Weibing Xu

List of Publications by Year
in descending order

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34	881	687363 13	454955 30
papers	citations	h-index	g-index

34	34	34	1046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and properties of unsaturated modified linoleate for fast UV-curable coatings. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 2707-2716.	2.3	1
2	The effect of surface morphology on the peel performance of UV-induced adhesion-reducing adhesives. Materials Research Express, 2022, 9, 025302.	1.6	2
3	A study on the viscosity reduction mechanism of high-filled silicone potting adhesive by the formation of Al₂O₃ clusters. RSC Advances, 2022, 12, 10097-10104.	3.6	1
4	Preparation of heat resistant boron-containing phenyl silicone oil and its initial degradation mechanism in air. Materials Research Express, 2021, 8, 065304.	1.6	6
5	Activating atomically dispersed Coâ€“N/C sites on g-C₃N₄ nanosheets via incorporating sulfur enables efficient visible light H₂ evolution. Sustainable Energy and Fuels, 2021, 6, 170-178.	4.9	4
6	Synthesis and Characterization of High Heat Resistant Hydroxyl Silicone Oil with Boron and Sulfoxide in Backbone. Silicon, 2020, 12, 2203-2210.	3.3	4
7	Effect of 17-4PH stainless steel powders interaction on feedstocks. Powder Technology, 2020, 372, 204-211.	4.2	4
8	An outstanding heat-resistant hydroxyl boronâ€“silicone oil with hyperconjugation action in backbone. Journal of Thermal Analysis and Calorimetry, 2018, 132, 1825-1831.	3.6	7
9	Simple method for preparation of thermally expandable microspheres of PMMA encapsulating NaHCO₃ via thermally induced phase separation. Journal of Applied Polymer Science, 2018, 135, 46179.	2.6	5
10	Water as Blowing Agent: Preparation of Environmental Thermally Expandable Microspheres via Inverse Suspension Polymerization. Polymer-Plastics Technology and Engineering, 2018, 57, 1026-1034.	1.9	5
11	Synthesis of Câ€“Nâ€“S co-doped TiO₂ mischcrystal with an isobandgap characteristic and its photocatalytic activity under visible light. Catalysis Science and Technology, 2018, 8, 4108-4121.	4.1	22
12	Blocked isocyanate silane modified Al₂O₃/polyamide 6 thermally conductive and electrical insulation composites with outstanding mechanical properties. RSC Advances, 2017, 7, 29779-29785.	3.6	22
13	Preparation of 2,5-bis(methylallyl thioester)-thiadiazole with high refractive index and its coatings. Journal of Coatings Technology Research, 2017, 14, 1457-1461.	2.5	1
14	Formation mechanism of thermally expandable microspheres of PMMA encapsulating NaHCO₃ and ethanol via thermally induced phase separation. RSC Advances, 2017, 7, 50603-50609.	3.6	6
15	Simple synthesis of lithium-doped sulfated titania nanoparticles and their high visible light photocatalytic activity under negative bias electrostatic field. RSC Advances, 2016, 6, 101714-101724.	3.6	5
16	A simple sonochemical method for fabricating poly(methyl methacrylate)/stearic acid phase change energy storage nanocapsules. Ultrasonics Sonochemistry, 2015, 27, 403-407.	8.2	10
17	Preparation of <scp>S</scp>â€doped <scp>C</scp>d<scp>S</scp>/<scp>T</scp>i<scp>O</scp>₂/conducting polymer fiber composites for efficient photocatalytic hydrogen production under visible light irradiation. Journal of Applied Polymer Science, 2015, 132, .	2.6	4
18	Electrically switchable photoluminescence of fluorescent-molecule-dispersed liquid crystals prepared via photoisomerization-induced phase separation. Journal of Materials Chemistry C, 2014, 2, 1386.	5.5	52

#	Article	IF	Citations
19	Deblocking of the waterâ€soluble isophorone diisocyanate blocked by sodium bisulfite and its application. Journal of Applied Polymer Science, 2013, 128, 597-599.	2.6	10
20	A facile approach to the synthesis of CdSe/P3HT nanocomposites. Journal of Polymer Research, 2013, 20, 1.	2.4	2
21	Non-isothermal melt crystallization kinetics of anhydrite-filled polypropylene composites. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 12-19.	1.0	5
22	Thermal property of TiO2â€“fluoropolymer fiber nanocomposites. Journal of Materials Science, 2010, 45, 2534-2537.	3.7	5
23	Synthesis of silicon ester dispersants and its application in CaCO3/polyethylene composites. Journal of Applied Polymer Science, 2010, 118, n/a-n/a.	2.6	0
24	New hyperdispersant agent for polypropylene/CaSO₄ composites. Journal of Applied Polymer Science, 2009, 111, 532-538.	2.6	7
25	Preparation and photocatalytic activity of zinc sulfide/polymer nanocomposites. Journal of Applied Polymer Science, 2009, 113, 1264-1269.	2.6	13
26	Preparation and photocatalysis of TiO2â€“fluoropolymer electrospun fiber nanocomposites. Polymer, 2009, 50, 3031-3036.	3.8	78
27	Preparation and characterization of polyethylene-g-maleic anhydrideâ€“styrene/montmorillonite nanocomposites. Journal of Applied Polymer Science, 2006, 101, 805-809.	2.6	17
28	PE/PE-g-MAH/Org-MMT nanocomposites. II. Nonisothermal crystallization kinetics. Journal of Applied Polymer Science, 2004, 91, 3054-3059.	2.6	53
29	Polyethylene/maleic anhydride grafted polyethylene/organic-montmorillonite nanocomposites. I. Preparation, microstructure, and mechanical properties. Journal of Applied Polymer Science, 2004, 91, 3974-3980.	2.6	138
30	Curing behavior of epoxy resin/tung oil anhydride exfoliated nanocomposite by differential scanning calorimetry. Journal of Applied Polymer Science, 2004, 92, 3822-3829.	2.6	20
31	PP-PP-g-MAH-Org-MMT nanocomposites. I. Intercalation behavior and microstructure. Journal of Applied Polymer Science, 2003, 88, 3225-3231.	2.6	78
32	Poly(propylene)-poly(propylene)-grafted maleic anhydride-organic montmorillonite (PP-PP-g-MAH-Org-MMT) nanocomposites. II. Nonisothermal crystallization kinetics. Journal of Applied Polymer Science, 2003, 88, 3093-3099.	2.6	45
33	Differential scanning calorimetric study on the curing behavior of epoxy resin/diethylenetriamine/organic montmorillonite nanocomposite. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 378-386.	2.1	37
34	Nonisothermal crystallization kinetics of polypropylene/montmorillonite nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 408-414.	2.1	212