Michael A.R. Meier

List of Publications by Year
in descending order

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Version: 2024-02-01

277 papers	15,678 citations	17405 63 h-index	22102 113 g-index
315 all docs	315 docs citations	315 times ranked	10688 citing authors

#	Article	IF	Citations
1	Building Pathways to a Sustainable Planet. ACS Sustainable Chemistry and Engineering, 2022, 10, 1-2.	3.2	1
2	Passerini chemistries for synthesis of polymer pro-drug and polymersome drug delivery nanoparticles. Journal of Materials Chemistry B, 2022, 10, 3895-3905.	2.9	6
3	Polythiosemicarbazones by Condensation of Dithiosemicarbazides and Dialdehydes. Macromolecules, 2022, 55, 3267-3275.	2.2	1
4	Sustainable Synthesis of Nonâ€Isocyanate Polyurethanes Based on Renewable 2,3â€Butanediol. Macromolecular Chemistry and Physics, 2022, 223, .	1.1	7
5	Synthesis and Encapsulation of Uniform Starâ€Shaped Blockâ€Macromolecules. Macromolecular Rapid Communications, 2021, 42, 2000467.	2.0	3
6	Sustainable Fatty Acid Modification of Cellulose in a CO₂-Based Switchable Solvent and Subsequent Thiol-Ene Modification. Biomacromolecules, 2021, 22, 586-593.	2.6	19
7	Synthesis of Passeriniâ€3CR Polymers and Assembly into Cytocompatible Polymersomes. Macromolecular Rapid Communications, 2021, 42, e2000321.	2.0	8
8	Fully Renewable Nonâ€Isocyanate Polyurethanes via the Lossen Rearrangement. Macromolecular Rapid Communications, 2021, 42, e2000440.	2.0	15
9	Synthesis of new Biginelli polycondensates: renewable materials with tunable high glass transition temperatures. Polymer International, 2021, 70, 506-513.	1.6	6
10	Regeneration of Cellulose from a Switchable Ionic Liquid: Toward More Sustainable Cellulose Fibers. Macromolecular Chemistry and Physics, 2021, 222, 2000433.	1.1	5
11	Functional Polyethylenes by Organometallic-Mediated Radical Polymerization of Biobased Carbonates. ACS Macro Letters, 2021, 10, 313-320.	2.3	14
12	Multicomponent Reactions in Polymer Science. Macromolecular Rapid Communications, 2021, 42, e2100104.	2.0	20
13	A Practical and Efficient Synthesis of Uniform Conjugated Rodâ€Like Oligomers. Macromolecular Rapid Communications, 2021, 42, e2000735.	2.0	1
14	FettsÃuren und FettsÃurederivate als nachwachsende PlattformmolekÃ¼le fÃ¼r die chemische Industrie. Angewandte Chemie, 2021, 133, 20304-20326.	1.6	11
15	Fatty Acids and their Derivatives as Renewable Platform Molecules for the Chemical Industry. Angewandte Chemie - International Edition, 2021, 60, 20144-20165.	7.2	114
16	Shaping Effective Practices for Incorporating Sustainability Assessment in Manuscripts Submitted to ACS Sustainable Chemistry & Engineering: Biomaterials. ACS Sustainable Chemistry and Engineering, 2021, 9, 7400-7402.	3.2	2
17	Selective Catalytic Epoxide Ring-Opening of Limonene Dioxide with Water. ACS Sustainable Chemistry and Engineering, 2021, 9, 7713-7718.	3.2	3
18	Direct electrospinning of cellulose in the DBU-CO2 switchable solvent system. Cellulose, 2021, 28, 6869-6880.	2.4	5

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19	Oneâ€Pot Synthesis of Thiocarbamates. European Journal of Organic Chemistry, 2021, 2021, 4508-4516.	1.2	5
20	A more sustainable synthesis approach for cellulose acetate using the DBU/CO₂ switchable solvent system. Green Chemistry, 2021, 23, 4410-4420.	4.6	29
21	A more sustainable isothiocyanate synthesis by amine catalyzed sulfurization of isocyanides with elemental sulfur. RSC Advances, 2021, 11, 3134-3142.	1.7	25
22	Sustainable Chemistry and Engineering in Pharma. ACS Sustainable Chemistry and Engineering, 2021, 9, 13395-13398.	3.2	5
23	Sustainable One-Pot Cellulose Dissolution and Derivatization via a Tandem Reaction in the DMSO/DBU/CO₂ Switchable Solvent System. Journal of the American Chemical Society, 2021, 143, 18693-18702.	6.6	27
24	Expectations for Perspectives in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2021, 9, 16528-16530.	3.2	1
25	Uniform poly(ethylene glycol): a comparative study. Polymer Journal, 2020, 52, 165-178.	1.3	12
26	Modification of Starch via the Biginelli Multicomponent Reaction. Macromolecular Rapid Communications, 2020, 41, e1900375.	2.0	11
27	The Evolution of ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 1-1.	3.2	6
28	Rheological and mechanical properties of cellulose/LDPE composites using sustainable and fully renewable compatibilisers. Journal of Applied Polymer Science, 2020, 137, 48744.	1.3	12
29	Sustainable Functionalization of 2,3-Dialdehyde Cellulose via the Passerini Three-Component Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 15755-15760.	3.2	21
30	A Direct Oneâ€Pot Modification of Î²â€Cyclodextrin via the Ugiâ€Fiveâ€Component Reaction. ChemistrySelect, 2020, 5, 10765-10770.	0.7	0
31	Expectations for Manuscripts in ACS Sustainable Chemistry & Engineering: Scope Summary and Call for Creativity. ACS Sustainable Chemistry and Engineering, 2020, 8, 16046-16047.	3.2	2
32	Novel Access to Known and Unknown Thiourea Catalyst via a Multicomponentâ€Reaction Approach. ChemistrySelect, 2020, 5, 11915-11920.	0.7	7
33	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	1.1	69
34	Progress Toward Sustainable Reversible Deactivation Radical Polymerization. Macromolecular Rapid Communications, 2020, 41, e2000266.	2.0	33
35	Expectations for Manuscripts on Biomass Feedstocks and Processing in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 11031-11032.	3.2	2
36	Remembering Professor, Academician, and Editor Lina Zhang. ACS Sustainable Chemistry and Engineering, 2020, 8, 16385-16385.	3.2	0

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37	Sustainable catalytic rearrangement of terpene-derived epoxides: towards bio-based biscarbonyl monomers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190267.	1.6	16
38	Reading mixtures of uniform sequence-defined macromolecules to increase data storage capacity. Communications Chemistry, 2020, 3, .	2.0	13
39	The Changing Structure of Scientific Communication: Expanding the Nature of Letters Submissions to ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 8469-8470.	3.2	0
40	Sensitizing TADF Absorption Using Variable Length Oligo(phenylene ethynylene) Antennae. Frontiers in Chemistry, 2020, 8, 126.	1.8	3
41	A more sustainable and highly practicable synthesis of aliphatic isocyanides. Green Chemistry, 2020, 22, 933-941.	4.6	38
42	Expectations for Papers on Sustainable Materials in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 1703-1704.	3.2	9
43	Dual sequence definition increases the data storage capacity of sequence-defined macromolecules. Communications Chemistry, 2020, 3, .	2.0	28
44	Fatty Acidâ€“Derived Aliphatic Long Chain Polyethers by a Combination of Catalytic Ester Reduction and ADMET or Thiolâ€Ene Polymerization. Macromolecular Chemistry and Physics, 2019, 220, 1800440.	1.1	31
45	Perspective: green polyurethane synthesis for coating applications. Polymer International, 2019, 68, 826-831.	1.6	45
46	Biocompatible Unimolecular Micelles Obtained via the Passerini Reaction as Versatile Nanocarriers for Potential Medical Applications. Biomacromolecules, 2019, 20, 90-101.	2.6	21
47	Facile and Sustainable Synthesis of Erythritol bis(carbonate), a Valuable Monomer for Non-Isocyanate Polyurethanes (NIPUs). Scientific Reports, 2019, 9, 9858.	1.6	14
48	Functional Polyethylene (PE) and PE-Based Block Copolymers by Organometallic-Mediated Radical Polymerization. Macromolecules, 2019, 52, 9053-9063.	2.2	25
49	1 H PFGâ€NMR Diffusion Study on a Sequenceâ€Defined Macromolecule: Confirming Monodispersity. Macromolecular Chemistry and Physics, 2019, 220, 1900155.	1.1	4
50	Direct Catalytic Route to Biomass-Derived 2,5-Furandicarboxylic Acid and Its Use as Monomer in a Multicomponent Polymerization. ACS Omega, 2019, 4, 16972-16979.	1.6	24
51	On the macrocyclization selectivity of meta-substituted diamines and dialdehydes: towards macrocycles with tunable functional peripheries. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 95, 119-134.	0.9	2
52	Direct comparison of solution and solid phase synthesis of sequence-defined macromolecules. Polymer Chemistry, 2019, 10, 3859-3867.	1.9	31
53	Monodisperse, sequence-defined macromolecules as a tool to evaluate the limits of ring-closing metathesis. Polymer Chemistry, 2019, 10, 2716-2722.	1.9	7
54	Plantâ€Oilâ€Based Polyamides and Polyurethanes: Toward Sustainable Nitrogenâ€Containing Thermoplastic Materials. Macromolecular Rapid Communications, 2019, 40, e1800524.	2.0	58

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55	Critical Review on Sustainable Homogeneous Cellulose Modification: Why Renewability Is Not Enough. ACS Sustainable Chemistry and Engineering, 2019, 7, 1826-1840.	3.2	121
56	Plant-Based Nonactivated Olefins: A New Class of Renewable Monomers for Controlled Radical Polymerization. ACS Sustainable Chemistry and Engineering, 2019, 7, 2751-2762.	3.2	16
57	A New Class of Materials: Sequenceâ€Defined Macromolecules and Their Emerging Applications. Advanced Materials, 2019, 31, e1806027.	11.1	115
58	Polymacrocycles Derived via Ugi Multiâ€Component Reactions. Macromolecular Rapid Communications, 2019, 40, e1800748.	2.0	13
59	Sustainable Approach for Cellulose Aerogel Preparation from the DBUâ€“CO₂ Switchable Solvent. ACS Sustainable Chemistry and Engineering, 2019, 7, 3329-3338.	3.2	38
60	Why Wasnâ€™t My ACS Sustainable Chemistry & Engineering Manuscript Sent Out for Review?. ACS Sustainable Chemistry and Engineering, 2019, 7, 1-2.	3.2	5
61	Digitalisierung: MolekÃ¼le fÃ¼r 007. Nachrichten Aus Der Chemie, 2019, 67, 45-46.	0.0	0
62	A Sustainable Tandem Catalysis Approach to Plant Oilâ€Based Polyols via Schenckâ€Ene Reaction and Epoxidation. European Journal of Lipid Science and Technology, 2018, 120, 1800015.	1.0	7
63	Merging CO₂-Based Building Blocks with Cobalt-Mediated Radical Polymerization for the Synthesis of Functional Poly(vinyl alcohol)s. Macromolecules, 2018, 51, 3379-3393.	2.2	18
64	Multicomponent reactions provide key molecules for secret communication. Nature Communications, 2018, 9, 1439.	5.8	164
65	Synthesis of Dimer Fatty Acid Methyl Esters by Catalytic Oxidation and Reductive Amination: An Efficient Route to Branched Polyamides. European Journal of Lipid Science and Technology, 2018, 120, 1700350.	1.0	10
66	A Combined Photochemical and Multicomponent Reaction Approach to Precision Oligomers. Chemistry - A European Journal, 2018, 24, 3413-3419.	1.7	37
67	Fats and Oils as Renewable Feedstock for the Chemical Industry. European Journal of Lipid Science and Technology, 2018, 120, 1700460.	1.0	3
68	Detailed Understanding of the DBU/CO₂ Switchable Solvent System for Cellulose Solubilization and Derivatization. ACS Sustainable Chemistry and Engineering, 2018, 6, 1496-1503.	3.2	54
69	Data storage in sequence-defined macromolecules via multicomponent reactions. European Polymer Journal, 2018, 104, 32-38.	2.6	79
70	Biocompatible Polymeric Nanoparticles From Castor Oil Derivatives via Thiolâ€Ene Miniemulsion Polymerization. European Journal of Lipid Science and Technology, 2018, 120, 1700212.	1.0	30
71	Sustainable succinylation of cellulose in a CO₂-based switchable solvent and subsequent Passerini 3-CR and Ugi 4-CR modification. Green Chemistry, 2018, 20, 214-224.	4.6	62
72	Sequence-definition in stiff conjugated oligomers. Scientific Reports, 2018, 8, 17483.	1.6	18

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73	Fatty Acid Derived Renewable Platform Chemicals via Selective Oxidation Processes. ACS Sustainable Chemistry and Engineering, 2018, 6, 15170-15179.	3.2	9
74	On the direct use of CO₂in multicomponent reactions: introducing the Passerini four component reaction. RSC Advances, 2018, 8, 31490-31495.	1.7	7
75	Sustainable Transesterification of Cellulose with High Oleic Sunflower Oil in a DBU-CO₂ Switchable Solvent. ACS Sustainable Chemistry and Engineering, 2018, 6, 8826-8835.	3.2	59
76	Surface Functionalization of Silicon, HOPG, and Graphite Electrodes: Toward an Artificial Solid Electrolyte Interface. ACS Applied Materials & Interfaces, 2018, 10, 24172-24180.	4.0	20
77	Renewable Polyethers via GaBr 3 â€Catalyzed Reduction of Polyesters. Angewandte Chemie - International Edition, 2018, 57, 8775-8779.	7.2	17
78	Erneuerbare Polyether Ã¼ber die GaBr 3 â€katalysierte Reduktion von Polyestern. Angewandte Chemie, 2018, 130, 8911-8915.	1.6	5
79	Highly efficient Tsujiâ€“Trost allylation in water catalyzed by Pd-nanoparticles. Chemical Communications, 2017, 53, 5175-5178.	2.2	28
80	Synthesis of potential bisphenol A substitutes by isomerising metathesis of renewable raw materials. Green Chemistry, 2017, 19, 3051-3060.	4.6	76
81	Peptide array functionalization via the Ugi four-component reaction. Chemical Communications, 2017, 53, 5553-5556.	2.2	16
82	An Update on Isocyanide-Based Multicomponent Reactions in Polymer Science. Topics in Current Chemistry, 2017, 375, 66.	3.0	55
83	Metathesis Curing of Allylated Lignin and Different Plant Oils for the Preparation of Thermosetting Polymer Films with Tunable Mechanical Properties. Macromolecular Chemistry and Physics, 2017, 218, 1700177.	1.1	9
84	Catalytic Oxyfunctionalization of Methyl 10-undecenoate for the Synthesis of Step-Growth Polymers. Macromolecular Chemistry and Physics, 2017, 218, 1700153.	1.1	9
85	Recent Progress in the Design of Monodisperse, Sequence-Defined Macromolecules. Macromolecular Rapid Communications, 2017, 38, 1600711.	2.0	165
86	Poly(1,20-eicosanediyl 2,5-furandicarboxylate), a biodegradable polyester from renewable resources. European Polymer Journal, 2017, 90, 301-311.	2.6	45
87	Synthesis and Characterization of Epoxy Thermosetting Polymers from Glycidylated Organosolv Lignin and Bisphenol A. Macromolecular Chemistry and Physics, 2017, 218, 1600411.	1.1	37
88	Phase Segregation in Supramolecular Polymers Based on Telechelics Synthesized via Multicomponent Reactions. Macromolecular Chemistry and Physics, 2017, 218, 1700302.	1.1	4
89	Synthesis and unimolecular micellar behavior of amphiphilic star-shaped block copolymers obtained via the Passerini three component reaction. RSC Advances, 2017, 7, 45195-45199.	1.7	7
90	Combining Two Methods of Sequence Definition in a Convergent Approach: Scalable Synthesis of Highly Defined and Multifunctionalized Macromolecules. Chemistry - A European Journal, 2017, 23, 13906-13909.	1.7	29

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91	Bio-derived polymers for coating applications: comparing poly(limonene carbonate) and poly(cyclohexadiene carbonate). Polymer Chemistry, 2017, 8, 6099-6105.	1.9	76
92	Sequence-controlled molecular layers on surfaces by thiolâ€“ene chemistry: synthesis and multitechnique characterization. Polymer Chemistry, 2017, 8, 5824-5828.	1.9	1
93	Aerobic oxidation of Î±-pinene catalyzed by homogeneous and MOF-based Mn catalysts. Applied Catalysis A: General, 2017, 546, 1-6.	2.2	33
94	Macromol. Rapid Commun. 9/2017. Macromolecular Rapid Communications, 2017, 38, .	2.0	0
95	Catalytic Transesterification of Starch with Plant Oils: A Sustainable and Efficient Route to Fatty Acid Starch Esters. ChemSusChem, 2017, 10, 182-188.	3.6	21
96	Synthesis of structurally diverse 3,4-dihydropyrimidin-2(1H)-ones via sequential Biginelli and Passerini reactions. Beilstein Journal of Organic Chemistry, 2017, 13, 54-62.	1.3	18
97	An update on isocyanide-based multicomponent reactions in polymer science. Topics in Current Chemistry Collections, 2017, , 127-155.	0.2	6
98	Sustainable functionalization of cellulose and starch with diallyl carbonate in ionic liquids. Green Chemistry, 2017, 19, 3899-3907.	4.6	35
99	Selective formation of C₃₆â€dimer fatty acids via thiolâ€ene addition for copolyamide synthesis. European Journal of Lipid Science and Technology, 2016, 118, 1470-1474.	1.0	13
100	Eine skalierbare Synthese sequenzdefinierter MakromolekÃ¼le mit hohen Ausbeuten. Angewandte Chemie, 2016, 128, 1222-1225.	1.6	24
101	Development of a poly(dimethylacrylamide) based matrix material for solid phase high density peptide array synthesis employing a laser based material transfer. Applied Surface Science, 2016, 389, 942-951.	3.1	2
102	Catalytic copolymerization of methyl 9,10-epoxystearate and cyclic anhydrides under neat conditions. European Journal of Lipid Science and Technology, 2016, 118, 104-110.	1.0	20
103	Fats and oils as renewable feedstock for the chemical industry. European Journal of Lipid Science and Technology, 2016, 118, 1-2.	1.0	15
104	Renewability â€“ a principle of utmost importance!. Green Chemistry, 2016, 18, 4800-4803.	4.6	41
105	Synthesis of polyacrylates from limonene by catalytic oxidation and multi-component reaction. European Polymer Journal, 2016, 83, 359-366.	2.6	12
106	Renewability is not Enough: Recent Advances in the Sustainable Synthesis of Biomassâ€Derived Monomers and Polymers. Chemistry - A European Journal, 2016, 22, 11510-11521.	1.7	228
107	High-flexibility combinatorial peptide synthesis with laser-based transfer of monomers in solid matrix material. Nature Communications, 2016, 7, 11844.	5.8	49
108	High Glass Transition Temperature Renewable Polymers via Biginelli Multicomponent Polymerization. Macromolecular Rapid Communications, 2016, 37, 643-649.	2.0	80

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109	A Scalable and Highâ€Yield Strategy for the Synthesis of Sequenceâ€Defined Macromolecules. Angewandte Chemie - International Edition, 2016, 55, 1204-1207.	7.2	140
110	Controlling molecular weight and polymer architecture during the Passerini three component step-growth polymerization. Polymer Chemistry, 2016, 7, 1857-1860.	1.9	37
111	Fluorescent Covalently Cross-Linked Cellulose Networks via Light-Induced Ligation. ACS Macro Letters, 2016, 5, 139-143.	2.3	32
112	Unique adhesive properties of pressure sensitive adhesives from plant oils. International Journal of Adhesion and Adhesives, 2016, 64, 65-71.	1.4	44
113	Sustainable allylation of organosolv lignin with diallyl carbonate and detailed structural characterization of modified lignin. Green Chemistry, 2016, 18, 197-207.	4.6	41
114	Sophorolipids: Expanding structural diversity by ringâ€opening crossâ€metathesis. European Journal of Lipid Science and Technology, 2015, 117, 217-228.	1.0	29
115	Synthesis of Modified Polycaprolactams Obtained from Renewable Resources. Macromolecular Chemistry and Physics, 2015, 216, 1972-1981.	1.1	12
116	Potentially biocompatible polyacrylamides derived by the Ugi four-component reaction. European Polymer Journal, 2015, 65, 313-324.	2.6	17
117	Acyclic triene metathesis (ATMET) miniemulsion polymerization of linseed oil produces polymer nanoparticles with comparable molecular weight to that of bulk reactions. European Journal of Lipid Science and Technology, 2015, 117, 235-241.	1.0	7
118	Fats and oils as renewable feedstock for the chemical industry. European Journal of Lipid Science and Technology, 2015, 117, 133-134.	1.0	1
119	Renewable, fluorescent, and thermoresponsive: cellulose copolymers via light-induced ligation in solution. Polymer Chemistry, 2015, 6, 2188-2191.	1.9	18
120	Renewable Polymers from Itaconic Acid by Polycondensation and Ring-Opening-Metathesis Polymerization. Macromolecules, 2015, 48, 1398-1403.	2.2	106
121	Base catalyzed sustainable synthesis of phenyl esters from carboxylic acids using diphenyl carbonate. RSC Advances, 2015, 5, 53155-53160.	1.7	11
122	A Photolithographic Approach to Spatially Resolved Cross-Linked Nanolayers. Langmuir, 2015, 31, 3242-3253.	1.6	5
123	Versatile side chain modification via isocyanide-based multicomponent reactions: tuning the LCST of poly(2-oxazoline)s. Polymer Chemistry, 2015, 6, 3828-3836.	1.9	39
124	Dual side chain control in the synthesis of novel sequence-defined oligomers through the Ugi four-component reaction. Polymer Chemistry, 2015, 6, 3201-3204.	1.9	85
125	Novel Insights into Pressureâ€Sensitive Adhesives Based on Plant Oils. Macromolecular Chemistry and Physics, 2015, 216, 1609-1618.	1.1	32
126	Organic carbonates: sustainable and environmentally-friendly ethylation, allylation, and benzylation reagents. Tetrahedron, 2015, 71, 293-300.	1.0	24

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127	A latent and controllable ruthenium-indenylidene catalyst for emulsion ROMP in water. European Polymer Journal, 2015, 62, 116-123.	2.6	15
128	Renewable polycarbonates and polyesters from 1,4-cyclohexadiene. Green Chemistry, 2015, 17, 300-306.	4.6	177
129	Passerini and Ugi Multicomponent Reactions in Polymer Science. Advances in Polymer Science, 2014, , 61-86.	0.4	40
130	Tuning the polarity of ADMET derived star-shaped polymers via thiol-ene chemistry. Polymer, 2014, 55, 5571-5575.	1.8	22
131	Stepâ€Growth Polymerization in the 21st Century. Macromolecular Chemistry and Physics, 2014, 215, 2135-2137.	1.1	18
132	Divergent Dendrimer Synthesis via the Passerini Threeâ€Component Reaction and Olefin Crossâ€Metathesis. Macromolecular Rapid Communications, 2014, 35, 317-322.	2.0	44
133	Ugi Reactions with CO₂: Access to Functionalized Polyurethanes, Polycarbonates, Polyamides, and Polyhydantoins. Macromolecular Rapid Communications, 2014, 35, 1866-1871.	2.0	37
134	Oxaâ€and Thiazolidineâ€Containing Polymers Derived via the Asinger Fourâ€Component Reaction: the Ring Matters. Macromolecular Chemistry and Physics, 2014, 215, 412-420.	1.1	16
135	ADMET reactions in miniemulsion. Journal of Polymer Science Part A, 2014, 52, 1300-1305.	2.5	18
136	Sustainable polymers: reduced environmental impact, renewable raw materials and catalysis. Green Chemistry, 2014, 16, 1672.	4.6	29
137	Catalytic transesterification of cellulose in ionic liquids: sustainable access to cellulose esters. Green Chemistry, 2014, 16, 3266.	4.6	74
138	Barium peroxide nanoparticles: synthesis, characterization and their use for actuating the luminol chemiluminescence. Journal of Materials Chemistry C, 2014, 2, 1513.	2.7	12
139	Passerini addition polymerization of an AB-type monomer â€“ A convenient route to versatile polyesters. European Polymer Journal, 2014, 50, 150-157.	2.6	36
140	Diversely Substituted Polyamides: Macromolecular Design Using the Ugi Four-Component Reaction. Macromolecules, 2014, 47, 2774-2783.	2.2	139
141	Sequence Control in Polymer Chemistry through the Passerini Threeâ€Component Reaction. Angewandte Chemie - International Edition, 2014, 53, 711-714.	7.2	243
142	Renewable coâ€polymers derived from castor oil and limonene. European Journal of Lipid Science and Technology, 2014, 116, 31-36.	1.0	35
143	Highly efficient oxyfunctionalization of unsaturated fatty acid esters: an attractive route for the synthesis of polyamides from renewable resources. Green Chemistry, 2014, 16, 1784-1788.	4.6	34
144	Sulfur-containing fatty acid-based plasticizers via thiolâ€“ene addition and oxidation: synthesis and evaluation in PVC formulations. Green Chemistry, 2014, 16, 1883-1896.	4.6	40

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145	Fats and oils as renewable feedstock for the chemical industry. European Journal of Lipid Science and Technology, 2014, 116, 1-1.	1.0	10
146	Regioselective catalytic acetoxylation of limonene. Catalysis Science and Technology, 2014, 4, 2318-2325.	2.1	10
147	Temperature Responsive Cellulose-graft-Copolymers via Cellulose Functionalization in an Ionic Liquid and RAFT Polymerization. Biomacromolecules, 2014, 15, 2563-2572.	2.6	79
148	A more sustainable Wohlâ€“<scp>Z</scp>iegler bromination: Versatile derivatization of unsaturated <scp>FAME</scp>s and synthesis of renewable polyamides. European Journal of Lipid Science and Technology, 2014, 116, 44-51.	1.0	19
149	Olefin cross-metathesis as a valuable tool for the preparation of renewable polyesters and polyamides from unsaturated fatty acid esters and carbamates. Green Chemistry, 2014, 16, 3335-3340.	4.6	57
150	Modified Poly(Îµ-caprolactone)s: An Efficient and Renewable Access via Thia-Michael Addition and Baeyerâ€“Villiger Oxidation. Macromolecules, 2014, 47, 2842-2846.	2.2	33
151	Long-chain polyesters and polyamides from biochemically derived fatty acids. European Polymer Journal, 2014, 51, 159-166.	2.6	40
152	Multicomponent Reactions with a Convertible Isocyanide: Efficient and Versatile Grafting of ADMETâ€Derived Polymers. Macromolecular Chemistry and Physics, 2014, 215, 2207-2220.	1.1	23
153	The thiolâ€ene (click) reaction for the synthesis of plant oil derived polymers. European Journal of Lipid Science and Technology, 2013, 115, 41-54.	1.0	138
154	Tunable Polymers Obtained from Passerini Multicomponent Reaction Derived Acrylate Monomers. Macromolecules, 2013, 46, 6031-6037.	2.2	85
155	Self-metathesis of fatty acid methyl esters: full conversion by choosing the appropriate plant oil. RSC Advances, 2013, 3, 4927.	1.7	62
156	Ring-Opening Metathesis Polymerization of a Naturally Derived Macrocyclic Glycolipid. Macromolecules, 2013, 46, 3293-3300.	2.2	34
157	Renewable Aromaticâ€“Aliphatic Copolyesters Derived from Rapeseed. Macromolecular Chemistry and Physics, 2013, 214, 1452-1464.	1.1	42
158	Acyclic Diene Metathesis Polymerization and Heck Polymerâ€“Polymer Conjugation for the Synthesis of Starâ€shaped Block Copolymers. Macromolecular Rapid Communications, 2013, 34, 1381-1386.	2.0	23
159	Renewable polyamides and polyurethanes derived from limonene. Green Chemistry, 2013, 15, 370-380.	4.6	140
160	Introducing Catalytic Lossen Rearrangements: Sustainable Access to Carbamates and Amines. Advanced Synthesis and Catalysis, 2013, 355, 81-86.	2.1	64
161	Crossâ€metathesis versus palladiumâ€catalyzed Cï£¿H activation: Acetoxy ester functionalization of unsaturated fatty acid methyl esters. European Journal of Lipid Science and Technology, 2013, 115, 76-85.	1.0	20
162	Fats and oils as renewable feedstock for the chemical industry. European Journal of Lipid Science and Technology, 2013, 115, 1-2.	1.0	0

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163	Renewable co-polymers derived from vanillin and fatty acid derivatives. European Polymer Journal, 2013, 49, 156-166.	2.6	93
164	Grafting onto a renewable unsaturated polyester via thiolâ€“ene chemistry and cross-metathesis. European Polymer Journal, 2013, 49, 843-852.	2.6	40
165	Sustainable routes to polyurethane precursors. Green Chemistry, 2013, 15, 1431.	4.6	332
166	Renewable Nonâ€Isocyanate Based Thermoplastic Polyurethanes via Polycondensation of Dimethyl Carbamate Monomers with Diols. Macromolecular Rapid Communications, 2013, 34, 1569-1574.	2.0	102
167	Synthesis of Diverse Asymmetric Î±,Ï‰â€Dienes Via the Passerini Threeâ€Component Reaction for Headâ€toâ€Tail ADMET Polymerization. Macromolecular Chemistry and Physics, 2013, 214, 2821-2828.	1.1	27
168	Î±â€<scp>A</scp>rylation of saturated fatty acids. European Journal of Lipid Science and Technology, 2013, 115, 729-734.	1.0	2
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