Li Chen

List of Publications by Year
in descending order

143 papers	7,738 citations	36203 51 h-index	58464 82 g-index
146 all docs	146 docs citations	146 times ranked	4198 citing authors

#	Article	IF	Citations
1	Flame-Retardant multifunctional epoxy resin with high performances. Chemical Engineering Journal, 2022, 427, 132031.	6.6	106
2	Biomass-derived dynamic covalent epoxy thermoset with robust mechanical properties and facile malleability. Chinese Chemical Letters, 2022, 33, 3245-3248.	4.8	18
3	Multicycling of Epoxy Thermoset Through a Twoâ€Step Strategy of Alcoholysis and Hydrolysis using a Selfâ€Separating Catalysis System. ChemSusChem, 2022, 15, .	3.6	15
4	Electrochemical Ring-Opening Dicarboxylation of Strained Carbonâ€“Carbon Single Bonds with CO₂: Facile Synthesis of Diacids and Derivatization into Polyesters. Journal of the American Chemical Society, 2022, 144, 2062-2068.	6.6	75
5	Recyclable, malleable and intrinsically flame-retardant epoxy resin with catalytic transesterification. Chemosphere, 2022, 294, 133778.	4.2	48
6	Facile fabrication of intrinsically fire-safety epoxy resin cured with phosphorus-containing transition metal complexes for flame retardation, smoke suppression, and latent curing behavior. Chemical Engineering Journal, 2022, 442, 136097.	6.6	32
7	A bio-based epoxy resin derived from p-hydroxycinnamic acid with high mechanical properties and flame retardancy. Chinese Chemical Letters, 2022, 33, 4912-4917.	4.8	28
8	Integration of upcycling and closed-loop recycling through alternative cyclizationâ€“depolymerization. Green Chemistry, 2022, 24, 4490-4497.	4.6	16
9	Ultra-high fire-safety unsaturated polyesters enabled by self-assembled micro/nano rod from Schiff base, diphenylphosphinyl group and nickel (II) metal. Composites Part B: Engineering, 2022, 242, 110032.	5.9	19
10	Bio-based removable pressure-sensitive adhesives derived from carboxyl-terminated polyricinoleate and epoxidized soybean oil. Chinese Chemical Letters, 2021, 32, 875-879.	4.8	17
11	Highly Toughened and Heat-Resistant Poly(lactic acid) with Balanced Strength Using an Unsaturated Liquid Crystalline Polyester via Dynamic Vulcanization. ACS Applied Polymer Materials, 2021, 3, 299-309.	2.0	18
12	Controlling Cross-Linking Networks with Different Imidazole Accelerators toward High-Performance Epoxidized Soybean Oil-Based Thermosets. ACS Sustainable Chemistry and Engineering, 2021, 9, 3267-3277.	3.2	28
13	High-fire-safety thermoplastic polyester constructed by novel sulfonate with benzimidazole structure. Science China Materials, 2021, 64, 2067-2080.	3.5	14
14	Thermally induced end-group-capturing as an eco-friendly and general method for enhancing the fire safety of semi-aromatic polyesters. Polymer, 2021, 218, 123430.	1.8	13
15	Eco-friendly synergistic cross-linking flame-retardant strategy with smoke and melt-dripping suppression for condensation polymers. Composites Part B: Engineering, 2021, 211, 108664.	5.9	29
16	Dicarboxylation of alkenes, allenes and (hetero)arenes with CO2 via visible-light photoredox catalysis. Nature Catalysis, 2021, 4, 304-311.	16.1	104
17	Semi-aromatic polyamides containing fluorenyl pendent toward excellent thermal stability, mechanical properties and dielectric performance. Polymer, 2021, 224, 123757.	1.8	19
18	Effects of curing temperature on the structure and properties of epoxy resin-poly(Îµ-caprolactam) blends. Polymer, 2021, 228, 123940.	1.8	15

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19	Novel polyamide 6 composites based on Schiff-base containing phosphonate oligomer: High flame retardancy, great processability and mechanical property. Composites Part A: Applied Science and Manufacturing, 2021, 146, 106423.	3.8	45
20	Small change, big impact: Simply tailoring the substitution position towards significant improvement of flame retardancy. Composites Part B: Engineering, 2021, 223, 109109.	5.9	13
21	Low Loading of Tannic Acid-Functionalized WS₂ Nanosheets for Robust Epoxy Nanocomposites. ACS Applied Nano Materials, 2021, 4, 10419-10429.	2.4	15
22	A novel phosphorus-containing semi-aromatic polyester toward flame retardancy and enhanced mechanical properties of epoxy resin. Chemical Engineering Journal, 2020, 380, 122471.	6.6	110
23	Novel phosphorus-containing imidazolium as hardener for epoxy resin aiming at controllable latent curing behavior and flame retardancy. Composites Part B: Engineering, 2020, 184, 107673.	5.9	87
24	Epoxy resin composites reinforced and fire-retarded by surficially-treated carbon fibers via a tunable and facile process. Composites Science and Technology, 2020, 187, 107945.	3.8	43
25	Fully Bio-Based Pressure-Sensitive Adhesives with High Adhesivity Derived from Epoxidized Soybean Oil and Rosin Acid. ACS Sustainable Chemistry and Engineering, 2020, 8, 13261-13270.	3.2	39
26	Highly Flame-Retardant Liquid Crystalline Polymers. Polymers and Polymeric Composites, 2020, , 549-575.	0.6	0
27	Vanillin-Based Epoxy Vitrimer with High Performance and Closed-Loop Recyclability. Macromolecules, 2020, 53, 621-630.	2.2	220
28	An efficient liquid crystalline ionomer <scp>Î²â€nucleating</scp> agent featuring Ï€â€Ï€ stacking and ionic interactions for isotactic polypropylene. Polymer Crystallization, 2020, 3, e10125.	0.5	3
29	Green flame-retardant flexible polyurethane foam based on cyclodextrin. Polymer Degradation and Stability, 2020, 178, 109171.	2.7	52
30	Tuning the Pendent Groups of Semiaromatic Polyamides toward High Performance. Macromolecules, 2020, 53, 3504-3513.	2.2	9
31	Toughening Epoxy Resin Using a Liquid Crystalline Elastomer for Versatile Application. ACS Applied Polymer Materials, 2019, 1, 2291-2301.	2.0	32
32	Thiazolium as Singleâ€Group Bifunctional Catalyst for Selectively Bulk Melt ROP of Cyclic Esters. ChemCatChem, 2019, 11, 3388-3392.	1.8	6
33	NIR light manipulated â€œpaper artâ€•for customizing devices with sophisticated structure from DA-epoxy/graphene composites. Composites Part B: Engineering, 2019, 177, 107369.	5.9	6
34	Flexible and electro-induced shape memory Poly(Lactic Acid)-based material constructed by inserting a main-chain liquid crystalline and selective localization of carbon nanotubes. Composites Science and Technology, 2019, 173, 1-6.	3.8	30
35	Semi-aromatic copolyesters with high strength and fire safety via hydrogen bonds and Ï€-Ï€ stacking. Chemical Engineering Journal, 2019, 374, 694-705.	6.6	63
36	Fireâ€Safe Polyesters Enabled by Endâ€Group Capturing Chemistry. Angewandte Chemie - International Edition, 2019, 58, 9188-9193.	7.2	72

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37	Fireâ€Safe Polyesters Enabled by Endâ€Group Capturing Chemistry. Angewandte Chemie, 2019, 131, 9286-9291.	1.6	2
38	Highly Flame-Retardant Liquid Crystalline Polymers. , 2019, , 1-27.		0
39	Latent curing epoxy system with excellent thermal stability, flame retardance and dielectric property. Chemical Engineering Journal, 2018, 347, 223-232.	6.6	181
40	A novel and feasible approach for one-pack flame-retardant epoxy resin with long pot life and fast curing. Chemical Engineering Journal, 2018, 337, 30-39.	6.6	212
41	A hybrid flame retardant for semi-aromatic polyamide: Unique structure towards self-compatibilization and flame retardation. Chemical Engineering Journal, 2018, 334, 1046-1054.	6.6	37
42	Epoxidized soybean oil cured with tannic acid for fully bio-based epoxy resin. RSC Advances, 2018, 8, 26948-26958.	1.7	86
43	Layer-by-layer assembled flame-retardant architecture toward high-performance carbon fiber composite. Chemical Engineering Journal, 2018, 353, 550-558.	6.6	88
44	Physio- and chemo-dual crosslinking toward thermoand photo-response of azobenzene-containing liquid crystalline polyester. Science China Materials, 2018, 61, 1225-1236.	3.5	12
45	Carbon Fibers Decorated by Polyelectrolyte Complexes Toward Their Epoxy Resin Composites with High Fire Safety. Chinese Journal of Polymer Science (English Edition), 2018, 36, 1375-1384.	2.0	54
46	Chain Folding in Main-Chain Liquid Crystalline Polyester with Strong Ï€â€“Ï€ Interaction: An Efficient Î²-Nucleating Agent for Isotactic Polypropylene. Macromolecules, 2017, 50, 1610-1617.	2.2	72
47	Photothermal Conversion Triggered Precisely Targeted Healing of Epoxy Resin Based on Thermoreversible Dielsâ€“Alder Network and Amino-Functionalized Carbon Nanotubes. ACS Applied Materials & Interfaces, 2017, 9, 20797-20807.	4.0	95
48	Flame-Retardant Pressure-Sensitive Adhesives Derived from Epoxidized Soybean Oil and Phosphorus-Containing Dicarboxylic Acids. ACS Sustainable Chemistry and Engineering, 2017, 5, 3353-3361.	3.2	69
49	Azobenzene-containing liquid crystalline polyester with Ï€â€“Ï€ interactions: diverse thermo- and photo-responsive behaviours. Journal of Materials Chemistry C, 2017, 5, 3306-3314.	2.7	46
50	Fire behavior of novel imidized norbornene-containing poly(ethylene terephthalate) copolymers: Influence of retro-Diels-Alder reaction at high temperature. Polymer Degradation and Stability, 2017, 146, 105-112.	2.7	18
51	Novel liquid crystalline copolyester containing amphi-mesogenic units toward multiple stimuli-response behaviors. Journal of Materials Chemistry C, 2017, 5, 9702-9711.	2.7	19
52	Epoxy resin flame-retarded via a novel melamine-organophosphinic acid salt: Thermal stability, flame retardance and pyrolysis behavior. Journal of Analytical and Applied Pyrolysis, 2017, 128, 54-63.	2.6	116
53	Effect of different dimensional carbon nanoparticles on the shape memory behavior of thermotropic liquid crystalline polymer. Composites Science and Technology, 2017, 138, 8-14.	3.8	43
54	Piperazine-modified ammonium polyphosphate as monocomponent flame-retardant hardener for epoxy resin: flame retardance, curing behavior and mechanical property. Polymer Chemistry, 2016, 7, 3003-3012.	1.9	126

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55	Preparation and characterization of Poly(vinyl alcohol)/graphene nanocomposite with enhanced thermal stability using PEtVIm-Br as stabilizer and compatibilizer. Polymer Degradation and Stability, 2016, 131, 42-52.	2.7	15
56	Polyethyleneimine modified ammonium polyphosphate toward polyamine-hardener for epoxy resin: Thermal stability, flame retardance and smoke suppression. Polymer Degradation and Stability, 2016, 131, 62-70.	2.7	88
57	Thermal transition behaviors, solubility, and mechanical properties of wholly aromatic para-, meta-poly(ether-amide)s: effect on numbers of para-aryl ether linkages. RSC Advances, 2016, 6, 84284-84293.	1.7	4
58	Flexible Material Based on Poly(lactic acid) and Liquid Crystal with Multishape Memory Effects. ACS Sustainable Chemistry and Engineering, 2016, 4, 3820-3829.	3.2	18
59	Inherent flame retardation of semi-aromatic polyesters via binding small-molecule free radicals and charring. Polymer Chemistry, 2016, 7, 1584-1592.	1.9	43
60	A Novel Organophosphorus Hybrid with Excellent Thermal Stability: Coreâ€“Shell Structure, Hybridization Mechanism, and Application in Flame Retarding Semi-Aromatic Polyamide. ACS Applied Materials & Interfaces, 2016, 8, 881-890.	4.0	38
61	Poly(piperazinyl phosphamide): a novel highly-efficient charring agent for an EVA/APP intumescent flame retardant system. RSC Advances, 2016, 6, 30436-30444.	1.7	51
62	Phenylmaleimide-containing PET-based copolyester: cross-linking from 2Ï€ + Ï€ cycloaddition toward flame retardance and anti-dripping. Polymer Chemistry, 2016, 7, 2698-2708.	1.9	63
63	Main-chain liquid crystalline ionomers with a nonplanar ionic segment. RSC Advances, 2015, 5, 48541-48550.	1.7	8
64	Phosphorus-containing copolyesters: The effect of ionic group and itsÂanalogous phosphorus heterocycles on their flame-retardant and anti-dripping performances. Polymer, 2015, 60, 50-61.	1.8	74
65	PBT/PC Blends Compatibilized and Toughened via Copolymers in Situ Formed by MgO-Catalyzed Transesterification. Industrial & Engineering Chemistry Research, 2015, 54, 1282-1291.	1.8	30
66	Morphology development of PP/POE blends with high loading of magnesium hydroxide. RSC Advances, 2015, 5, 17967-17975.	1.7	9
67	PET-based copolyesters with bisphenol A or bisphenol F structural units: Their distinct differences in pyrolysis behaviours and flame-retardant performances. Polymer Degradation and Stability, 2015, 120, 158-168.	2.7	17
68	Block self-cross-linkable poly(ethylene terephthalate) copolyester via solid-state polymerization: Crystallization, cross-linking, and flame retardance. Polymer, 2015, 70, 68-76.	1.8	27
69	Novel Multifunctional Organicâ€“Inorganic Hybrid Curing Agent with High Flame-Retardant Efficiency for Epoxy Resin. ACS Applied Materials & Interfaces, 2015, 7, 17919-17928.	4.0	213
70	Novel crosslinkable epoxy resins containing phenylacetylene and azobenzene groups: From thermal crosslinking to flame retardance. Polymer Degradation and Stability, 2015, 122, 66-76.	2.7	42
71	A new approach to improving flame retardancy, smoke suppression and anti-dripping of PET: Via arylene-ether units rearrangement reactions at high temperature. Polymer, 2015, 77, 21-31.	1.8	39
72	Effect of two types of iron MMTs on the flame retardation of LDPE composite. Polymer Degradation and Stability, 2014, 103, 1-10.	2.7	32

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73	Synergistic flameâ€retardant effect of halloysite nanotubes on intumescent flame retardant in LDPE. Journal of Applied Polymer Science, 2014, 131, .	1.3	23
74	A flame-retardant-free and thermo-cross-linkable copolyester: Flame-retardant and anti-dripping mode of action. Polymer, 2014, 55, 2394-2403.	1.8	124
75	Flame retardation of polypropylene via a novel intumescent flame retardant: Ethylenediamine-modified ammonium polyphosphate. Polymer Degradation and Stability, 2014, 106, 88-96.	2.7	160
76	An Efficient Mono-Component Polymeric Intumescent Flame Retardant for Polypropylene: Preparation and Application. ACS Applied Materials & Interfaces, 2014, 6, 7363-7370.	4.0	268
77	A phosphorus-containing PET ionomer: from ionic aggregates to flame retardance and restricted melt-dripping. Polymer Chemistry, 2014, 5, 1982-1991.	1.9	55
78	Ammonium polyphosphate chemically-modified with ethanolamine as an efficient intumescent flame retardant for polypropylene. Journal of Materials Chemistry A, 2014, 2, 13955.	5.2	220
79	Organicâ€“inorganic hybrid flame retardant: preparation, characterization and application in EVA. RSC Advances, 2014, 4, 17812.	1.7	61
80	Phosphorus-containing thermotropic liquid crystalline polymers: a class of efficient polymeric flame retardants. Polymer Chemistry, 2014, 5, 3737.	1.9	56
81	Influence of Valence and Structure of Phosphorus-Containing Melamine Salts on the Decomposition and Fire Behaviors of Flexible Polyurethane Foams. Industrial & Engineering Chemistry Research, 2014, 53, 8773-8783.	1.8	49
82	Inherently Flame-Retardant Flexible Polyurethane Foam with Low Content of Phosphorus-Containing Cross-Linking Agent. Industrial & Engineering Chemistry Research, 2014, 53, 1160-1171.	1.8	123
83	A novel flame-retardant acrylonitrile-butadiene-styrene system based on aluminum isobutylphosphinate and red phosphorus: Flame retardance, thermal degradation and pyrolysis behavior. Polymer Degradation and Stability, 2014, 109, 184-193.	2.7	38
84	Acrylonitrileâ€“Butadieneâ€“Styrene Terpolymer with Metal Hypophosphites: Flame Retardance and Mechanism Research. Industrial & Engineering Chemistry Research, 2014, 53, 2299-2307.	1.8	30
85	Thermal degradation, flame retardance and mechanical properties of thermoplastic polyurethane composites based on aluminum hypophosphite. Chinese Journal of Polymer Science (English Edition), 2014, 32, 98-107.	2.0	35
86	Chain folding in main-chain liquid crystalline polyesters: from Ï€â€“Ï€ stacking toward shape memory. Journal of Materials Chemistry C, 2014, 2, 6155.	2.7	52
87	Thermal Transition Behavior, Thermal Stability, and Flame Retardancy of Low-Melting-Temperature Copolyester: Comonomer Effect. Industrial & Engineering Chemistry Research, 2013, 52, 4539-4546.	1.8	11
88	Synergistic Effect of Layered Nanofillers in Intumescent Flame-Retardant EPDM: Montmorillonite versus Layered Double Hydroxides. Industrial & Engineering Chemistry Research, 2013, 52, 8454-8463.	1.8	67
89	Phosphorus-Containing Poly(ethylene terephthalate): Solid-State Polymerization and Its Sequential Distribution. Industrial & Engineering Chemistry Research, 2013, 52, 5326-5333.	1.8	23
90	Aluminum Hydroxymethylphosphinate and Melamine Pyrophosphate: Synergistic Flame Retardance and Smoke Suppression for Glass Fiber Reinforced Polyamide 6. Industrial & Engineering Chemistry Research, 2013, 52, 15613-15620.	1.8	14

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91	Main-chain liquid crystalline copolyesters with a phosphorus-containing non-coplanar moiety. Polymer Chemistry, 2013, 4, 329-336.	1.9	10
92	The high-temperature self-crosslinking contribution of azobenzene groups to the flame retardance and anti-dripping of copolyesters. Journal of Materials Chemistry A, 2013, 1, 9264.	5.2	56
93	Block phosphorus-containing poly(trimethylene terephthalate) copolyester via solid-state polymerization: retarded crystallization and melting behaviour. CrystEngComm, 2013, 15, 2688.	1.3	24
94	Synthesis of functionalized Î±-zirconium phosphate modified with intumescent flame retardant and its application in poly(lactic acid). Polymer Degradation and Stability, 2013, 98, 1731-1737.	2.7	56
95	Phosphorus-containing poly(trimethylene terephthalate) derived from 2-(6-oxido-6H-dibenzâ€ˆc,eâ€‰â€ˆ1,2â€‰oxaphosphorin-6-yl)-1,4-hydroxyethoxy phenylene: Synthesis, thermal degradation, combustion and pyrolysis behavior. Journal of Analytical and Applied Pyrolysis, 2013, 99, 40-48.	2.6	17
96	Synergistic Effect between Aluminum Hypophosphite and Alkyl-Substituted Phosphinate in Flame-Retarded Polyamide 6. Industrial & Engineering Chemistry Research, 2013, 52, 17162-17170.	1.8	48
97	Aluminum Hypophosphite versus Alkyl-Substituted Phosphinate in Polyamide 6: Flame Retardance, Thermal Degradation, and Pyrolysis Behavior. Industrial & Engineering Chemistry Research, 2013, 52, 2875-2886.	1.8	104
98	An Effective Flame Retardant and Smoke Suppression Oligomer for Epoxy Resin. Industrial & Engineering Chemistry Research, 2013, 52, 9397-9404.	1.8	67
99	Thermal Degradation and Fire Behaviors of Glass Fiber Reinforced PA6 Flame Retarded by Combination of Aluminum Hypophosphite with Melamine Derivatives. ACS Symposium Series, 2012, , 167-182.	0.5	3
100	A novel phosphorus-containing flame retardant for the formaldehyde-free treatment of cotton fabrics. Polymer Degradation and Stability, 2012, 97, 2487-2491.	2.7	82
101	A novel flame-retardant-free copolyester: cross-linking towards self extinguishing and non-dripping. Journal of Materials Chemistry, 2012, 22, 19849.	6.7	78
102	Intumescence: An effect way to flame retardance and smoke suppression for polystryene. Polymer Degradation and Stability, 2012, 97, 1423-1431.	2.7	151
103	Block phosphorus-containing poly(trimethylene terephthalate) copolyester via solid-state polymerization: Reaction kinetics and sequential distribution. Polymer, 2012, 53, 3520-3528.	1.8	6
104	A novel polymeric intumescent flame retardant: Synthesis, thermal degradation mechanism and application in ABS copolymer. Polymer Degradation and Stability, 2012, 97, 1772-1778.	2.7	59
105	Halogen-Free Flame-Retardant Flexible Polyurethane Foam with a Novel Nitrogenâ€“Phosphorus Flame Retardant. Industrial & Engineering Chemistry Research, 2012, 51, 9769-9776.	1.8	186
106	Enhanced Epoxy/Silica Composites Mechanical Properties by Introducing Graphene Oxide to the Interface. ACS Applied Materials & Interfaces, 2012, 4, 4398-4404.	4.0	288
107	A mainâ€chain phosphorusâ€containing poly(trimethylene terephthalate) copolyester: synthesis, characterization, and flame retardance. Polymers for Advanced Technologies, 2012, 23, 1276-1282.	1.6	14
108	Flameâ€retardant and physical properties of poly(vinyl alcohol) chemically modified by diethyl chlorophosphate. Journal of Applied Polymer Science, 2012, 125, 3517-3523.	1.3	15

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109	PET in situ composites improved both flame retardancy and mechanical properties by phosphorus-containing thermotropic liquid crystalline copolyester with aromatic ether moiety. Composites Science and Technology, 2012, 72, 649-655.	3.8	17
110	An efficient halogen-free flame retardant for glass-fibre-reinforced poly(butylene terephthalate). Polymer Degradation and Stability, 2012, 97, 158-165.	2.7	42
111	Pyrolysis study of poly(trimethylene terephthalate) and its phosphorus-containing copolyesters. Polymer Degradation and Stability, 2012, 97, 905-913.	2.7	15
112	Flameâ€retardant polycarbonate/acrylonitrileâ€butadieneâ€styrene based on red phosphorus encapsulated by polysiloxane: Flame retardance, thermal stability, and water resistance. Journal of Applied Polymer Science, 2012, 123, 2867-2874.	1.3	16
113	Synergistic effects of novolac-based char former with a phosphorus/nitrogen-containing flame retardant in polyamide 6. Chinese Journal of Polymer Science (English Edition), 2012, 30, 72-81.	2.0	9
114	Polyamide 6 with a flame retardant encapsulated by polyamide 66: Flame retardation, thermo-decomposition and the potential mechanism. Chinese Journal of Polymer Science (English) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50		
115	SYNTHESIS AND CHARACTERIZATION OF A FLAME-RETARDANT AND ANTI-DRIPPING COPOLYESTER. Acta Polymerica Sinica, 2012, 012, 1042-1046.	0.0	3
116	SYNTHESIS AND CHARACTERIZATION OF PHOSPHORUS-CONTAINING LIQUID CRYSTALLINE COPOLYESTERS BASED ON BIPHENYL-4,4â€²-DICARBOXYLIC ACID. Acta Polymerica Sinica, 2012, 012, 1177-1182.	0.0	2
117	Morphology and interference color in spherulite of poly(trimethylene terephthalate) copolyester with bulky linking pendent group. Physical Chemistry Chemical Physics, 2011, 13, 11067.	1.3	42
118	Flame-Retardant Effect of Sepiolite on an Intumescent Flame-Retardant Polypropylene System. Industrial & Engineering Chemistry Research, 2011, 50, 2047-2054.	1.8	142
119	Flame retardation of glass-fibre-reinforced polyamide 6 by a novel metal salt of alkylphosphinic acid. Polymer Degradation and Stability, 2011, 96, 1538-1545.	2.7	58
120	Effect of a phosphorus-containing flame retardant on the thermal properties and ease of ignition of poly(lactic acid). Polymer Degradation and Stability, 2011, 96, 1557-1561.	2.7	96
121	Inherent flame retardation of bio-based poly(lactic acid) by incorporating phosphorus linked pendent group into the backbone. Polymer Degradation and Stability, 2011, 96, 1669-1675.	2.7	47
122	In situ reinforced and flame-retarded polycarbonate by a novel phosphorus-containing thermotropic liquid crystalline copolyester. Polymer, 2011, 52, 4150-4157.	1.8	35
123	Synthesis of organo-modified Î±-zirconium phosphate and its effect on the flame retardancy of IFR poly(lactic acid) systems. Polymer Degradation and Stability, 2011, 96, 771-777.	2.7	82
124	Flame retardation of glassâ€fiberâ€reinforced polyamide 6 by combination of aluminum phenylphosphinate with melamine pyrophosphate. Polymers for Advanced Technologies, 2011, 22, 1166-1173.	1.6	27
125	A phosphorusâ€containing inorganic compound as an effective flame retardant for glassâ€fiberâ€reinforced polyamide 6. Journal of Applied Polymer Science, 2011, 119, 2379-2385.	1.3	69
126	An efficiently halogen-free flame-retardant long-glass-fiber-reinforced polypropylene system. Polymer Degradation and Stability, 2011, 96, 363-370.	2.7	95

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127	A novel efficient halogen-free flame retardant system for polycarbonate. Polymer Degradation and Stability, 2011, 96, 320-327.	2.7	93
128	A review on flame retardant technology in China. Part I: development of flame retardants. Polymers for Advanced Technologies, 2010, 21, 1-26.	1.6	123
129	A novel thermotropic liquid crystalline copolyester containing phosphorus and aromatic ether moity toward high flame retardancy and low mesophase temperature. Journal of Polymer Science Part A, 2010, 48, 1182-1189.	2.5	21
130	Aryl Polyphosphonates: Useful Halogen-Free Flame Retardants for Polymers. Materials, 2010, 3, 4746-4760.	1.3	79
131	Novel Flame-Retardant and Antidripping Branched Polyesters Prepared via Phosphorus-Containing Ionic Monomer as End-Capping Agent. Industrial & Engineering Chemistry Research, 2010, 49, 4190-4196.	1.8	42
132	Novel Inherently Flame-Retardant Poly(trimethylene Terephthalate) Copolyester with the Phosphorus-Containing Linking Pendent Group. Industrial & Engineering Chemistry Research, 2010, 49, 7052-7059.	1.8	45
133	Relationship between Microstructure and Mechanical Properties of Ethylene-Octene Copolymer Reinforced and Toughened PP. Journal of Macromolecular Science - Physics, 2009, 48, 351-364.	0.4	15
134	A novel phosphorusâ€containing copolyester with low melting temperature and high flame retardancy. Polymer International, 2009, 58, 1202-1208.	1.6	12
135	A novel phosphorusâ€containing thermotropic liquid crystalline poly(esterâ€imide) with high flame retardancy. Polymers for Advanced Technologies, 2009, 20, 378-383.	1.6	11
136	A kinked unitâ€containing thermotropic liquid crystalline copolyester with low glass transition temperature and broad phase transition temperature. Journal of Polymer Science Part A, 2009, 47, 4703-4709.	2.5	22
137	Transesterification-controlled compatibility and microfibrillation in PCâ€“ABS composites reinforced by phosphorus-containing thermotropic liquid crystalline polyester. Polymer, 2009, 50, 3037-3046.	1.8	30
138	SYNTHESIS OF PHOSPHORUS-CONTAINING THERMOTROPIC LIQUID CRYSTALLINE COPOLYESTERS <I>via</I> SOLID-STATE POLYMERIZATION. Acta Polymerica Sinica, 2009, 009, 493-498.	0.0	6
139	A phosphorusâ€containing thermotropic liquid crystalline copolyester with low mesophase temperature and high flame retardance. Journal of Polymer Science Part A, 2008, 46, 5752-5759.	2.5	41
140	A novel charring agent containing caged bicyclic phosphate and its application in intumescent flame retardant polypropylene systems. Journal of Industrial and Engineering Chemistry, 2008, 14, 589-595.	2.9	117
141	Chain Extension of Polyamide 6 Using Bisoxazoline Coupling Agents. Journal of Macromolecular Science - Physics, 2008, 47, 986-999.	0.4	27
142	Effect of Modified Intumescent Flame Retardant via Surfactant/Polyacrylate Latex on Properties of Intumescent Flame Retardant ABS Composites. Journal of Macromolecular Science - Physics, 2008, 47, 1087-1095.	0.4	10
143	Acrylate Elastomer Toughened and UV Stabilized Polyoxymethylene. Journal of Macromolecular Science - Physics, 2007, 46, 411-421.	0.4	16