

Lijun Cao

List of Publications by Year in descending order

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687363

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894
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Properties of a Bio-Based Epoxy Resin with High Epoxy Value and Low Viscosity. <i>ChemSusChem</i> , 2014, 7, 555-562.	6.8	147
2	Facile synthesis of bio-based reactive flame retardant from vanillin and guaiacol for epoxy resin. <i>Composites Part B: Engineering</i> , 2020, 190, 107926.	12.0	119
3	How a bio-based epoxy monomer enhanced the properties of diglycidyl ether of bisphenol A (DGEBA)/graphene composites. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5081.	10.3	112
4	Biobased Nitrogen- and Oxygen-Codoped Carbon Materials for High-Performance Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2763-2773.	6.7	95
5	Biobased Benzoxazine Derived from Daidzein and Furfurylamine: Microwave-Assisted Synthesis and Thermal Properties Investigation. <i>ChemSusChem</i> , 2018, 11, 3175-3183.	6.8	84
6	How Does the Hydrogen Bonding Interaction Influence the Properties of Polybenzoxazine? An Experimental Study Combined with Computer Simulation. <i>Macromolecules</i> , 2018, 51, 4782-4799.	4.8	75
7	Stable and durable laser-induced graphene patterns embedded in polymer substrates. <i>Carbon</i> , 2020, 163, 85-94.	10.3	66
8	Synthesis of Biobased Benzoxazines Suitable for Vacuum-Assisted Resin Transfer Molding Process via Introduction of Soft Silicon Segment. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 3091-3102.	3.7	56
9	Taking advantages of intramolecular hydrogen bonding to prepare mechanically robust and catalyst-free vitrimer. <i>Polymer</i> , 2020, 210, 123004.	3.8	44
10	Free-standing laser-induced graphene films for high-performance electromagnetic interference shielding. <i>Carbon</i> , 2021, 183, 600-611.	10.3	44
11	A sustainable strategy for remediation of oily sewage: Clean and safe. <i>Separation and Purification Technology</i> , 2020, 240, 116592.	7.9	26
12	Bio-Based Polybenzoxazine Modified Melamine Sponges for Selective Absorption of Organic Solvent in Water. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800126.	5.3	24
13	Comparative Study on the Properties of Epoxy Derived from Aromatic and Heteroaromatic Compounds: The Role of Hydrogen Bonding. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 1914-1924.	3.7	20
14	Conductive vitrimer nanocomposites enable advanced and recyclable thermo-sensitive materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11681-11686.	5.5	12
15	Regulating the performance of polybenzoxazine via the regiochemistry of amide substituents. <i>Polymer</i> , 2019, 181, 121807.	3.8	7
16	The role of a biobased epoxy monomer in the preparation of diglycidyl ether of bisphenol A/MWCNT composites. <i>Polymer Composites</i> , 2017, 38, 1640-1645.	4.6	5
17	A deep insight into polybenzoxazole formation in the heterocycle-containing polybenzoxazine: An enlightening thought for smarter precursor design. <i>Polymer</i> , 2021, 226, 123789.	3.8	5
18	Using Azo-Compounds to Endow Biobased Thermosetting Coatings with Potential Application for Reversible Information Storage. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4551-4558.	4.4	4