

Dongxian Zhuo

List of Publications by Year in descending order

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627
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#	ARTICLE	IF	CITATIONS
1	A novel nanosilica/graphene oxide hybrid and its flame retarding epoxy resin with simultaneously improved mechanical, thermal conductivity, and dielectric properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9826-9836.	10.3	193
2	Improving the interlaminar properties of polymer composites using a situ accumulation method to construct the multi-scale reinforcement of carbon nanofibers/carbon fibers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 72, 65-74.	7.6	35
3	Fabrication of Polyamide 6 Nanocomposite with Improved Thermal Conductivity and Mechanical Properties via Incorporation of Low Graphene Content. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 10967-10976.	3.7	30
4	Fabrication of Fullerene Anchored Reduced Graphene Oxide Hybrids and Their Synergistic Reinforcement on the Flame Retardancy of Epoxy Resin. <i>Nanoscale Research Letters</i> , 2018, 13, 351.	5.7	23
5	Green fabrication of graphene oxide/epoxy nanocomposite and its application in diamond abrasive tools. <i>Composites Part B: Engineering</i> , 2019, 177, 107383.	12.0	20
6	Synthesis of mesoporous silica and its modification of bismaleimide/cyanate ester resin with improved thermal and dielectric properties. <i>Polymers for Advanced Technologies</i> , 2012, 23, 454-462.	3.2	15
7	Enhancement of mechanical properties of buckypapers/polyethylene composites by microwave irradiation. <i>Composites Science and Technology</i> , 2018, 164, 313-318.	7.8	12
8	In situ formation of a carbon nanotube buckypaper for improving the interlaminar properties of carbon fiber composites. <i>Materials and Design</i> , 2021, 202, 109535.	7.0	12
9	Exceptional Mechanical Properties and Heat Resistance of Photocurable Bismaleimide Ink for 3D Printing. <i>Materials</i> , 2021, 14, 1708.	2.9	11
10	Solâ€“Gel Technology Plus Radiation Curing: A Novel and Facile Technique for Preparing Thick, Large-Area Hyperbranched Polysiloxane Hybrids. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 10372-10378.	3.7	10
11	Effect of the length and branching point of alkyl side chains on DPP-thieno[3,2-b]thiophene copolymers for organic thin-film transistors. <i>Optical Materials</i> , 2019, 88, 500-507.	3.6	10
12	Fabrication of high mechanical performance UHMWPE nanocomposites with highâ€“loading multiwalled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48667.	2.6	9
13	Synthesis and Characterization of Cardanol-Based Methacrylate Oligomers for Three-Dimensional Printing Resins. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16316-16327.	6.7	8
14	Synthesis of High-Purity SiC Nanowires via Catalyst-Free Pyrolysis of SiO ₂ /Si and Sponge-Like Graphene Oxide. <i>ACS Omega</i> , 2020, 5, 25319-25325.	3.5	5
15	The Microâ€“Macro Interlaminar Properties of Continuous Carbon Fiber-Reinforced Polyphenylene Sulfide Laminates Made by Thermocompression to Simulate the Consolidation Process in FDM. <i>Polymers</i> , 2022, 14, 301.	4.5	5
16	Synthesis of novel acrylic liquid-crystal resin and its in-situ enhancement in light-curing 3D printing performance. <i>Journal of Materials Research and Technology</i> , 2022, 17, 2158-2174.	5.8	5
17	Nanocrystalline Celluloseâ€“ and Graphene Oxideâ€“reinforced Polyvinyl Alcohol Films: Synthesis, Characterization, and Origin of Beneficial Co-filling Effects. <i>Applied Composite Materials</i> , 0, , .	2.5	1