

# Tingting Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

412  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of a microencapsulated flame retardant and its flame-retardant mechanism in unsaturated polyester resins. <i>Powder Technology</i> , 2019, 354, 71-81.	4.2	54
2	Flame retardancy of unsaturated polyester composites with modified ammonium polyphosphate, montmorillonite, and zinc borate. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47180.	2.6	40
3	Modified montmorillonite combined with intumescent flame retardants on the flame retardancy and thermal stability properties of unsaturated polyester resins. <i>Polymers for Advanced Technologies</i> , 2019, 30, 998-1009.	3.2	39
4	Metal-organic framework MIL-53 (Fe)/C/graphite carbon nitride hybrids with enhanced thermal stability, flame retardancy, and smoke suppression for unsaturated polyester resin. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2458-2467.	3.2	36
5	Enhanced flame retardancy of unsaturated polyester resin composites containing ammonium polyphosphate and metal oxides. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49148.	2.6	28
6	Polyaniline-modified Fe <sub>2</sub> O <sub>3</sub> / expandable graphite: A system for promoting the flame retardancy, mechanical properties and electrical properties of epoxy resin. <i>Powder Technology</i> , 2021, 378, 359-370.	4.2	21
7	Solvent-free and electron transfer-induced phosphorus and nitrogen-containing heterostructures for multifunctional epoxy resin. <i>Composites Part B: Engineering</i> , 2022, 240, 109999.	12.0	21
8	Preparation of phosphorylated chitosan-coated carbon microspheres as flame retardant and its application in unsaturated polyester resin. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1933-1942.	3.2	20
9	Construction of a ternary channel efficient passive cooling composites with solar-reflective, thermoemissive, and thermoconductive properties. <i>Composites Science and Technology</i> , 2021, 207, 108743.	7.8	20
10	Surface-modified ammonium polyphosphate with (3-aminopropyl) triethoxysilane, pentaerythritol and melamine dramatically improve flame retardancy and thermal stability of unsaturated polyester resin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 3479-3488.	3.6	19
11	Synergistic Effects of Graphene and Ammonium Polyphosphate Modified with Vinyltrimethoxysilane on the Properties of High-Impact Polystyrene Composites. <i>Polymers</i> , 2021, 13, 881.	4.5	15
12	Improving fire resistance of epoxy resin using electrolytic manganese residue-based zeolites modified with metal-organic framework ligands. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 153, 106726.	7.6	15
13	Polymerization of hydroxylated graphitic carbon nitride as an efficient flame retardant for epoxy resins. <i>Composites Communications</i> , 2022, 29, 101018.	6.3	13
14	Preparation of microencapsulated aluminum hypophosphite and its flame retardancy of the unsaturated polyester resin composites. <i>Polymer Bulletin</i> , 2021, 78, 5337-5354.	3.3	12
15	<sc>Layer-by-layer</sc> assembled bagasse to enhance the fire safety of epoxy resin: A renewable environmental friendly flame retardant. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50032.	2.6	11
16	Fabrication of diatomite-based microencapsulated flame retardant and its improved fire safety of unsaturated polyester resin. <i>Polymers for Advanced Technologies</i> , 2020, 31, 967-979.	3.2	10
17	Synthesis of phosphorus and silicon co-doped graphitic carbon nitride and its combination with ammonium polyphosphate to enhance the flame retardancy of epoxy resin. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51614.	2.6	9
18	Multi-walled carbon nanotubes encapsulated by graphitic carbon nitride with simultaneously co-doping of B and P and ammonium polyphosphate to improve flame retardancy of unsaturated polyester resins. <i>Materials Chemistry and Physics</i> , 2022, 277, 125594.	4.0	9

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19	A new type terephthalonitrile derivative flame retardant of DOPO compound with hydroxyl and amino groups on epoxy resin. Journal of Applied Polymer Science, 2022, 139, .	2.6	9
20	Investigation on suppression of melamine polyphosphate on acrylonitrile-butadiene-styrene dust explosion. Process Safety Progress, 2021, 40, 345-354.	1.0	6
21	Surface modification of cellulose nanocrystal and its applications in flame retardant epoxy resin. Journal of Applied Polymer Science, 2022, 139, .	2.6	5