Yinhang Zhang

List of Publications by Year
in descending order

20 papers	772 citations	623188 14 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	1059 citing authors

#	Article	IF	Citations
1	A study on interfacial behaviors of epoxy/graphene oxide derived from pitch-based graphite fibers. Nanotechnology Reviews, 2021, 10, 1827-1837.	2.6	13
2	Recent Advances in Organic Thermoelectric Materials: Principle Mechanisms and Emerging Carbon-Based Green Energy Materials. Polymers, 2019, 11, 167.	2.0	79
3	Flexible Organic Thermoelectric Materials and Devices for Wearable Green Energy Harvesting. Polymers, 2019, 11, 909.	2.0	56
4	Implication of thermally conductive nanodiamond-interspersed graphite nanoplatelet hybrids in thermoset composites with superior thermal management capability. Scientific Reports, 2019, 9, 2893.	1.6	23
5	Enhanced interfacial interactions of isocyanateâ€grafted graphene oxide/nitrileâ€butadiene rubber nanocomposites: mechanical and thermoâ€physical properties. Polymer Composites, 2019, 40, E1103-E1110.	2.3	8
6	Effect of Mercapto-Terminated Silane Treatment on Rheological and Mechanical Properties of Rice Bran Carbon-Reinforced Nitrile Butadiene Rubber Composites. Macromolecular Research, 2018, 26, 446-453.	1.0	8
7	The properties of rice bran carbon/nitrileâ€butadiene rubber composites fabricated by latex compounding method. Polymer Composites, 2018, 39, E687.	2.3	18
8	Enhanced thermoâ€physical properties of nitrileâ€butadiene rubber nanocomposites filled with simultaneously reduced and functionalized graphene oxide. Polymer Composites, 2018, 39, 3227-3235.	2.3	30
9	Inâ€situ modification of nanodiamonds by mercaptoâ€terminated silane agent for enhancing the mechanical interfacial properties of nitrile butadiene rubber nanocomposites. Polymer Composites, 2018, 39, 3472-3481.	2.3	28
10	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
11	Synergistic reinforcing effects of molybdenum disulfide and bentonite in rubber based nanocomposites. Journal of Vinyl and Additive Technology, 2017, 23, E211.	1.8	2
12	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
13	Effects of silane coupling agents on tribological properties of bentonite/nitrile butadiene rubber composites. Polymer Composites, 2017, 38, 2347-2357.	2.3	18
14	Nanodiamond nanocluster-decorated graphene oxide/epoxy nanocomposites with enhanced mechanical behavior and thermal stability. Composites Part B: Engineering, 2017, 114, 111-120.	5.9	157
15	Thermal conductivity and thermo-physical properties of nanodiamond-attached exfoliated hexagonal boron nitride/epoxy nanocomposites for microelectronics. Composites Part A: Applied Science and Manufacturing, 2017, 101, 227-236.	3.8	165
16	Enhanced interfacial interaction by grafting carboxylatedâ€macromolecular chains on nanodiamond surfaces for epoxyâ€based thermosets. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1890-1898.	2.4	42
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	Surface modification of novel rice bran carbon functionalized with (3-Mercaptopropyl) trimethoxysilane and its influence on the properties of styrene-butadiene rubber composites. Journal of Composite Materials, 2016, 50, 2987-2999.	1.2	32

#	Article	IF	Citations
19	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
20	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