposites. Journal of Materials Science, 2011, 46, 923-930.	3.7	22
21	Effect of Solid-state Shear Milling Process on Mechanical Properties of PA66/graphene Nanocomposite Fibers. Fibers and Polymers, 0, , 1.	2.1	2