

Xinyu Fan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,109
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	A high efficient method for introducing reactive amines onto carbon fiber surfaces using hexachlorocyclophosphazene as a new coupling agent. Applied Surface Science, 2014, 320, 43-51.	6.1	44
2	Grafting of amine-capped cross-linked polyphosphazenes onto carbon fiber surfaces: a novel coupling agent for fiber reinforced composites. RSC Advances, 2014, 4, 12198.	3.6	65
3	Prediction of orthotropic mechanical properties of plain-weave composites with matrix voids using unit cells at multi-scales. Polymer International, 2013, 62, 1029-1037.	3.1	5
4	Facile preparation route for graphene oxide reinforced polyamide 6 composites via in situ anionic ring-opening polymerization. Journal of Materials Chemistry, 2012, 22, 24081.	6.7	123
5	Interfacial Microstructure and Properties of Carbon Fiber Composites Modified with Graphene Oxide. ACS Applied Materials & Interfaces, 2012, 4, 1543-1552.	8.0	566
6	Mechanical and Thermal Properties of Epoxy Resin Nanocomposites Reinforced with Graphene Oxide. Polymer-Plastics Technology and Engineering, 2012, 51, 251-256.	1.9	143
7	Study of surface-functionalized nano-SiO ₂ /polybenzoxazine composites. Journal of Applied Polymer Science, 2011, 120, 1525-1532.	2.6	33
8	Synthesis and characterization of bisphenol a diphthalimide bisbenzoxazine monomers and the properties of their polybenzoxazines. Journal of Applied Polymer Science, 2011, 121, 2778-2787.	2.6	9
9	Thermal degradation behaviors of phosphorus-silicon synergistic flame-retardant copolyester. Journal of Applied Polymer Science, 2011, 122, 1993-2003.	2.6	12
10	A novel phosphazene cyclomatrix network polymer: Design, synthesis and application in flame retardant polylactide. Polymer Degradation and Stability, 2011, 96, 1248-1254.	5.8	103
11	Nucleating effect of surface modified MWNTs on crystallization of MWNTs/PA6 composites. E-Polymers, 2010, 10, .	3.0	0
12	Crystallization and Rheological Behaviors of Amino-functionalized Multiwalled Carbon Nanotubes Filled Polyamide 6 Composites. Journal of Macromolecular Science - Physics, 2010, 49, 405-418.	1.0	6