

Huajun Duan

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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.

26

papers

317

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ext. papers

532

ext. citations

3.8

avg, IF

4.16

L-index

#	Paper	IF	Citations
26	A novel phosphorus/nitrogen-containing polycarboxylic acid endowing epoxy resin with excellent flame retardance and mechanical properties. <i>Chemical Engineering Journal</i> , 2019 , 375, 121916	14.7	74
25	A P/N/S-containing high-efficiency flame retardant endowing epoxy resin with excellent flame retardance, mechanical properties and heat resistance. <i>Composites Part B: Engineering</i> , 2020 , 199, 108228	10	35
24	Synthesis of an acrylate constructed by phosphaphenanthrene and triazine-trione and its application in intrinsic flame retardant vinyl ester resin. <i>Polymer Degradation and Stability</i> , 2018 , 154, 285-294	4.7	27
23	Enhanced microwave absorption properties of epoxy composites containing graphene decorated with core-shell Fe ₃ O ₄ @polypyrrole nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 12122-12131	2.1	23
22	Novel phosphorus/nitrogen/boron-containing carboxylic acid as co-curing agent for fire safety of epoxy resin with enhanced mechanical properties. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123769	12.8	23
21	A P/N-containing flame retardant constructed by phosphaphenanthrene, phosphonate, and triazole and its flame retardant mechanism in reducing fire hazards of epoxy resin. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49090	2.9	21
20	MOF-derived graphitized porous carbon/Fe ₃ C nanocomposites with broadband and enhanced microwave absorption performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 12012-12022	2.1	15
19	A bio-based phosphorus-containing co-curing agent towards excellent flame retardance and mechanical properties of epoxy resin. <i>Polymer Degradation and Stability</i> , 2021 , 187, 109548	4.7	15
18	Phosphorus/nitrogen-type fire-retardant vinyl ester resin with good comprehensive properties. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47997	2.9	10
17	A high-efficiency DOPO-based reactive flame retardant with bi-hydroxyl for low-flammability epoxy resin. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50165	2.9	9
16	Toughening modification of unsaturated polyester resin using HDI trimer. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009 , 24, 627-630	1	8
15	Morphologies and mechanical properties of unsaturated polyester resin modified with TDI. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008 , 23, 460-462	1	8
14	A novel phosphorus/nitrogen-containing liquid acrylate monomer endowing vinyl ester resin with excellent flame retardancy and smoke suppression. <i>Polymer</i> , 2020 , 207, 122917	3.9	8
13	A P/N/S-containing compound toward enhanced fire safety epoxy resin with well-balanced performance. <i>Polymer Degradation and Stability</i> , 2021 , 192, 109698	4.7	8
12	Coprecipitation synthesis of hollow poly(acrylonitrile) microspheres@CoFe ₂ O ₄ with graphene as lightweight microwave absorber. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3337-3348	2.1	7
11	UV-curable polyurethane acrylate resin containing multiple active terminal groups for enhanced mechanical properties. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48147	2.9	7
10	Toughening epoxy resins by modification with in situ polymerized acrylate copolymer composed of butyl acrylate and glycidyl methacrylate. <i>High Performance Polymers</i> , 2015 , 27, 177-182	1.6	5

9	Study on the Mechanical Properties of Polyurethane Based on PTMG-TMP System. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 1743-1751		3
8	A DOPO Derivative Constructed by Sulfaguanidine and Thiophene toward Enhancing Fire Safety, Smoke Suppression, and Mechanical Properties of Epoxy Resin. <i>Macromolecular Materials and Engineering</i> , 2018 , 2100569	3.9	3
7	Acrylate copolymers as impact modifier for epoxy resin. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015 , 30, 1210-1214	1	2
6	Effect of thermosetting resin matrix on resistance-temperature stability of carbon fiber conductive composites. <i>Materials Research Express</i> , 2019 , 6, 015312	1.7	2
5	Bio-based phosphorus-containing benzoxazine towards high fire safety, heat resistance and mechanical properties of anhydride-cured epoxy resin. <i>Polymer Degradation and Stability</i> , 2022 , 198, 109878	4.7	2
4	Simultaneously improving the thermal stability, mechanical properties and flame retardancy of epoxy resin by a phosphorus/nitrogen/sulfur-containing reactive flame retardant. <i>Materials Today Communications</i> , 2022 , 30, 103108	2.5	1
3	Effects of phthalic anhydride polyester polyol on mechanical properties of polyurethane resin system based on polymethylene polyphenyl isocyanate-polypropylene glycol. <i>Plastics, Rubber and Composites</i> , 2018 , 47, 413-421	1.5	1
2	Multi-element heterocyclic compound derived from DOPO and thiadiazole toward flame-retardant epoxy resin with satisfactory mechanical properties. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 52036 ^{2.9}		0
1	Electrical resistance behavior of vinylester composites filled with glass-carbon hybrid fibers. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009 , 24, 295-299	1	