

Huajun Duan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8786797/huajun-duan-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

citations

9

h-index

17

g-index

26

ext. papers

532

ext. citations

3.8

avg, IF

4.16

L-index

#	Paper	IF	Citations
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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	2.1	15
13	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
12	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
11	Study on the Mechanical Properties of Polyurethane Based on PTMG-TMP System. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 1743-1751		3
10	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

9	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
8	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
7	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
6	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
5	Acrylate copolymers as impact modifier for epoxy resin. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015 , 30, 1210-1214	1	2
4	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	
3	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
2	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
1	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> , 2100569	3.9	3