

Xing-xiang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

317
citations

933447

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839539

18
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21
all docs

21
docs citations

21
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of polyamide 6-functionalized graphene nanocomposite fiber. <i>Journal of Materials Science</i> , 2012, 47, 8052-8060.	3.7	60
2	The production of a melt-spun functionalized graphene/poly(μ -caprolactam) nanocomposite fiber. <i>Composites Science and Technology</i> , 2013, 81, 61-68.	7.8	42
3	Composition and Characterization of Thermoregulated Fiber Containing Acrylic-Based Copolymer Microencapsulated Phase-Change Materials (MicroPCMs). <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 5413-5420.	3.7	39
4	Homogeneous synthesis of cellulose acrylate-g-poly (n-alkyl acrylate) solid-phase change materials via free radical polymerization. <i>Carbohydrate Polymers</i> , 2018, 193, 129-136.	10.2	28
5	Direct Liquid Phase Exfoliation of Graphite to Produce Few-Layer Graphene by Microfluidization. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2078-2086.	0.9	23
6	Poly(adipic acid-hexamethylene diamine)-functionalized multi-walled carbon nanotube nanocomposites. <i>Journal of Materials Science</i> , 2011, 46, 923-930.	3.7	22
7	Thermoelectric behavior of PEDOT:PSS/CNT/graphene composites. <i>Journal of Polymer Engineering</i> , 2018, 38, 381-389.	1.4	17
8	Fabrication of high-strength PET fibers modified with graphene oxide of varying lateral size. <i>Journal of Materials Science</i> , 2020, 55, 8940-8953.	3.7	17
9	Properties and Fabrication of PA66/Surface-Modified Multi-Walled Nanotubes Composite Fibers by Ball Milling and Melt-Spinning. <i>Polymers</i> , 2018, 10, 547.	4.5	15
10	Polyamide 66 and amino-functionalized multi-walled carbon nanotube composites and their melt-spun fibers. <i>Journal of Materials Science</i> , 2019, 54, 11056-11068.	3.7	12
11	Poly(styrene-maleic anhydride) functionalized graphene oxide. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	9
12	Polyamide 66 fibers synergistically reinforced with functionalized graphene and multi-walled carbon nanotubes. <i>Materials Chemistry and Physics</i> , 2021, 271, 124898.	4.0	7
13	Facile preparation and thermoelectric properties of PEDOT nanowires/Bi ₂ Te ₃ nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17367-17373.	2.2	5
14	Fabrication of High Performance PET/TLCP Fibers through the Synergistic Interfacial Enhancement and Compatibilization of Functional 1D and 2D Carbon Nanomaterials. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000661.	3.6	5
15	Fabrication and characterization of conductive microcapsule containing phase change material. <i>E-Polymers</i> , 2019, 19, 519-526.	3.0	4
16	Fabrication and Characterization of Electrospun Poly(acrylonitrile-vinylidene Chloride) Copolymer/Poly(<i>n</i> -tetradecyl acrylate- <i>n</i> -hexadecyl Acrylate) Sheath/Core Nanofiber-wrapped Thermo-regulated Filaments. <i>ACS Applied Energy Materials</i> , 2021, 4, 5359-5366.	5.1	4
17	Preparation of Polyethylene Terephthalate/Polyketone/Graphene Oxide Composite Fibers: Implications for High-Performance Polymer Composites Modified with Carbon Nanomaterials. <i>ACS Applied Nano Materials</i> , 2021, 4, 9768-9778.	5.0	3
18	Enhancement of physical and mechanical properties of polyamide 66 fibers using polysiloxane-functionalized multi-walled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50170.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Effect of Solid-state Shear Milling Process on Mechanical Properties of PA66/graphene Nanocomposite Fibers. <i>Fibers and Polymers</i> , 0, , 1.	2.1	2
20	Facile fabrication of high-performance PA66/MWNT nanocomposite fibers. <i>Colloid and Polymer Science</i> , 2022, 300, 509-519.	2.1	1
21	Facial fabrication of few-layer functionalized graphene with sole functional group through Diels-Alder reaction by ball milling. <i>RSC Advances</i> , 2022, 12, 17990-18003.	3.6	0