

Yi Tan

List of Publications by Year in descending order

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15
papers

1,702
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Mono-Component Polymeric Intumescent Flame Retardant for Polypropylene: Preparation and Application. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7363-7370.	8.0	268
2	Ammonium polyphosphate chemically-modified with ethanolamine as an efficient intumescent flame retardant for polypropylene. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13955.	10.3	220
3	Novel Multifunctional Organic-Inorganic Hybrid Curing Agent with High Flame-Retardant Efficiency for Epoxy Resin. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17919-17928.	8.0	213
4	A novel and feasible approach for one-pack flame-retardant epoxy resin with long pot life and fast curing. <i>Chemical Engineering Journal</i> , 2018, 337, 30-39.	12.7	212
5	Flame retardation of polypropylene via a novel intumescent flame retardant: Ethylenediamine-modified ammonium polyphosphate. <i>Polymer Degradation and Stability</i> , 2014, 106, 88-96.	5.8	160
6	Piperazine-modified ammonium polyphosphate as monocomponent flame-retardant hardener for epoxy resin: flame retardance, curing behavior and mechanical property. <i>Polymer Chemistry</i> , 2016, 7, 3003-3012.	3.9	126
7	Inherently Flame-Retardant Flexible Polyurethane Foam with Low Content of Phosphorus-Containing Cross-Linking Agent. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 1160-1171.	3.7	123
8	Flame retardant mechanism of an efficient flame-retardant polymeric synergist with ammonium polyphosphate for polypropylene. <i>Polymer Degradation and Stability</i> , 2013, 98, 2011-2020.	5.8	100
9	Polyethyleneimine modified ammonium polyphosphate toward polyamine-hardener for epoxy resin: Thermal stability, flame retardance and smoke suppression. <i>Polymer Degradation and Stability</i> , 2016, 131, 62-70.	5.8	88
10	An Effective Flame Retardant and Smoke Suppression Oligomer for Epoxy Resin. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 9397-9404.	3.7	67
11	A reactive phosphorus-containing polyol incorporated into flexible polyurethane foam: Self-extinguishing behavior and mechanism. <i>Polymer Degradation and Stability</i> , 2018, 153, 192-200.	5.8	59
12	Novel crosslinkable epoxy resins containing phenylacetylene and azobenzene groups: From thermal crosslinking to flame retardance. <i>Polymer Degradation and Stability</i> , 2015, 122, 66-76.	5.8	42
13	Durability of the flame retardance of ethylene-vinyl acetate copolymer cables: Comparing different flame retardants exposed to different weathering conditions. <i>Journal of Applied Polymer Science</i> , 2020, 137, 47548.	2.6	9
14	Degradation of flame retardance: A comparison of ethylene-vinyl acetate and low-density polyethylene cables with two different metal hydroxides. <i>Journal of Applied Polymer Science</i> , 2021, 138, app50149.	2.6	8
15	Mechanism Underlying Flow Velocity and Its Corresponding Influence on the Growth of <i>Euglena gracilis</i> , a Dominant Bloom Species in Reservoirs. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4641.	2.6	7