Li Dang

List of Publications by Year
in descending order

15	193	1163117 8	1058476 14
papers	citations	h-index	g-index

15	15	15	177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the flame retardancy of intumescent flame retardant/highâ€density polyethylene composites using surfactantâ€modified montmorillonite clay. Journal of Applied Polymer Science, 2022, 139, .	2.6	7
2	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
3	Influences of <scp>4ZnO</scp>Â·<scp>B₂O₃</scp>Â·<scp>H₂O</scp> 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
4	Effects of Î±-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
5	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
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 oxysulte 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	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
9	Surface treatment of magnesium oxysulfate whiskers through plasma polymerization. Surface and Interface Analysis, 2019, 51, 1316-1324.	1.8	2
10	Mechanical and flame retardant properties of isotactic polypropylene/magnesium oxysulfate whisker composite. Journal of Thermoplastic Composite Materials, 2018, 31, 514-534.	4.2	5
11	Effects of different compatilizers on mechanical, crystallization and thermal properties of polypropylene/magensium oxysulfate whisker composites. Journal of Adhesion Science and Technology, 2017, 31, 1839-1857.	2.6	10
12	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
13	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
14	Effects of different compatibilizing agents on the interfacial adhesion properties of polypropylene/magnesium oxysulfate whisker composites. Chinese Journal of Polymer Science (English) Tj ETQq0 0 0 rgBT /Overlock 10	3.8	8
15	Study on the mechanism of surface modification of magnesium oxysulfate whisker. Applied Surface Science, 2014, 317, 325-331.	6.1	42