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List of Publications by Year in descending order

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21 papers	1,292 citations	471509 17 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1690 citing authors

#	Article	IF	Citations
1	Characterization of Crude Glycerol from Biodiesel Plants. Journal of Agricultural and Food Chemistry, 2012, 60, 5915-5921.	5.2	227
2	Value-added processing of crude glycerol into chemicals and polymers. Bioresource Technology, 2016, 215, 144-154.	9.6	213
3	Polyols and Polyurethanes from the Liquefaction of Lignocellulosic Biomass. ChemSusChem, 2014, 7, 66-72.	6.8	152
4	Thermochemical conversion of crude glycerol to biopolyols for the production of polyurethane foams. Bioresource Technology, 2013, 139, 323-329.	9.6	100
5	Synthesis of ABCD 4â€Miktoarm starâ€shaped quarterpolymers by combination of the â€œclickâ€•chemistry with multiple polymerization mechanism. Journal of Polymer Science Part A, 2008, 46, 2154-2166.	2.3	65
6	A novel 2,5-furandicarboxylic acid-based bis(cyclic carbonate) for the synthesis of biobased non-isocyanate polyurethanes. RSC Advances, 2017, 7, 37-46.	3.6	63
7	Bio-based Polyols and Polyurethanes. Springer Briefs in Molecular Science, 2015, , .	0.1	58
8	Synthesis and Characterization of Polyols and Polyurethane Foams from PET Waste and Crude Glycerol. Journal of Polymers and the Environment, 2014, 22, 318-328.	5.0	57
9	Synthesis of a Novel Kind of Amphiphilic Graft Copolymer with Miktoarm Star-Shaped Side Chains. Macromolecules, 2008, 41, 2315-2317.	4.8	51
10	Conversion of Lignocellulosic Biomass Into Platform Chemicals for Biobased Polyurethane Application. Advances in Bioenergy, 2018, 3, 161-213.	1.3	51
11	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. Polymer, 2014, 55, 6529-6538.	3.8	50
12	Value-added conversion of waste cooking oil and post-consumer PET bottles into biodiesel and polyurethane foams. Waste Management, 2016, 52, 360-366.	7.4	41
13	Polyols and Polyurethanes from Vegetable Oils and Their Derivatives. Springer Briefs in Molecular Science, 2015, , 15-43.	0.1	29
14	Preparation of Hâ€shaped ABCAB terpolymers by atom transfer radical coupling. Journal of Polymer Science Part A, 2009, 47, 59-68.	2.3	28
15	Development of blend films from soy meal protein and crude glycerol-based waterborne polyurethane. Industrial Crops and Products, 2015, 67, 11-17.	5.2	28
16	Synthesis of dendrimerâ€like copolymers based on the star[Polystyreneâ€Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (Part A, 2009, 47, 4800-4810.	2.3	25
17	Thermal, Mechanical, and Morphological Properties of Rigid Crude Glycerolâ€Based Polyurethane Foams Reinforced With Nanoclay and Microcrystalline Cellulose. European Journal of Lipid Science and Technology, 2018, 120, 1700413.	1.5	23
18	Production of polyols and waterborne polyurethane dispersions from biodieselâ€derived crude glycerol. Journal of Applied Polymer Science, 2015, 132, .	2.6	15

#	Article	IF	Citations
19	Corrosion Protection Studies of Crude Glycerol-Based Waterborne Polyurethane Coating on Steel Substrate. Journal of the Electrochemical Society, 2016, 163, C54-C61.	2.9	9
20	Introduction to Bio-based Polyols and Polyurethanes. Springer Briefs in Molecular Science, 2015, , 1-13.	0.1	5
21	Lignocellulosic Biomass-Based Polyols for Polyurethane Applications. Springer Briefs in Molecular Science, 2015, , 45-64.	0.1	1