

Haopeng Cai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

173
citations

6
h-index

12
g-index

25
ext. papers

292
ext. citations

3.4
avg, IF

3.08
L-index

#	Paper	IF	Citations
19	Synthesis of Fe ₃ O ₄ /rGO@PANI with three-dimensional flower-like nanostructure and microwave absorption properties. <i>Journal of Alloys and Compounds</i> , 2022 , 893, 162227	5.7	7
18	A phosphorus-containing imidazole derivative towards the liquid oxygen compatibility and toughness of epoxy resin.. <i>RSC Advances</i> , 2022 , 12, 7046-7054	3.7	1
17	Microwave absorption properties of Ni-substituted cobalt ferrite-loaded carbon nanofiber composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 8429-8439	2.1	1
16	Research on core-shell nanofiber self-healing composites for structural applications. <i>Polymer Composites</i> , 2021 , 42, 3281-3292	3	1
15	Enhancement of the electrochemical performance of lithium-ion batteries by SiO@poly(2-acrylamido-2-methylpropanesulfonic acid) nanosphere addition into a polypropylene membrane.. <i>RSC Advances</i> , 2020 , 10, 5077-5087	3.7	3
14	Preparation and microwave absorption properties of petal CoO/CNFs composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 7606-7615	2.1	2
13	Water-Dispersed Poly(p-Phenylene Terephthamide) Boosting Nano-ALO-Coated Polyethylene Separator with Enhanced Thermal Stability and Ion Diffusion for Lithium-Ion Batteries. <i>Polymers</i> , 2019 , 11,	4.5	3
12	Liquid oxygen compatibility and toughness of epoxy resin modified by a novel hyperbranched polysiloxane. <i>Materials Research Express</i> , 2019 , 6, 085338	1.7	5
11	Preparation of flame-retardant cyanate ester with low dielectric constants and dissipation factors modified with novel phosphorus-contained Schiff base. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 135, 3153-3164	4.1	6
10	Synthesis of rGO/p-Fe ₃ O ₄ @PANI three-phase nanomaterials and electromagnetic wave absorption properties. <i>Materials Research Express</i> , 2019 , 6, 125621	1.7	6
9	Synthesis of a DOPO-containing imidazole curing agent and its application in reactive flame retarded epoxy resin. <i>Polymer Degradation and Stability</i> , 2019 , 159, 79-89	4.7	53
8	Preparation of flame-retardant cyanate ester resin combined with phosphorus-containing maleimide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 132, 1617-1628	4.1	4
7	Enhanced microwave absorption property of epoxy nanocomposites based on PANI@Fe ₃ O ₄ @CNFs nanoparticles with three-phase heterostructure. <i>Materials Research Express</i> , 2018 , 5, 025304	1.7	11
6	Nitrogen-doped porous carbon derived from imidazole-functionalized polyhedral oligomeric silsesquioxane. <i>Journal of Materials Science</i> , 2018 , 53, 456-465	4.3	5
5	Synergistic effect between a novel triazine-based flame retardant and DOPO/HPCP on epoxy resin. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 2774-2783	3.2	29
4	Electrospun Polyethylene Terephthalate Nonwoven Reinforced Polypropylene Separator: Scalable Synthesis and Its Lithium Ion Battery Performance. <i>Polymers</i> , 2018 , 10,	4.5	20
3	Study on properties of flame-retardant cyanate esters modified with DOPO and triazine compounds. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 2574-2582	3.2	10

2	Isocyanate-terminated polyethers toughened epoxy resin: Chemical modification, thermal properties, and mechanical strength. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007 , 22, 256-260	1	1
1	The P/Si synergistic effect enduing epoxy resin with improved flame retardancy and outstanding mechanical properties. <i>High Performance Polymers</i> ,095400832210806	1.6	0