

Michael A.R. Meier

List of Publications by Year in descending order

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277
papers

15,678
citations

20036

63
h-index

25230

113
g-index

315
all docs

315
docs citations

315
times ranked

11863
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 Non-Isocyanate Polyurethanes Based on Renewable 2,3-Butanediol. Macromolecular Chemistry and Physics, 2022, 223, .	1.1	7
5	Synthesis and Encapsulation of Uniform Star-Shaped Block-Macromolecules. Macromolecular Rapid Communications, 2021, 42, 2000467.	2.0	3
6	Sustainable Fatty Acid Modification of Cellulose in a CO ₂ -Based Switchable Solvent and Subsequent Thiol-Ene Modification. Biomacromolecules, 2021, 22, 586-593.	2.6	19
7	Synthesis of Passerini-CR Polymers and Assembly into Cytocompatible Polymersomes. Macromolecular Rapid Communications, 2021, 42, e2000321.	2.0	8
8	Fully Renewable Non-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 Rod-Like Oligomers. Macromolecular Rapid Communications, 2021, 42, e2000735.	2.0	1
14	Fettsäuren und Fettsäurederivate als nachwachsende Plattformmoleküle für 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-CO ₂ switchable solvent system. Cellulose, 2021, 28, 6869-6880.	2.4	5

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

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37	Sustainable catalytic rearrangement of terpene-derived epoxides: towards bio-based biscarbonyl monomers. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190267.	1.6	16
38	Reading mixtures of uniform sequence-defined macromolecules to increase data storage capacity. <i>Communications Chemistry</i> , 2020, 3, .	2.0	13
39	The Changing Structure of Scientific Communication: Expanding the Nature of Letters Submissions to ACS Sustainable Chemistry & Engineering. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8469-8470.	3.2	0
40	Sensitizing TADF Absorption Using Variable Length Oligo(phenylene ethynylene) Antennae. <i>Frontiers in Chemistry</i> , 2020, 8, 126.	1.8	3
41	A more sustainable and highly practicable synthesis of aliphatic isocyanides. <i>Green Chemistry</i> , 2020, 22, 933-941.	4.6	38
42	Expectations for Papers on Sustainable Materials in <i>ACS Sustainable Chemistry & Engineering</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1703-1704.	3.2	9
43	Dual sequence definition increases the data storage capacity of sequence-defined macromolecules. <i>Communications Chemistry</i> , 2020, 3, .	2.0	28
44	Fatty Acid-Derived Aliphatic Long Chain Polyethers by a Combination of Catalytic Ester Reduction and ADMET or Thiol-Ene Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800440.	1.1	31
45	Perspective: green polyurethane synthesis for coating applications. <i>Polymer International</i> , 2019, 68, 826-831.	1.6	45
46	Biocompatible Unimolecular Micelles Obtained via the Passerini Reaction as Versatile Nanocarriers for Potential Medical Applications. <i>Biomacromolecules</i> , 2019, 20, 90-101.	2.6	21
47	Facile and Sustainable Synthesis of Erythritol bis(carbonate), a Valuable Monomer for Non-Isocyanate Polyurethanes (NIPUs). <i>Scientific Reports</i> , 2019, 9, 9858.	1.6	14
48	Functional Polyethylene (PE) and PE-Based Block Copolymers by Organometallic-Mediated Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 9053-9063.	2.2	25
49	¹ H PFG-NMR Diffusion Study on a Sequence-Defined Macromolecule: Confirming Monodispersity. <i>Macromolecular Chemistry and Physics</i> , 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. <i>ACS Omega</i> , 2019, 4, 16972-16979.	1.6	24
51	On the macrocyclization selectivity of meta-substituted diamines and dialdehydes: towards macrocycles with tunable functional peripheries. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 119-134.	0.9	2
52	Direct comparison of solution and solid phase synthesis of sequence-defined macromolecules. <i>Polymer Chemistry</i> , 2019, 10, 3859-3867.	1.9	31
53	Monodisperse, sequence-defined macromolecules as a tool to evaluate the limits of ring-closing metathesis. <i>Polymer Chemistry</i> , 2019, 10, 2716-2722.	1.9	7
54	Plant-Oil-Based Polyamides and Polyurethanes: Toward Sustainable Nitrogen-Containing Thermoplastic Materials. <i>Macromolecular Rapid Communications</i> , 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: Sequence-Defined Macromolecules and Their Emerging Applications. Advanced Materials, 2019, 31, e1806027.	11.1	115
58	Polymacrocycles Derived via Ugi Multi-Component Reactions. Macromolecular Rapid Communications, 2019, 40, e1800748.	2.0	13
59	Sustainable Approach for Cellulose Aerogel Preparation from the DBU-CO ₂ Switchable Solvent. ACS Sustainable Chemistry and Engineering, 2019, 7, 3329-3338.	3.2	38
60	Why Wasn'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: Moleküle für 007. Nachrichten Aus Der Chemie, 2019, 67, 45-46.	0.0	0
62	A Sustainable Tandem Catalysis Approach to Plant Oil-Based Polyols via Schenck-Ene Reaction and Epoxidation. European Journal of Lipid Science and Technology, 2018, 120, 1800015.	1.0	7
63	Merging CO ₂ -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/CO ₂ 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 Thiol-Ene Miniemulsion Polymerization. European Journal of Lipid Science and Technology, 2018, 120, 1700212.	1.0	30
71	Sustainable succinylation of cellulose in a CO ₂ -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. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15170-15179.	3.2	9
74	On the direct use of CO ₂ in multicomponent reactions: introducing the Passerini four component reaction. <i>RSC Advances</i> , 2018, 8, 31490-31495.	1.7	7
75	Sustainable Transesterification of Cellulose with High Oleic Sunflower Oil in a DBU-CO ₂ Switchable Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8826-8835.	3.2	59
76	Surface Functionalization of Silicon, HOPG, and Graphite Electrodes: Toward an Artificial Solid Electrolyte Interface. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24172-24180.	4.0	20
77	Renewable Polyethers via GaBr ₃ Catalyzed Reduction of Polyesters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8775-8779.	7.2	17
78	Erneuerbare Polyether über die GaBr ₃ katalysierte Reduktion von Polyestern. <i>Angewandte Chemie</i> , 2018, 130, 8911-8915.	1.6	5
79	Highly efficient Tsuji-Trost allylation in water catalyzed by Pd-nanoparticles. <i>Chemical Communications</i> , 2017, 53, 5175-5178.	2.2	28
80	Synthesis of potential bisphenol A substitutes by isomerising metathesis of renewable raw materials. <i>Green Chemistry</i> , 2017, 19, 3051-3060.	4.6	76
81	Peptide array functionalization via the Ugi four-component reaction. <i>Chemical Communications</i> , 2017, 53, 5553-5556.	2.2	16
82	An Update on Isocyanide-Based Multicomponent Reactions in Polymer Science. <i>Topics in Current Chemistry</i> , 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. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700177.	1.1	9
84	Catalytic Oxyfunctionalization of Methyl 10-undecenoate for the Synthesis of Step-Growth Polymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700153.	1.1	9
85	Recent Progress in the Design of Monodisperse, Sequence-Defined Macromolecules. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600711.	2.0	165
86	Poly(1,20-eicosanediyl 2,5-furandicarboxylate), a biodegradable polyester from renewable resources. <i>European Polymer Journal</i> , 2017, 90, 301-311.	2.6	45
87	Synthesis and Characterization of Epoxy Thermosetting Polymers from Glycidylated Organosolv Lignin and Bisphenol A. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600411.	1.1	37
88	Phase Segregation in Supramolecular Polymers Based on Telechelics Synthesized via Multicomponent Reactions. <i>Macromolecular Chemistry and Physics</i> , 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. <i>RSC Advances</i> , 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. <i>Chemistry - A European Journal</i> , 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). <i>Polymer Chemistry</i> , 2017, 8, 6099-6105.	1.9	76
92	Sequence-controlled molecular layers on surfaces by thiol-ene chemistry: synthesis and multitechnique characterization. <i>Polymer Chemistry</i> , 2017, 8, 5824-5828.	1.9	1
93	Aerobic oxidation of α -pinene catalyzed by homogeneous and MOF-based Mn catalysts. <i>Applied Catalysis A: General</i> , 2017, 546, 1-6.	2.2	33
94	Macromol. Rapid Commun. 9/2017. <i>Macromolecular Rapid Communications</i> , 2017, 38, .	2.0	0
95	Catalytic Transesterification of Starch with Plant Oils: A Sustainable and Efficient Route to Fatty Acid Starch Esters. <i>ChemSusChem</i> , 2017, 10, 182-188.	3.6	21
96	Synthesis of structurally diverse 3,4-dihydropyrimidin-2(1 <i>H</i>)-ones via sequential Biginelli and Passerini reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 54-62.	1.3	18
97	An update on isocyanide-based multicomponent reactions in polymer science. <i>Topics in Current Chemistry Collections</i> , 2017, , 127-155.	0.2	6
98	Sustainable functionalization of cellulose and starch with diallyl carbonate in ionic liquids. <i>Green Chemistry</i> , 2017, 19, 3899-3907.	4.6	35
99	Selective formation of C ₃₆ -dimer fatty acids via thiol-ene addition for copolyamide synthesis. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 1470-1474.	1.0	13
100	Eine skalierbare Synthese sequenzdefinierter Makromoleküle mit hohen Ausbeuten. <i>Angewandte Chemie</i> , 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. <i>Applied Surface Science</i> , 2016, 389, 942-951.	3.1	2
102	Catalytic copolymerization of methyl 9,10-epoxystearate and cyclic anhydrides under neat conditions. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 104-110.	1.0	20
103	Fats and oils as renewable feedstock for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 1-2.	1.0	15
104	Renewability – a principle of utmost importance!. <i>Green Chemistry</i> , 2016, 18, 4800-4803.	4.6	41
105	Synthesis of polyacrylates from limonene by catalytic oxidation and multi-component reaction. <i>European Polymer Journal</i> , 2016, 83, 359-366.	2.6	12
106	Renewability is not Enough: Recent Advances in the Sustainable Synthesis of Biomass-Derived Monomers and Polymers. <i>Chemistry - A European Journal</i> , 2016, 22, 11510-11521.	1.7	228
107	High-flexibility combinatorial peptide synthesis with laser-based transfer of monomers in solid matrix material. <i>Nature Communications</i> , 2016, 7, 11844.	5.8	49
108	High Glass Transition Temperature Renewable Polymers via Biginelli Multicomponent Polymerization. <i>Macromolecular Rapid Communications</i> , 2016, 37, 643-649.	2.0	80

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109	A Scalable and High-Yield Strategy for the Synthesis of Sequence-Defined Macromolecules. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1204-1207.	7.2	140
110	Controlling molecular weight and polymer architecture during the Passerini three component step-growth polymerization. <i>Polymer Chemistry</i> , 2016, 7, 1857-1860.	1.9	37
111	Fluorescent Covalently Cross-Linked Cellulose Networks via Light-Induced Ligation. <i>ACS Macro Letters</i> , 2016, 5, 139-143.	2.3	32
112	Unique adhesive properties of pressure sensitive adhesives from plant oils. <i>International Journal of Adhesion and Adhesives</i> , 2016, 64, 65-71.	1.4	44
113	Sustainable allylation of organosolv lignin with diallyl carbonate and detailed structural characterization of modified lignin. <i>Green Chemistry</i> , 2016, 18, 197-207.	4.6	41
114	Sophorolipids: Expanding structural diversity by ring-opening cross-metathesis. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 217-228.	1.0	29
115	Synthesis of Modified Polycaprolactams Obtained from Renewable Resources. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1972-1981.	1.1	12
116	Potentially biocompatible polyacrylamides derived by the Ugi four-component reaction. <i>European Polymer Journal</i> , 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. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 235-241.	1.0	7
118	Fats and oils as renewable feedstock for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 133-134.	1.0	1
119	Renewable, fluorescent, and thermoresponsive: cellulose copolymers via light-induced ligation in solution. <i>Polymer Chemistry</i> , 2015, 6, 2188-2191.	1.9	18
120	Renewable Polymers from Itaconic Acid by Polycondensation and Ring-Opening-Metathesis Polymerization. <i>Macromolecules</i> , 2015, 48, 1398-1403.	2.2	106
121	Base catalyzed sustainable synthesis of phenyl esters from carboxylic acids using diphenyl carbonate. <i>RSC Advances</i> , 2015, 5, 53155-53160.	1.7	11
122	A Photolithographic Approach to Spatially Resolved Cross-Linked Nanolayers. <i>Langmuir</i> , 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. <i>Polymer Chemistry</i> , 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. <i>Polymer Chemistry</i> , 2015, 6, 3201-3204.	1.9	85
125	Novel Insights into Pressure-Sensitive Adhesives Based on Plant Oils. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1609-1618.	1.1	32
126	Organic carbonates: sustainable and environmentally-friendly ethylation, allylation, and benzylation reagents. <i>Tetrahedron</i> , 2015, 71, 293-300.	1.0	24

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

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

#	ARTICLE	IF	CITATIONS
163	Renewable co-polymers derived from vanillin and fatty acid derivatives. <i>European Polymer Journal</i> , 2013, 49, 156-166.	2.6	93
164	Grafting onto a renewable unsaturated polyester via thiol-ene chemistry and cross-metathesis. <i>European Polymer Journal</i> , 2013, 49, 843-852.	2.6	40
165	Sustainable routes to polyurethane precursors. <i>Green Chemistry</i> , 2013, 15, 1431.	4.6	332
166	Renewable Non-Isocyanate Based Thermoplastic Polyurethanes via Polycondensation of Dimethyl Carbamate Monomers with Diols. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1569-1574.	2.0	102
167	Synthesis of Diverse Asymmetric β,γ -Dienes Via the Passerini Three-Component Reaction for Head-to-Tail ADMET Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2821-2828.	1.1	27
168	Hydroxylation of saturated fatty acids. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 729-734.	1.0	2
169	Olefin Metathesis of Renewable Platform Chemicals. <i>Topics in Organometallic Chemistry</i> , 2012, , 1-44.	0.7	31
170	Plant Oil-Based Long-Chain C_{26} Monomers and Their Polymers. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2220-2227.	1.1	76
171	Monomers and their polymers derived from saturated fatty acid methyl esters and dimethyl carbonate. <i>Green Chemistry</i> , 2012, 14, 2429.	4.6	33
172	A new approach for modular polymer-polymer conjugations via Heck coupling. <i>Chemical Science</i> , 2012, 3, 2607.	3.7	37
173	On the Polymerization Behavior of Telomers: Metathesis versus Thiol-ene Chemistry. <i>Macromolecules</i> , 2012, 45, 1866-1878.	2.2	30
174	Fatty acid derived renewable polyamides via thiol-ene additions. <i>Green Chemistry</i> , 2012, 14, 2577.	4.6	85
175	TBD catalysis with dimethyl carbonate: a fruitful and sustainable alliance. <i>Green Chemistry</i> , 2012, 14, 1728.	4.6	95
176	Highly Orthogonal Functionalization of ADMET Polymers via Photo-Induced Diels-Alder Reactions. <i>Macromolecules</i> , 2012, 45, 5012-5019.	2.2	58
177	Side-Chain Modification and Grafting Onto via Olefin Cross-Metathesis. <i>Macromolecular Rapid Communications</i> , 2012, 33, 2023-2028.	2.0	20
178	A novel polymerization approach via thiol-yne addition. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1689-1695.	2.5	49
179	Initiation of Radical Chain Reactions of Thiol Compounds and Alkenes without any Added Initiator: Thiol-Catalyzed <i>cis</i> / <i>trans</i> Isomerization of Methyl Oleate. <i>Chemistry - A European Journal</i> , 2012, 18, 8201-8207.	1.7	39
180	Structurally Diverse Polyamides Obtained from Monomers Derived via the Ugi Multicomponent Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 5767-5776.	1.7	97

#	ARTICLE	IF	CITATIONS
181	Lowering the boiling point curve of biodiesel by cross-metathesis. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 55-62.	1.0	18
182	Fats and oils as renewable feedstock for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 1-1.	1.0	2
183	Acyclic Triene Metathesis Polymerization of <i>Plukenetia Conophora</i> Oil: Branched Polymers by Direct Polymerization of Renewable Resources. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 87-96.	1.1	20
184	Synthesis of star- and block-copolymers using ADMET: head-to-tail selectivity during step-growth polymerization. <i>Chemical Communications</i> , 2011, 47, 1908-1910.	2.2	57
185	Introducing Multicomponent Reactions to Polymer Science: Passerini Reactions of Renewable Monomers. <i>Journal of the American Chemical Society</i> , 2011, 133, 1790-1792.	6.6	337
186	Acyclic dienemetathesis: a versatile tool for the construction of defined polymer architectures. <i>Chemical Society Reviews</i> , 2011, 40, 1404-1445.	18.7	262
187	Terpene-Based Renewable Monomers and Polymers via Thiol-Ene Additions. <i>Macromolecules</i> , 2011, 44, 7253-7262.	2.2	195
188	Thiol-ene vs. ADMET: a complementary approach to fatty acid-based biodegradable polymers. <i>Green Chemistry</i> , 2011, 13, 314.	4.6	84
189	Towards Sustainable Solution Polymerization: Biodiesel as a Polymerization Solvent. , 2011, , 143-161.		1
190	Copolymers derived from rapeseed derivatives via ADMET and thiol-ene addition. <i>European Polymer Journal</i> , 2011, 47, 1804-1816.	2.6	60
191	Polyurethanes from polyols obtained by ADMET polymerization of a castor oil-based diene: Characterization and shape memory properties. <i>Journal of Polymer Science Part A</i> , 2011, 49, 518-525.	2.5	37
192	Shape Memory Polyurethanes from Renewable Polyols Obtained by ADMET Polymerization of Glycerol Triundecanoate and 10-Undecenol. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1392-1399.	1.1	31
193	Renewable Polyethylene Mimics Derived from Castor Oil. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1357-1361.	2.0	48
194	Renewable Resources for Polymer Chemistry: A Sustainable Alternative?. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1297-1298.	2.0	12
195	Poly- α,β -unsaturated aldehydes derived from castor oil via ADMET polymerization. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 31-38.	1.0	31
196	Cross-metathesis of unsaturated triglycerides with methyl acrylate: Synthesis of a dimeric metathesis product. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 39-45.	1.0	33
197	Fats and oils as renewable feedstock for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 1-2.	1.0	12
198	The oleochemical feedstock wish list. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 1297-1298.	1.0	1

#	ARTICLE	IF	CITATIONS
199	Oils and Fats as Renewable Raw Materials in Chemistry. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3854-3871.	7.2	871
200	Plant oils: The perfect renewable resource for polymer science?!. <i>European Polymer Journal</i> , 2011, 47, 837-852.	2.6	532
201	4-Vinylbenzenesulfonic acid adduct of epoxidized soybean oil: Synthesis, free radical and ADMET polymerizations. <i>European Polymer Journal</i> , 2011, 47, 1467-1476.	2.6	16
202	Castor oil as a renewable resource for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 10-30.	1.0	587
203	Fats and oils as renewable feedstock for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 1-2.	1.0	4
204	Acyclic Triene Metathesis Oligo- and Polymerization of High Oleic Sun Flower Oil. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 854-862.	1.1	67
205	Studying and Suppressing Olefin Isomerization Side Reactions During ADMET Polymerizations. <i>Macromolecular Rapid Communications</i> , 2010, 31, 368-373.	2.0	71
206	Fatty Acid Derived Monomers and Related Polymers via Thiol-ene (Click) Additions. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1822-1826.	2.0	171
207	Phosphorus-containing renewable polyester-polyols via ADMET polymerization: Synthesis, functionalization, and radical crosslinking. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1649-1660.	2.5	63
208	Ring-opening metathesis polymerization of fatty acid derived monomers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5899-5906.	2.5	30
209	About the activity and selectivity of less well-known metathesis catalysts during ADMET polymerizations. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 1149-1158.	1.3	20
210	A simple approach to reduce the environmental impact of olefin metathesis reactions: a green and renewable solvent compared to solvent-free reactions. <i>Green Chemistry</i> , 2010, 12, 169-173.	4.6	32
211	Polymer Libraries: Preparation and Applications. <i>Advances in Polymer Science</i> , 2009, , 1-15.	0.4	13
212	A Design of Experiments Approach for the Optimization and Understanding of the Cross-Metathesis Reaction of Methyl Ricinoleate with Methyl Acrylate. <i>ChemSusChem</i> , 2009, 2, 749-754.	3.6	36
213	Unsaturated PA X,20 from Renewable Resources via Metathesis and Catalytic Amidation. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1019-1025.	1.1	108
214	Metathesis with Oleochemicals: New Approaches for the Utilization of Plant Oils as Renewable Resources in Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1073-1079.	1.1	145
215	Fatty acid derived phosphorus-containing polyesters via acyclic diene metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5760-5771.	2.5	64
216	Cross-metathesis reactions of allyl chloride with fatty acid methyl esters: Efficient synthesis of β,γ -difunctional chemical intermediates from renewable raw materials. <i>Applied Catalysis A: General</i> , 2009, 353, 32-35.	2.2	81

#	ARTICLE	IF	CITATIONS
217	Improving the selectivity for the synthesis of two renewable platform chemicals via olefin metathesis. <i>Applied Catalysis A: General</i> , 2009, 368, 158-162.	2.2	54
218	A Versatile Approach to Unimolecular Water-Soluble Carriers: ATRP of PEGMA with Hydrophobic Star-Shaped Polymeric Core Molecules as an Alternative for PEGylation. <i>Macromolecules</i> , 2009, 42, 1808-1816.	2.2	84
219	Use of a Renewable and Degradable Monomer to Study the Temperature-Dependent Olefin Isomerization during ADMET Polymerizations. <i>Journal of the American Chemical Society</i> , 2009, 131, 1664-1665.	6.6	114
220	Polymeric nanocontainers with high loading capacity of hydrophobic drugs. <i>Soft Matter</i> , 2009, 5, 1662.	1.2	46
221	Encapsulation and release by star-shaped block copolymers as unimolecular nanocontainers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 650-660.	2.5	30
222	Acyclic Triene Metathesis Polymerization with Chain Stoppers: Molecular Weight Control in the Synthesis of Branched Polymers. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1620-1625.	2.0	73
223	Cross-metathesis with fatty acid derivatives: Scope, challenges and perspectives. <i>Lipid Technology</i> , 2008, 20, 84-87.	0.3	9
224	Acyclic Diene Metathesis with a Monomer from Renewable Resources: Control of Molecular Weight and One-Step Preparation of Block Copolymers. <i>ChemSusChem</i> , 2008, 1, 542-547.	3.6	118
225	Metathesis as a versatile tool in oleochemistry. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 797-804.	1.0	160
226	Polymers from renewable resources: Bulk ATRP of fatty alcohol-derived methacrylates. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 853-859.	1.0	44
227	Fats and oils as renewable feedstock for the chemical industry. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 787-787.	1.0	2
228	Cross-metathesis of oleyl alcohol with methyl acrylate: optimization of reaction conditions and comparison of their environmental impact. <i>Green Chemistry</i> , 2008, 10, 1099.	4.6	83
229	Pflanzenöle für die chemische Industrie. <i>Nachrichten Aus Der Chemie</i> , 2008, 56, 738-742.	0.0	3
230	Supramolecular Self-Assembled Ni(II), Fe(II), and Co(II) ABA Triblock Copolymers. <i>Macromolecules</i> , 2008, 41, 2771-2777.	2.2	61
231	Systematic Signature Engineering by Re-use of Snort Signatures. , 2008, , .		1
232	Two-Dimensional Self-Assembly of Linear Poly(ethylene oxide)-b-poly(μ -caprolactone) Copolymers at the Air-Water Interface. <i>Langmuir</i> , 2007, 23, 2423-2429.	1.6	44
233	Statistical Approach To Understand MALDI-TOFMS Matrices: Discovery and Evaluation of New MALDI Matrices. <i>Analytical Chemistry</i> , 2007, 79, 863-869.	3.2	31
234	Plant oil renewable resources as green alternatives in polymer science. <i>Chemical Society Reviews</i> , 2007, 36, 1788.	18.7	1,288

#	ARTICLE	IF	CITATIONS
235	Application possibilities of preparative size exclusion chromatography to analytical problems in polymer science. <i>E-Polymers</i> , 2007, 7, .	1.3	0
236	New Insights into Nickel(II), Iron(II), and Cobalt(II) Bis-Complex-Based Metallo-Supramolecular Polymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 679-689.	1.1	58
237	Transport of Guest Molecules by Unimolecular Micelles Evidenced in Analytical Ultracentrifugation Experiments. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1429-1433.	2.0	2
238	Cross-metathesis of fatty acid derivatives with methyl acrylate: renewable raw materials for the chemical industry. <i>Green Chemistry</i> , 2007, 9, 1356.	4.6	172
239	Tuning the Hydrophilicity of Gold Nanoparticles Templated in Star Block Copolymers. <i>Langmuir</i> , 2006, 22, 6690-6695.	1.6	67
240	Selected successful approaches in combinatorial materials research. <i>Soft Matter</i> , 2006, 2, 371.	1.2	12
241	Star-shaped block copolymer stabilized palladium nanoparticles for efficient catalytic Heck cross-coupling reactions. <i>Journal of Materials Chemistry</i> , 2006, 16, 3001.	6.7	68
242	Langmuir and Langmuir-Blodgett Films of Poly(ethylene oxide)-b-Poly(μ -caprolactone) Star-Shaped Block Copolymers. <i>Langmuir</i> , 2006, 22, 9264-9271.	1.6	47
243	Supramolecular ABA Triblock Copolymers via a Polycondensation Approach: Synthesis, Characterization, and Micelle Formation. <i>Macromolecules</i> , 2006, 39, 1569-1576.	2.2	60
244	First GPC results of terpyridine based chain extended supramolecular polymers: comparison with viscosity and analytical ultracentrifugation. <i>E-Polymers</i> , 2006, 6, .	1.3	7
245	Iridium(III) Complexes with PEO and PS Polymer Macroligands and Light-Emitting Properties: Synthesis and Characterization. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 989-997.	1.1	33
246	PEO-b-PCL Block Copolymers: Synthesis, Detailed Characterization, and Selected Micellar Drug Encapsulation Behavior. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1918-1924.	2.0	89
247	Combinatorial and high-throughput approaches in polymer science. <i>Measurement Science and Technology</i> , 2005, 16, 203-211.	1.4	50
248	Synthesis and characterization of 4- and 6-arm star-shaped poly(μ -caprolactone)s. <i>E-Polymers</i> , 2005, 5, .	1.3	0
249	Integration of MALDI-TOFMS as high-throughput screening tool into the workflow of combinatorial polymer research. <i>Review of Scientific Instruments</i> , 2005, 76, 062211.	0.6	16
250	Accelerating the Living Polymerization of 2-Nonyl-2-oxazoline by Implementing a Microwave Synthesizer into a High-Throughput Experimentation Workflow. <i>ACS Combinatorial Science</i> , 2005, 7, 10-13.	3.3	73
251	Combinatorial Evaluation of the Host-Guest Chemistry of Star-Shaped Block Copolymers. <i>ACS Combinatorial Science</i> , 2005, 7, 356-359.	3.3	18
252	Synthesis of Terpyridine-Terminated Polymers by Anionic Polymerization. <i>Macromolecules</i> , 2005, 38, 10388-10396.	2.2	32

#	ARTICLE	IF	CITATIONS
253	Investigation of the Living Cationic Ring-Opening Polymerization of 2-Methyl-, 2-Ethyl-, 2-Nonyl-, and 2-Phenyl-2-oxazoline in a Single-Mode Microwave Reactor. <i>Macromolecules</i> , 2005, 38, 5025-5034.	2.2	264
254	Star-Block Copolymers as Templates for the Preparation of Stable Gold Nanoparticles. <i>Langmuir</i> , 2005, 21, 7995-8000.	1.6	96
255	The Introduction of High-Throughput Experimentation Methods for Suzuki-Miyaura Coupling Reactions in University Education. <i>Journal of Chemical Education</i> , 2005, 82, 1693.	1.1	18
256	Fluorescent sensing of transition metal ions based on the encapsulation of dithranol in a polymeric core shell architecture. <i>Chemical Communications</i> , 2005, , 4610.	2.2	60
257	A Novel Light-Emitting Mixed-Ligand Iridium(III) Complex With a Polymeric Terpyridine-PEG Macroligand: Synthesis And Characterization. <i>Materials Research Society Symposia Proceedings</i> , 2004, 846, DD11.7.1.	0.1	0
258	Novel iridium complexes with polymer side-chains. <i>Materials Research Society Symposia Proceedings</i> , 2004, 846, DD4.4.1.	0.1	0
259	Automated parallel investigations/optimizations of the reversible addition-fragmentation chain transfer polymerization of methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5775-5783.	2.5	57
260	Combinatorial Methods, Automated Synthesis and High-Throughput Screening in Polymer Research: The Evolution Continues. <i>Macromolecular Rapid Communications</i> , 2004, 25, 21-33.	2.0	116
261	A Mixed Ruthenium Polypyridyl Complex Containing a PEG-Bipyridine Macroligand. <i>Macromolecular Rapid Communications</i> , 2004, 25, 793-798.	2.0	36
262	A Novel Light-Emitting Mixed-Ligand Iridium(III) Complex with a Terpyridine-Poly(ethylene glycol) Macroligand. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1491-1496.	2.0	45
263	Combinatorial Synthesis of Star-Shaped Block Copolymers: Host-Guest Chemistry of Unimolecular Reversed Micelles. <i>Journal of the American Chemical Society</i> , 2004, 126, 11517-11521.	6.6	113
264	Combinatorial polymer research and high-throughput experimentation: powerful tools for the discovery and evaluation of new materials. <i>Journal of Materials Chemistry</i> , 2004, 14, 3289.	6.7	51
265	Relative binding strength of terpyridine model complexes under matrix-assisted laser desorption/ionization mass spectrometry conditions. <i>Journal of Mass Spectrometry</i> , 2003, 38, 510-516.	0.7	78
266	Characterization of Defined Metal-Containing Supramolecular Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2003, 24, 852-857.	2.0	74
267	Living Cationic Polymerizations Utilizing an Automated Synthesizer: High-Throughput Synthesis of Polyoxazolines. <i>Macromolecular Rapid Communications</i> , 2003, 24, 92-97.	2.0	71
268	Combinatorial Methods, Automated Synthesis and High-Throughput Screening in Polymer Research: Past and Present. <i>Macromolecular Rapid Communications</i> , 2003, 24, 15-32.	2.0	178
269	Instrumentation for Combinatorial and High-Throughput Polymer Research: A Short Overview. <i>Macromolecular Rapid Communications</i> , 2003, 24, 33-46.	2.0	55
270	Terpyridine-modified poly(vinyl chloride): Possibilities for supramolecular grafting and crosslinking. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2964-2973.	2.5	30

#	ARTICLE	IF	CITATIONS
271	New soluble functional polymers by free-radical copolymerization of methacrylates and bipyridine ruthenium complexes. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3954-3964.	2.5	32
272	Automated multiple-layer spotting for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of synthetic polymers utilizing ink-jet printing technology. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2349-2353.	0.7	30
273	Evaluation of a new multiple-layer spotting technique for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of synthetic polymers. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 713-716.	0.7	60
274	Automated MALDI-TOF-MS Sample Preparation in Combinatorial Polymer Research. <i>ACS Combinatorial Science</i> , 2003, 5, 369-374.	3.3	41
275	Combinatorial methods and high-throughput experimentation in synthetic polymer chemistry. <i>Materials Research Society Symposia Proceedings</i> , 2003, 804, 7.	0.1	0
276	REAÇÕES DE POLIMERIZAÇÃO VIA METÁTESE DE DIENO ACÍCLICO (ADMET) EM MINIEMULSÃO. , 0, , .		0
277	RAFT Polymerisation of a Renewable Ricinoleic Acid-Derived Monomer and Subsequent Post-Polymerisation Modification via the Biginelli-Component Reaction. <i>Macromolecular Chemistry and Physics</i> , 0, , 2100360.	1.1	3