Yong Qiu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4185682/publications.pdf

Version: 2024-02-01

37 papers	1,783 citations	304743 22 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	880 citing authors

#	Article	IF	Citations
1	Thermal degradation behavior of the compound containing phosphaphenanthrene and phosphazene groups and its flame retardant mechanism on epoxy resin. Polymer, 2011, 52, 5486-5493.	3.8	251
2	Pyrolysis route of a novel flame retardant constructed by phosphaphenanthrene and triazine-trione groups and its flame-retardant effect on epoxy resin. Polymer Degradation and Stability, 2014, 107, 98-105.	5.8	173
3	Toughening Effect and Flame-Retardant Behaviors of Phosphaphenanthrene/Phenylsiloxane Bigroup Macromolecules in Epoxy Thermoset. Macromolecules, 2018, 51, 9992-10002.	4.8	144
4	High-performance flame retardancy by char-cage hindering and free radical quenching effects in epoxy thermosets. Polymer, 2015, 68, 262-269.	3.8	123
5	High-efficiency flame retardant behavior of bi-DOPO compound with hydroxyl group on epoxy resin. Polymer Degradation and Stability, 2019, 166, 344-352.	5.8	113
6	The flame retardant groupâ€synergisticâ€effect of a phosphaphenanthrene and triazine doubleâ€group compound in epoxy resin. Journal of Applied Polymer Science, 2014, 131, .	2.6	92
7	High-performance flame retardant epoxy resin based on a bi-group molecule containing phosphaphenanthrene and borate groups. Polymer Degradation and Stability, 2018, 153, 210-219.	5.8	69
8	Improving the fracture toughness and flame retardant properties of epoxy thermosets by phosphaphenanthrene/siloxane cluster-like molecules with multiple reactive groups. Composites Part B: Engineering, 2019, 178, 107481.	12.0	69
9	The improvement of fire safety performance of flexible polyurethane foam by Highly-efficient P-N-S elemental hybrid synergistic flame retardant. Journal of Colloid and Interface Science, 2022, 606, 768-783.	9.4	59
10	Flame-retardant effect of a novel phosphaphenanthrene/triazine-trione bi-group compound on an epoxy thermoset and its pyrolysis behaviour. RSC Advances, 2016, 6, 56018-56027.	3.6	57
11	Synergistic flameâ€retardant effect and mechanisms of boron/phosphorus compounds on epoxy resins. Polymers for Advanced Technologies, 2018, 29, 641-648.	3.2	56
12	Intumescent flame retardant behavior of charring agents with different aggregation of piperazine/triazine groups in polypropylene. Polymer Degradation and Stability, 2019, 169, 108982.	5.8	53
13	Career Adaptability, Work Engagement, and Employee Well-Being Among Chinese Employees: The Role of Guanxi. Frontiers in Psychology, 2019, 10, 1029.	2.1	45
14	Epoxy thermoset with enhanced flame retardancy and physical-mechanical properties based on reactive phosphaphenanthrene compound. Polymer Degradation and Stability, 2020, 172, 109063.	5.8	40
15	Flame-retardant behavior of bi-group molecule derived from phosphaphenanthrene and triazine groups on polylactic acid. Polymers for Advanced Technologies, 2016, 27, 781-788.	3.2	38
16	Flame retardant and toughening behaviors of bioâ€based DOPOâ€containing curing agent in epoxy thermoset. Polymers for Advanced Technologies, 2020, 31, 461-471.	3.2	33
17	Pyrolysis and flame retardant behavior of a novel compound with multiple phosphaphenanthrene groups in epoxy thermosets. Journal of Analytical and Applied Pyrolysis, 2017, 127, 23-30.	5.5	30
18	Impact on flame retardancy and degradation behavior of intumescent flameâ€retardant <scp>EP</scp> composites by a hyperbranched triazineâ€based charring agent. Polymers for Advanced Technologies, 2020, 31, 3316-3327.	3.2	30

#	Article	IF	Citations
19	The effect of morphology on the flameâ€retardant behaviors of melamine cyanurate in PA6 composites. Journal of Applied Polymer Science, 2014, 131, .	2.6	24
20	Enhancement of an organicâ€“metallic hybrid charring agent on flame retardancy of ethylene-vinyl acetate copolymer. Royal Society Open Science, 2019, 6, 181413.	2.4	24
21	Synergistic Charring Flame-Retardant Behavior of Polyimide and Melamine Polyphosphate in Glass Fiber-Reinforced Polyamide 66. Polymers, 2019, 11, 1851.	4.5	24
22	Flame Inhibition and Charring Effect of Aromatic Polyimide and Aluminum Diethylphosphinate in Polyamide 6. Polymers, 2019, 11, 74.	4.5	23
23	High-performance flexible polyurethane foam based on hierarchical BN@MOF-LDH@APTES structure: Enhanced adsorption, mechanical and fire safety properties. Journal of Colloid and Interface Science, 2022, 609, 794-806.	9.4	23
24	Improved flame retardancy by synergy between cyclotetrasiloxane and phosphaphenanthrene/triazine compounds in epoxy thermoset. Polymer International, 2017, 66, 1883-1890.	3.1	22
25	Design of copper salt@graphene nanohybrids to accomplish excellent resilience and superior fire safety for flexible polyurethane foam. Journal of Colloid and Interface Science, 2022, 606, 1205-1218.	9.4	20
26	Flameâ€retardant behavior of a phosphorus/silicon compound on polycarbonate. Journal of Applied Polymer Science, 2018, 135, 45815.	2.6	19
27	Gaseous-phase flame retardant behavior of a multi-phosphaphenanthrene compound in a polycarbonate composite. RSC Advances, 2017, 7, 51290-51297.	3.6	18
28	Strengthen flame retardancy of epoxy thermoset by montmorillonite particles adhering phosphorusâ€containing fragments. Journal of Applied Polymer Science, 2020, 137, 47500.	2.6	18
29	Jointâ€aggregation intumescent flameâ€retardant effect of ammonium polyphosphate and charring agent in polypropylene. Polymers for Advanced Technologies, 2020, 31, 1699-1708.	3.2	15
30	Synergistic charring effect of triazinetrione-alkyl-phosphinate and phosphaphenanthrene derivatives in epoxy thermosets. RSC Advances, 2017, 7, 46505-46513.	3.6	14
31	Synthesis and Characterization of Aluminum 2-Carboxyethyl-Phenyl-Phosphinate and Its Flame-Retardant Application in Polyester. Polymers, 2019, 11, 1969.	4.5	14
32	Joint flameâ€retardant effect of triazineâ€rich and triazine/phosphaphenanthrene compounds on epoxy resin thermoset. Journal of Applied Polymer Science, 2016, 133, .	2.6	12
33	Why Am I Willing to Speak Up? The Impact of Spiritual Leadership on Employee Voice Behavior. Frontiers in Psychology, 2019, 10, 2718.	2.1	11
34	Applications of GO/OAâ€POSS Layerâ€byâ€Layer selfâ€assembly nanocoating on flame retardancy and smoke suppression of flexible polyurethane foam. Polymers for Advanced Technologies, 2021, 32, 4516-4530.	3.2	10
35	A novel high phosphorusâ€efficiency phosphaphenanthrene curing agent for fabricating flame retardant and toughened epoxy thermoset. Polymers for Advanced Technologies, 2022, 33, 770-781.	3.2	10
36	Work engagement, tenure, and external opportunities moderate perceived high-performance work systems and affective commitment. Social Behavior and Personality, 2019, 47, 1-16.	0.6	4

#	Article	IF	Citations
37	Carbonizationâ€dominated synergistic behaviors of ammonium hypophosphite/<scp>EG</scp> composite in improving flame retardancy of flexible polyurethane foam. Polymers for Advanced Technologies, 2022, 33, 3238-3248.	3.2	3