

Li Dang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

193
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional group effect on flame retardancy, thermal, and mechanical properties of organophosphorus-based magnesium oxysulfate whiskers as a flame retardant in polypropylene. RSC Advances, 2017, 7, 21655-21665.	3.6	43
2	Study on the mechanism of surface modification of magnesium oxysulfate whisker. Applied Surface Science, 2014, 317, 325-331.	6.1	42
3	Effects of γ -zirconium phosphate and zirconium organophosphonate on the thermal, mechanical and flame retardant properties of intumescent flame retardant high density polyethylene composites. RSC Advances, 2020, 10, 30990-31002.	3.6	19
4	Flame retardancy and smoke suppression of molybdenum trioxide doped magnesium hydrate in flexible polyvinyl chloride. Polymers for Advanced Technologies, 2020, 31, 2108-2121.	3.2	14
5	Effects of different compatilizers on mechanical, crystallization and thermal properties of polypropylene/magnesium oxysulfate whisker composites. Journal of Adhesion Science and Technology, 2017, 31, 1839-1857.	2.6	10
6	Effects of polyether titanate coupling agent on the flame retardancy and mechanical properties of soft poly(vinyl chloride)/basic magnesium carbonate composites. Polymer Composites, 2020, 41, 3594-3605.	4.6	10
7	Synergistic effects of magnesium oxysulfate whisker and multiwalled carbon nanotube on flame retardancy, smoke suppression, and thermal properties of polypropylene. Journal of Applied Polymer Science, 2020, 137, 49210.	2.6	9
8	Influences of ZnO whisker based intumescent flame retardant on the mechanical, flame retardant and smoke suppression properties of polypropylene composites. Journal of Applied Polymer Science, 2021, 138, 51016.	2.6	9
9	Effects of different compatibilizing agents on the interfacial adhesion properties of polypropylene/magnesium oxysulfate whisker composites. Chinese Journal of Polymer Science (English) Tj ETQq1 13087843148rgBT /O		
10	Improving the flame retardancy of intumescent flame retardant/high density polyethylene composites using surfactant modified montmorillonite clay. Journal of Applied Polymer Science, 2022, 139, .	2.6	7
11	Crystallization, mechanical, thermal and rheological properties of polypropylene composites reinforced by magnesium oxysulfate whisker. Chinese Journal of Polymer Science (English Edition), 2017, 35, 659-671.	3.8	6
12	Effect of magnesium oxysulfate (MOS) morphology on the crystallization, mechanical, and rheological properties of polypropylene/MOS composites. Journal of Thermoplastic Composite Materials, 2019, 32, 710-726.	4.2	6
13	Mechanical and flame retardant properties of isotactic polypropylene/magnesium oxysulfate whisker composite. Journal of Thermoplastic Composite Materials, 2018, 31, 514-534.	4.2	5
14	Controllable fabrication of a hybrid containing dodecyl dihydrogen phosphate modified magnesium borate whisker/hydrated alumina for enhancing the fire safety and mechanical properties of epoxy resin. RSC Advances, 2022, 12, 7422-7432.	3.6	3
15	Surface treatment of magnesium oxysulfate whiskers through plasma polymerization. Surface and Interface Analysis, 2019, 51, 1316-1324.	1.8	2