

Dongxing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

719
citations

516215

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552369

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26
all docs

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docs citations

26
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparing water-based phosphorylated PEEK sizing agent for CF/PEEK interface enhancement. <i>Composites Science and Technology</i> , 2022, 217, 109096.	3.8	31
2	A mussel-inspired strategy for CNT/carbon fiber reinforced epoxy composite by hierarchical surface modification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 635, 128085.	2.3	37
3	Wettability of carbon nanotube-grafted carbon fibers and their interfacial properties in polypropylene thermoplastic composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 159, 106993.	3.8	13
4	Nanoengineered highly sensitive and stable soft strain sensor built from cracked carbon nanotube network/composite bilayers. <i>Carbon</i> , 2021, 173, 849-856.	5.4	17
5	Preparation and properties of nano ZnO toughed phenol-urea-formaldehyde foam. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49816.	1.3	2
6	Enhanced interfacial and mechanical properties of carbon fiber/PEEK composites by hydroxylated PEEK and carbon nanotubes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 145, 106364.	3.8	39
7	Enhancing CF/PEEK interfacial adhesion by modified PEEK grafted with carbon nanotubes. <i>Composites Science and Technology</i> , 2021, 210, 108831.	3.8	49
8	Polyaniline-decorated hyaluronic acid-carbon nanotube hybrid microfiber as a flexible supercapacitor electrode material. <i>Carbon</i> , 2020, 159, 65-73.	5.4	42
9	Impact of Hierarchical Nanoporous Architectures on Sodium Storage in Antimony-Based Sodium-Ion Battery Anodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 11231-11241.	2.5	11
10	Carbon nanotube film based multifunctional composite materials: an overview. <i>Functional Composites and Structures</i> , 2020, 2, 022002.	1.6	30
11	A new strategy to prepare carbon nanotube thin film by the combination of top-down and bottom-up approaches. <i>Carbon</i> , 2020, 161, 563-569.	5.4	19
12	Wettability and Interfacial Properties of Carbon Fiber and Poly(ether ether ketone) Fiber Hybrid Composite. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31520-31531.	4.0	69
13	Wetting dynamics and surface energy components of single carbon fibers. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 349-356.	5.0	14
14	The Optimization of Process Parameters and Characterization of High-Performance CF/PEEK Composites Prepared by Flexible CF/PEEK Plain Weave Fabrics. <i>Polymers</i> , 2019, 11, 53.	2.0	30
15	Blends of Cyanate Ester and Phthalonitrile-Polyhedral Oligomeric Silsesquioxane Copolymers: Cure Behavior and Properties. <i>Polymers</i> , 2019, 11, 54.	2.0	4
16	Wet-Spinning Assembly of Continuous, Highly Stable Hyaluronic/Multiwalled Carbon Nanotube Hybrid Microfibers. <i>Polymers</i> , 2019, 11, 867.	2.0	15
17	Enhancing the Interfacial Strength of Carbon Fiber/Poly(ether ether ketone) Hybrid Composites by Plasma Treatments. <i>Polymers</i> , 2019, 11, 753.	2.0	36
18	Biocompatible Carbon Nanotube-Based Hybrid Microfiber for Implantable Electrochemical Actuator and Flexible Electronic Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20615-20627.	4.0	36

#	ARTICLE	IF	CITATIONS
19	Developing strong and tough carbon nanotube films by a proper dispersing strategy and enhanced interfacial interactions. Carbon, 2019, 149, 117-124.	5.4	13
20	Preparation and Properties of Highly Electroconductive and Heat-Resistant CMC/Buckypaper/Epoxy Nanocomposites. Nanomaterials, 2018, 8, 969.	1.9	11
21	Wettability of carbon nanotube fibers. Carbon, 2017, 122, 128-140.	5.4	45
22	Wettability of carbon fibres at micro- and mesoscales. Carbon, 2017, 120, 438-446.	5.4	37
23	Cure Behavior and Thermomechanical Properties of Phthalonitrile-Polyhedral Oligomeric Silsesquioxane Copolymers. Polymers, 2017, 9, 334.	2.0	11
24	Research on the mechanical properties prediction of carbon/epoxy composite laminates with different void contents. Polymer Composites, 2016, 37, 14-20.	2.3	21
25	Wettability of a Single Carbon Fiber. Langmuir, 2016, 32, 9697-9705.	1.6	73
26	Tuning the Friction Characteristics of Gecko-Inspired Polydimethylsiloxane Micropillar Arrays by Embedding Fe ₃ O ₄ and SiO ₂ Particles. ACS Applied Materials & Interfaces, 2015, 7, 13232-13237.	4.0	14