

Fubin Luo

List of Publications by Year in descending order

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17
papers

515
citations

687363

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888059

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17
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Green reduction of graphene oxide by polydopamine to a construct flexible film: superior flame retardancy and high thermal conductivity. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18542-18550.	10.3	116
2	Thermal degradation and flame retardancy of microencapsulated ammonium polyphosphate in rigid polyurethane foam. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1327-1335.	3.6	60
3	Anisotropic thermal conductivity and flame retardancy of nanocomposite based on mesogenic epoxy and reduced graphene oxide bulk. <i>Composites Science and Technology</i> , 2016, 132, 1-8.	7.8	48
4	An efficient phosphonate-based ionic liquid on flame retardancy and mechanical property of epoxy resin. <i>Journal of Materials Science</i> , 2017, 52, 13992-14003.	3.7	43
5	Reactive flame retardant with core-shell structure and its flame retardancy in rigid polyurethane foam. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	35
6	Enhanced thermal stability and flame retardancy of polyurethane foam composites with polybenzoxazine modified ammonium polyphosphates. <i>RSC Advances</i> , 2016, 6, 13418-13425.	3.6	35
7	Influence of Ionic Liquid-Based Metal-Organic Hybrid on Thermal Degradation, Flame Retardancy, and Smoke Suppression Properties of Epoxy Resin Composites. <i>Journal of Materials Science</i> , 2018, 53, 10135-10146.	3.7	33
8	Effect of cellulose whisker and ammonium polyphosphate on thermal properties and flammability performance of rigid polyurethane foam. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 717-723.	3.6	28
9	Simultaneous reduction and surface functionalization of graphene oxide for enhancing flame retardancy and thermal conductivity of mesogenic epoxy composites. <i>Polymer International</i> , 2017, 66, 98-107.	3.1	23
10	Intrinsically flame retarded foams based on melamine formaldehyde condensates: thermal and mechanical properties. <i>Polymer International</i> , 2017, 66, 779-786.	3.1	21
11	A novel intumescent flame retardant with nanocellulose as charring agent and its flame retardancy in polyurethane foam. <i>Polymer Composites</i> , 2017, 38, 2762-2770.	4.6	19
12	Surface modification of aluminum hypophosphite and its application for polyurethane foam composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 767-775.	3.6	15
13	Fabrication of high thermal conductive shape-stabilized polyethylene glycol/silica phase change composite by two-step sol gel method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 110, 106-112.	7.6	14
14	Fabrication of graphene/single wall carbon nanotubes/polyaniline composite gels as binder-free electrode materials. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46948.	2.6	8
15	Influence of a long-chain-containing reactive diluent on the structure and mechanical properties of UV-cured films. <i>Polymer International</i> , 2016, 65, 1150-1156.	3.1	7
16	Synthesis and Characterization of a Lateral Phthalonitrile Functionalized Main-Chain Polybenzoxazine Precursor. <i>Macromolecular Research</i> , 2016, 24, 409-414.	2.4	5
17	Improvement in mechanical properties and thermal stability of solvent-based pressure-sensitive adhesives based on triazine heterocyclic monomer. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	5