Xiangmei Li

List of Publications by Year
in descending order

34	1,376	471509 17	377865 34
papers	citations	h-index	g-index

34	34	34	997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ammonium polyphosphate/montmorillonite nanocomposite with a completely exfoliated structure and charringâ€“foaming agent flame retardant thermoplastic polyurethane. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 283, 115825.	3.5	16
2	Nickle nanocrystals decorated on graphitic nanotubes with broad channels for fire hazard reduction of epoxy resin. Journal of Hazardous Materials, 2021, 402, 123880.	12.4	25
3	Melamine-based polyol containing phosphonate and alkynyl groups and its application in rigid polyurethane foam. Journal of Materials Science, 2021, 56, 870-885.	3.7	9
4	The effects of DOPO modified Co-based metalorganic framework on flame retardancy, stiffness and thermal stability of epoxy resin. RSC Advances, 2021, 11, 6781-6790.	3.6	8
5	High thermal stability and low flammability for Ethyleneâ€Vinyl acetate Monomer/Ethyleneâ€Propyleneâ€Diene Monomer by incorporating macromolecular charring agent. Polymers for Advanced Technologies, 2021, 32, 2444-2451.	3.2	4
6	Fabrication of Enhanced Mechanical Properties and Intrinsic Flame-Retardant Polyurethane Elastomer Containing 4-(Phenylethynyl) Di(Ethylene Glycol) Phthalate. Polymers, 2021, 13, 2388.	4.5	3
7	Toxicity analysis of second use lithium-ion battery separator and electrolyte. Polymer Testing, 2020, 81, 106175.	4.8	8
8	Mitigation the release of toxic PH3 and the fire hazard of PA6/AHP composite by MOFs. Journal of Hazardous Materials, 2020, 395, 122604.	12.4	33
9	Failure behavior of nylon products for red phosphorus flame retardant electrical connectors. RSC Advances, 2019, 9, 24935-24941.	3.6	4
10	Effects of an Organic-Inorganic Hybrid Containing Allyl Benzoxazine and POSS on Thermal Properties and Flame Retardancy of Epoxy Resin. Polymers, 2019, 11, 770.	4.5	20
11	Rheological behavior of polycarbonate/ultrafine octaphenyl silsesquioxane (OPS) composites. Journal of Applied Polymer Science, 2016, 133, .	2.6	10
12	The effect of pyrolysis gaseous and condensed char of PC/PPSQ composite on combustion behavior. Polymer Degradation and Stability, 2016, 129, 47-55.	5.8	16
13	Effects of polymerization conditions on particle size distribution in styreneâ€graphite suspension polymerization process. Journal of Applied Polymer Science, 2016, 133, .	2.6	6
14	Effects of triphenyl phosphate on styrene suspension polymerization process and flame retardance properties of polystyrene/triphenyl phosphate nanocomposite. Colloid and Polymer Science, 2016, 294, 1153-1163.	2.1	9
15	Facile Preparation and Characterization of Polystyrene/Triphenyl Phosphate Nanocomposite via Suspension Polymerization. Chemistry Letters, 2015, 44, 1762-1764.	1.3	2
16	Study on flame retardancy of TGDDM epoxy resins loaded with DOPO-POSS compound and OPS/DOPO mixture. Polymer Degradation and Stability, 2014, 99, 118-126.	5.8	67
17	The effects of APP, APP/MMT nanocomposites on the thermal degradation of ABS resin. Journal of Applied Polymer Science, 2014, 131, .	2.6	4
18	The study of char forming on OPS/PC and DOPOâ€POSS/PC composites. Journal of Applied Polymer Science, 2014, 131, .	2.6	10

#	Article	IF	Citations
19	Blowingâ€out effect and temperature profile in condensed phase in flame retarding epoxy resins by phosphorusâ€containing oligomeric silsesquioxane. Polymers for Advanced Technologies, 2013, 24, 951-961.	3.2	38
20	Investigations of epoxy resins flame-retarded by phenyl silsesquioxanes of cage and ladder structures. Polymer Degradation and Stability, 2013, 98, 246-254.	5.8	46
21	Thermal curing and degradation mechanism of polyhedral oligomeric octa(propargylaminophenyl)silsesquioxane. Polymer Degradation and Stability, 2013, 98, 281-287.	5.8	13
22	Curing and thermal behaviors of inorganicâ€“organic hybrid polyarylacetylene resins with polyhedral oligomeric octa(propargylaminophenyl)silsesquioxane. Journal of Applied Polymer Science, 2013, 128, 4361-4367.	2.6	4
23	Multidrug-resistant clones of community-associated meticillin-resistant Staphylococcus aureus isolated from Chinese children and the resistance genes to clindamycin and mupirocin. Journal of Medical Microbiology, 2012, 61, 1240-1247.	1.8	40
24	Blowing-out effect in epoxy composites flame retarded by DOPO-POSS and its correlation with amide curing agents. Polymer Degradation and Stability, 2012, 97, 1314-1324.	5.8	108
25	Study on mechanism of phosphorusâ€“silicon synergistic flame retardancy on epoxy resins. Polymer Degradation and Stability, 2012, 97, 2241-2248.	5.8	119
26	Flame retardancy mechanisms of phosphorusâ€containing polyhedral oligomeric silsesquioxane (DOPOâ€POSS) in polycarbonate/acrylonitrileâ€butadieneâ€styrene blends. Polymers for Advanced Technologies, 2012, 23, 588-595.	3.2	39
27	Study of the synergistic effect of silicon and phosphorus on the blowing-out effect of epoxy resin composites. Polymer Degradation and Stability, 2012, 97, 1041-1048.	5.8	94
28	Flame retardant mechanisms of phosphorusâ€containing polyhedral oligomeric silsesquioxane (DOPOâ€POSS) in polycarbonate composites. Journal of Applied Polymer Science, 2012, 124, 1848-1857.	2.6	47
29	Polycarbonate composites flameâ€retarded by polyphenylsilsesquioxane of ladder structure. Journal of Applied Polymer Science, 2012, 124, 4381-4388.	2.6	38
30	Mechanical, thermal properties, and flame retardancy of PC/ultrafine octaphenylâ€POSS composites. Journal of Applied Polymer Science, 2012, 124, 3807-3814.	2.6	57
31	Purity Analysis of Polyhedral Oligomeric Octa(nitrophenyl)silsesquioxane. Acta Chimica Sinica, 2012, 70, 1737.	1.4	3
32	Pyrolysis and fire behaviour of epoxy resin composites based on a phosphorus-containing polyhedral oligomeric silsesquioxane (DOPO-POSS). Polymer Degradation and Stability, 2011, 96, 1821-1832.	5.8	175
33	Novel flame retardancy effects of DOPO-POSS on epoxy resins. Polymer Degradation and Stability, 2011, 96, 2167-2173.	5.8	163
34	Mechanical and thermal properties and flame retardancy of phosphorus-containing polyhedral oligomeric silsesquioxane (DOPO-POSS)/polycarbonate composites. Polymer Degradation and Stability, 2010, 95, 2541-2546.	5.8	138