Xin Ge

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4317863/publications.pdf

Version: 2024-02-01

23	612	516215 16	676716 22
papers	citations	h-index	g-index

23	23	23	860
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Efficient Liquid Exfoliation of Boron Nitride Nanosheets Using Aqueous Solution of Alkanolamine. Nanoscale Research Letters, 2017, 12, 596.	3.1	72
2	Facile fabrication and energy storage analysis of graphene/PANI paper electrodes for supercapacitor application. Electrochimica Acta, 2017, 253, 239-247.	2.6	69
3	Multi-growth site graphene/polyaniline composites with highly enhanced specific capacitance and rate capability for supercapacitor application. Electrochimica Acta, 2018, 260, 504-513.	2.6	67
4	Emulsion grafting vinyl monomers onto starch for reinforcement of styrene-butadiene rubber. Macromolecular Research, 2013, 21, 519-528.	1.0	60
5	Mechanical performance, water absorption behavior and biodegradability of poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	55
6	Effects of silane coupling agents on the properties of bentonite/nitrile butadiene rubber nanocomposites synthesized by a novel green method. Applied Clay Science, 2015, 118, 265-275.	2.6	34
7	Effect of coupling agents and ionic liquid on the properties of rice bran carbon/carboxylated styrene butadiene rubber composites. Macromolecular Research, 2015, 23, 952-959.	1.0	32
8	Novel oneâ€step synthesis of acrylonitrile butadiene rubber/bentonite nanocomposites with (3â€Mercaptopropyl)trimethoxysilane as a compatilizer. Polymer Composites, 2015, 36, 1693-1702.	2.3	26
9	Porous graphene-polyaniline nanoarrays composite with enhanced interface bonding and electrochemical performance. Composites Science and Technology, 2018, 154, 76-84.	3.8	23
10	Synthesis and characterization of microcrystalline celluloseâ€graftâ€poly(methyl methacrylate) copolymers and their application as rubber reinforcements. Journal of Applied Polymer Science, 2015, 132, .	1.3	21
11	Effects of silane coupling agents on tribological properties of bentonite/nitrile butadiene rubber composites. Polymer Composites, 2017, 38, 2347-2357.	2.3	18
12	Preparation and supercapacitor performance of functionalized graphene aerogel loaded with polyaniline as a freestanding electrode. Journal of Materials Science, 2017, 52, 5871-5881.	1.7	18
13	The properties of rice bran carbon/nitrileâ€butadiene rubber composites fabricated by latex compounding method. Polymer Composites, 2018, 39, E687.	2.3	18
14	Fabrication and characterization of rice bran carbon/styrene butadiene rubber composites fabricated by latex compounding method. Polymer Composites, 2017, 38, 2594-2602.	2.3	17
15	Study on viscoelastic behaviors of bentonite/nitrile butadiene rubber nanocomposites compatibilized by different silane coupling agents. Applied Clay Science, 2018, 157, 274-282.	2.6	17
16	Selective location of kaolin and effects of maleic anhydride in kaolin/poly(Îµ-caprolactone)/poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	17
17	Graft copolymers of microcrystalline cellulose as reinforcing agent for elastomers based on natural rubber. Journal of Applied Polymer Science, 2016, 133, .	1.3	13
18	Investigation on two modification strategies for the reinforcement of biodegradable lignin/poly(lactic acid) blends. Journal of Applied Polymer Science, 2020, 137, 49354.	1.3	11

#	Article	IF	Citations
19	Cellulose nanocrystals/poly(methyl methacrylate) nanocomposite films: Effect of preparation method and loading on the optical, thermal, mechanical, and gas barrier properties. Polymer Composites, 2017, 38, E137.	2.3	10
20	Synthesis and improved electrochemical properties of nitrogen-doped graphene quantum dotâ€“modified polyaniline. Journal of Nanoparticle Research, 2022, 24, 1.	0.8	7
21	Effects of different silane coupling agents on structure and properties of starchâ€“chitosanâ€“kaolin composites. Journal of Applied Polymer Science, 2019, 136, 48050.	1.3	4
22	Synergistic reinforcing effects of molybdenum disulfide and bentonite in rubber based nanocomposites. Journal of Vinyl and Additive Technology, 2017, 23, E211.	1.8	2
23	Starch/SBR Biocomposites Prepared by Solid Blend Method: Effect of Surface Modification and Coupling Agent. Advanced Materials Research, 0, 430-432, 1076-1080.	0.3	1