Dongxing Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/316534/publications.pdf

Version: 2024-02-01

26	719	516215 16	552369 26
papers	citations	h-index	g-index

26	26	26	682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wettability of a Single Carbon Fiber. Langmuir, 2016, 32, 9697-9705.	1.6	73
2	Wettability and Interfacial Properties of Carbon Fiber and Poly(ether ether ketone) Fiber Hybrid Composite. ACS Applied Materials & Interfaces, 2019, 11, 31520-31531.	4.0	69
3	Enhancing CF/PEEK interfacial adhesion by modified PEEK grafted with carbon nanotubes. Composites Science and Technology, 2021, 210, 108831.	3.8	49
4	Wettability of carbon nanotube fibers. Carbon, 2017, 122, 128-140.	5.4	45
5	Polyaniline-decorated hyaluronic acid-carbon nanotube hybrid microfiber as a flexible supercapacitor electrode material. Carbon, 2020, 159, 65-73.	5.4	42
6	Enhanced interfacial and mechanical properties of carbon fiber/PEEK composites by hydroxylated PEEK and carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2021, 145, 106364.	3.8	39
7	Wettability of carbon fibres at micro- and mesoscales. Carbon, 2017, 120, 438-446.	5.4	37
8	A mussel-inspired strategy for CNT/carbon fiber reinforced epoxy composite by hierarchical surface modification. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 635, 128085.	2.3	37
9	Enhancing the Interfacial Strength of Carbon Fiber/Poly(ether ether ketone) Hybrid Composites by Plasma Treatments. Polymers, 2019, 11, 753.	2.0	36
10	Biocompatible Carbon Nanotube-Based Hybrid Microfiber for Implantable Electrochemical Actuator and Flexible Electronic Applications. ACS Applied Materials & Interfaces, 2019, 11, 20615-20627.	4.0	36
11	Preparing water-based phosphorylated PEEK sizing agent for CF/PEEK interface enhancement. Composites Science and Technology, 2022, 217, 109096.	3.8	31
12	The Optimization of Process Parameters and Characterization of High-Performance CF/PEEK Composites Prepared by Flexible CF/PEEK Plain Weave Fabrics. Polymers, 2019, 11, 53.	2.0	30
13	Carbon nanotube film based multifunctional composite materials: an overview. Functional Composites and Structures, 2020, 2, 022002.	1.6	30
14	Research on the mechanical properties prediction of carbon/epoxy composite laminates with different void contents. Polymer Composites, 2016, 37, 14-20.	2.3	21
15	A new strategy to prepare carbon nanotube thin film by the combination of top-down and bottom-up approaches. Carbon, 2020, 161, 563-569.	5.4	19
16	Nanoengineered highly sensitive and stable soft strain sensor built from cracked carbon nanotube network/composite bilayers. Carbon, 2021, 173, 849-856.	5.4	17
17	Wet-Spinning Assembly of Continuous, Highly Stable Hyaluronic/Multiwalled Carbon Nanotube Hybrid Microfibers. Polymers, 2019, 11, 867.	2.0	15
18	Tuning the Friction Characteristics of Gecko-Inspired Polydimethylsiloxane Micropillar Arrays by Embedding Fe₃O₄ and SiO₂ Particles. ACS Applied Materials & Interfaces, 2015, 7, 13232-13237.	4.0	14

#	Article	IF	Citations
19	Wetting dynamics and surface energy components of single carbon fibers. Journal of Colloid and Interface Science, 2019, 557, 349-356.	5.0	14
20	Developing strong and tough carbon nanotube films by a proper dispersing strategy and enhanced interfacial interactions. Carbon, 2019, 149, 117-124.	5.4	13
21	Wettability of carbon nanotube-grafted carbon fibers and their interfacial properties in polypropylene thermoplastic composite. Composites Part A: Applied Science and Manufacturing, 2022, 159, 106993.	3.8	13
22	Cure Behavior and Thermomechanical Properties of Phthalonitrileâ€“Polyhedral Oligomeric Silsesquioxane Copolymers. Polymers, 2017, 9, 334.	2.0	11
23	Preparation and Properties of Highly Electroconductive and Heat-Resistant CMC/Buckypaper/Epoxy Nanocomposites. Nanomaterials, 2018, 8, 969.	1.9	11
24	Impact of Hierarchical Nanoporous Architectures on Sodium Storage in Antimony-Based Sodium-Ion Battery Anodes. ACS Applied Energy Materials, 2020, 3, 11231-11241.	2.5	11
25	Blends of Cyanate Ester and Phthalonitrileâ€“Polyhedral Oligomeric Silsesquioxane Copolymers: Cure Behavior and Properties. Polymers, 2019, 11, 54.	2.0	4
26	Preparation and properties of nano ZnO toughed phenolâ€“ureaâ€formaldehyde foam. Journal of Applied Polymer Science, 2021, 138, 49816.	1.3	2