

Xiaolan Luo

List of Publications by Year in descending order

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21
papers

1,292
citations

471509

17
h-index

677142

22
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docs citations

22
times ranked

1690
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal, Mechanical, and Morphological Properties of Rigid Crude Glycerol-Based Polyurethane Foams Reinforced With Nanoclay and Microcrystalline Cellulose. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700413.	1.5	23
2	Conversion of Lignocellulosic Biomass Into Platform Chemicals for Biobased Polyurethane Application. <i>Advances in Bioenergy</i> , 2018, 3, 161-213.	1.3	51
3	A novel 2,5-furandicarboxylic acid-based bis(cyclic carbonate) for the synthesis of biobased non-isocyanate polyurethanes. <i>RSC Advances</i> , 2017, 7, 37-46.	3.6	63
4	Value-added conversion of waste cooking oil and post-consumer PET bottles into biodiesel and polyurethane foams. <i>Waste Management</i> , 2016, 52, 360-366.	7.4	41
5	Value-added processing of crude glycerol into chemicals and polymers. <i>Bioresource Technology</i> , 2016, 215, 144-154.	9.6	213
6	Corrosion Protection Studies of Crude Glycerol-Based Waterborne Polyurethane Coating on Steel Substrate. <i>Journal of the Electrochemical Society</i> , 2016, 163, C54-C61.	2.9	9
7	Development of blend films from soy meal protein and crude glycerol-based waterborne polyurethane. <i>Industrial Crops and Products</i> , 2015, 67, 11-17.	5.2	28
8	Polyols and Polyurethanes from Vegetable Oils and Their Derivatives. <i>Springer Briefs in Molecular Science</i> , 2015, , 15-43.	0.1	29
9	Lignocellulosic Biomass-Based Polyols for Polyurethane Applications. <i>Springer Briefs in Molecular Science</i> , 2015, , 45-64.	0.1	1
10	Introduction to Bio-based Polyols and Polyurethanes. <i>Springer Briefs in Molecular Science</i> , 2015, , 1-13.	0.1	5
11	Bio-based Polyols and Polyurethanes. <i>Springer Briefs in Molecular Science</i> , 2015, , .	0.1	58
12	Production of polyols and waterborne polyurethane dispersions from biodiesel-derived crude glycerol. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	15
13	Polyurethane foams based on crude glycerol-derived biopolyols: One-pot preparation of biopolyols with branched fatty acid ester chains and its effects on foam formation and properties. <i>Polymer</i> , 2014, 55, 6529-6538.	3.8	50
14	Synthesis and Characterization of Polyols and Polyurethane Foams from PET Waste and Crude Glycerol. <i>Journal of Polymers and the Environment</i> , 2014, 22, 318-328.	5.0	57
15	Polyols and Polyurethanes from the Liquefaction of Lignocellulosic Biomass. <i>ChemSusChem</i> , 2014, 7, 66-72.	6.8	152
16	Thermochemical conversion of crude glycerol to biopolyols for the production of polyurethane foams. <i>Bioresource Technology</i> , 2013, 139, 323-329.	9.6	100
17	Characterization of Crude Glycerol from Biodiesel Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5915-5921.	5.2	227
18	Preparation of H-shaped ABCAB terpolymers by atom transfer radical coupling. <i>Journal of Polymer Science Part A</i> , 2009, 47, 59-68.	2.3	28

#	ARTICLE	IF	CITATIONS
19	Synthesis of dendrimer-like copolymers based on the star[Polystyrene- <i>b</i> -Poly(ethylene Terephthalate)] ₄ . <i>Journal of Polymer Science Part A</i> , 2009, 47, 4800-4810.	2.3	25
20	Synthesis of ABCD 4-arm star-shaped quarterpolymers by combination of the "click" chemistry with multiple polymerization mechanism. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2154-2166.	2.3	65
21	Synthesis of a Novel Kind of Amphiphilic Graft Copolymer with Mikroarm Star-Shaped Side Chains. <i>Macromolecules</i> , 2008, 41, 2315-2317.	4.8	51