Oils and Fats as Renewable Raw Materials in Chemistry

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Citation Report

#	Article	IF	Citations
1	Ruthenium–alkylidene catalysed cross-metathesis of fatty acid derivatives with acrylonitrile and methyl acrylate: a key step toward long-chain bifunctional and amino acid compounds. Green Chemistry, 2011, 13, 2911.	4.6	97
2	Thermoplastic polyester amides derived from oleic acid. Polymer, 2011, 52, 4503-4516.	1.8	52
3	A Green Approach for the Synthesis and Thiol–ene Modification of Alkene Functio1489lized Poly(2–oxazoline)s. Macromolecular Rapid Communications, 2011, 32, 1484-1489.	2.0	51
4	Aliphatic Long–Chain C₂₀ Polyesters from Olefin Metathesis. Macromolecular Rapid Communications, 2011, 32, 1352-1356.	2.0	84
5	Can synthetic biology and metabolic engineering contribute to the microbial production of lipids and oleochemicals?. European Journal of Lipid Science and Technology, 2011, 113, 1075-1076.	1.0	3
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10	Novel Biobased Materials from Tung Oil-Based Monomer and Tung Oil-Modified Unsaturated Polyester. Advanced Materials Research, 2012, 581-582, 121-124.	0.3	0
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16	Chemical Plants: High-Value Molecules from Essential Oils. Journal of the American Chemical Society, 2012, 134, 18889-18891.	6.6	76
17	Isomerizing Olefin Metathesis as a Strategy To Access Defined Distributions of Unsaturated Compounds from Fatty Acids. Journal of the American Chemical Society, 2012, 134, 13716-13729.	6.6	99
18	Eugenol as a renewable feedstock for the production of polyfunctional alkenes via olefin cross-metathesis. RSC Advances, 2012, 2, 9584.	1.7	65
19	Lipid-Inspired Ionic Liquids Containing Long-Chain Appendages: Novel Class of Biomaterials with Attractive Properties and Applications. ACS Symposium Series, 2012, , 199-216.	0.5	11
20	Antiwear Additive Derived from Soybean Oil and Boron Utilized in a Gear Oil Formulation. Industrial & Engineering Chemistry Research, 2012, 51, 11941-11945.	1.8	14

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22	Interplay Between Viscoelastic and Chemical Tunings in Fatty-Acid-Based Polyester Adhesives: Engineering Biomass toward Functionalized Step-Growth Polymers and Soft Networks. Biomacromolecules, 2012, 13, 1933-1944.	2.6	47
23	Biodiesel Production from Sewage Sludge: New Paradigm for Mining Energy from Municipal Hazardous Material. Environmental Science & Technology, 2012, 46, 10222-10228.	4.6	107
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25	Enhancement of Fatty Acidâ€based Polyurethanes Cytocompatibility by Nonâ€covalent Anchoring of Chondroitin Sulfate. Macromolecular Bioscience, 2012, 12, 1697-1705.	2.1	16
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