

Ying Xia

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,964
citations

567281

15
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetable oil-based polymeric materials: synthesis, properties, and applications. <i>Green Chemistry</i> , 2010, 12, 1893.	9.0	732
2	Recent Advances in Vegetable Oil-Based Polyurethanes. <i>ChemSusChem</i> , 2011, 4, 703-717.	6.8	300
3	Soy-castor oil based polyols prepared using a solvent-free and catalyst-free method and polyurethanes therefrom. <i>Green Chemistry</i> , 2013, 15, 1477.	9.0	153
4	Rheological Behavior of Environmentally Friendly Castor Oil-Based Waterborne Polyurethane Dispersions. <i>Macromolecules</i> , 2013, 46, 4606-4616.	4.8	128
5	Preparation and Properties of Aqueous Castor Oil-Based Polyurethane-Silica Nanocomposite Dispersions through a Sol-Gel Process. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1331-1337.	3.9	100
6	Castor oil-based thermosets with varied crosslink densities prepared by ring-opening metathesis polymerization (ROMP). <i>Polymer</i> , 2010, 51, 2508-2514.	3.8	89
7	Castor Oil-Based Waterborne Polyurethane Dispersions Cured with an Aziridine-Based Crosslinker. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 703-709.	3.6	68
8	Polyurethanes from Isosorbide-Based Diisocyanates. <i>ChemSusChem</i> , 2013, 6, 1182-1185.	6.8	68
9	Antibacterial Soybean Oil-Based Cationic Polyurethane Coatings Prepared from Different Amino Polyols. <i>ChemSusChem</i> , 2012, 5, 2221-2227.	6.8	59
10	Bio-based Thermosetting Polymers from Vegetable Oils. <i>Journal of Renewable Materials</i> , 2013, 1, 3-27.	2.2	57
11	Ring-opening metathesis polymerization (ROMP) of norbornenyl-functionalized fatty alcohols. <i>Polymer</i> , 2010, 51, 53-61.	3.8	51
12	Thermo-Mechanical and Antibacterial Properties of Soybean Oil-Based Cationic Polyurethane Coatings: Effects of Amine Ratio and Degree of Crosslinking. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1042-1051.	3.6	39
13	Soybean Oil-Isosorbide-Based Waterborne Polyurethane-Urea Dispersions. <i>ChemSusChem</i> , 2011, 4, 386-391.	6.8	32
14	Novel Thermosets from the Cationic Copolymerization of Modified Linseed Oils and Dicyclopentadiene. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 590-598.	3.6	26
15	Rheokinetics of Ring-Opening Metathesis Polymerization of Bio-Based Castor Oil Thermoset. <i>Macromolecules</i> , 2012, 45, 7729-7739.	4.8	18
16	Semi-interpenetrating polymer networks prepared from in situ cationic polymerization of bio-based tung oil with biodegradable polycaprolactone. <i>RSC Advances</i> , 2014, 4, 6710.	3.6	15
17	Biorenewable ROMP-based thermosetting copolymers from functionalized castor oil derivative with various cross-linking agents. <i>Polymer</i> , 2014, 55, 5718-5726.	3.8	15
18	Sustainable Polyurethane-Lignin Aqueous Dispersions and Thin Films: Rheological Behavior and Thermomechanical Properties. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5198-5207.	4.4	7

#	ARTICLE	IF	CITATIONS
19	Influence of Electron Beam Irradiation on the Mechanical Properties of Vegetableâ€Oilâ€Based Biopolymers. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 799-806.	3.6	4
20	Broadband Dielectric Relaxation Spectroscopy of Functionalized Biobased Castor Oil Copolymer Thermosets. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2891-2902.	2.2	3