

Hongbo Dai

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

249
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of a self-assembly amphiphilic sizing agent by RAFT polymerization for improving the interfacial compatibility of short glass fiber-reinforced polypropylene composites. <i>Composites Science and Technology</i> , 2022, 218, 109181.	7.8	4
2	Controllable assembly of continuous hollow graphene fibers with robust mechanical performance and multifunctionalities. <i>Nanotechnology</i> , 2022, 33, 155602.	2.6	2
3	Electrothermally-Driven Elongating-Contracting Film Actuators Based on Two-Way Shape Memory Carbon Nanotube/Ethylene-Vinyl Acetate Composites. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	5
4	Development of high performance two-way shape memory zinc dimethacrylate/ethylene vinyl acetate composite fibers for building flexible yarn actuators. <i>Composites Science and Technology</i> , 2022, 224, 109460.	7.8	8
5	Unique silk-carbon fiber core-spun yarns for developing an advanced hybrid fiber composite with greatly enhanced impact properties. <i>Composites Part B: Engineering</i> , 2022, 239, 109971.	12.0	5
6	Interfacial modification between glass fiber and polypropylene using a novel waterborne amphiphilic sizing agent. <i>Composites Part B: Engineering</i> , 2022, 241, 110029.	12.0	13
7	Comparative study of the thermoresistive behavior of carbon nanotube-based nanocomposites and multiscale hybrid composites. <i>Composites Part B: Engineering</i> , 2021, 222, 109068.	12.0	13
8	The green synthesis and enhanced microwave absorption performance of core-shell structured multicomponent alloy/carbon nanocomposites derived from the metal-sericin complexation. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160680.	5.5	15
9	Scalable and multifunctional carbon nanotube-based textile as distributed sensors for flow and cure monitoring. <i>Carbon</i> , 2020, 164, 28-41.	10.3	25
10	Large-Area Carbon Nanotube-Based Flexible Composites for Ultra-Wide Range Pressure Sensing and Spatial Pressure Mapping. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48370-48380.	8.0	48
11	A Novel Methodology for Spatial Damage Detection and Imaging Using a Distributed Carbon Nanotube-Based Composite Sensor Combined with Electrical Impedance Tomography. <i>Journal of Nondestructive Evaluation</i> , 2016, 35, 1.	2.4	52
12	Processing and Characterization of a Novel Distributed Strain Sensor Using Carbon Nanotube-Based Nonwoven Composites. <i>Sensors</i> , 2015, 15, 17728-17747.	3.8	59