

Michael R Buchmeiser

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	N-Heterocyclic and Mesoionic Carbene Complexes of Group 5 and Group 6 Metals. , 2022, , 208-263.		2
2	Group 6 High Oxidation State Alkylidene and Alkylidyne Complexes. , 2022, , 671-773.		7
3	Olefin Metathesis in Confinement: Towards Covalent Organic Framework Scaffolds for Increased Macrocyclization Selectivity. Chemistry - A European Journal, 2022, 28, .	3.3	15
4	Communicationâ€”Lithium Titanate as Mg-Ion Insertion Anode for Mg-Ion Sulfur Batteries Based on Sulfurated Poly(acrylonitrile) Composite. Journal of the Electrochemical Society, 2022, 169, 010505.	2.9	6
5	Olefin-Surface Interactions: A Key Activity Parameter in Silica-Supported Olefin Metathesis Catalysts. JACS Au, 2022, 2, 777-786.	7.9	8
6	Preparation of Cellulose-Derived Carbon Fibers Using a New Reduced-Pressure Stabilization Method. Industrial & Engineering Chemistry Research, 2022, 61, 5191-5201.	3.7	10
7	Influence of the Siliconâ€”Carbon Interface on the Structure and Electrochemical Performance of a Phenolic Resin-Derived Si@C Coreâ€”Shell Nanocomposite-Based Anode. ACS Applied Materials & Interfaces, 2022, 14, 761-770.	8.0	11
8	Fibrous Polyethyleneimineâ€”Functionalized Cellulose Materials for CO ₂ Capture and Release. Macromolecular Materials and Engineering, 2022, 307, .	3.6	5
9	Isomers of Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. Organometallics, 2022, 41, 1232-1248.	2.3	2
10	A design concept for halogen-free Mg ²⁺ /Li ⁺ -dual salt-containing gel-polymer-electrolytes for rechargeable magnesium batteries. Energy Storage Materials, 2022, 49, 509-517.	18.0	11
11	Stable Cycling of Roomâ€”Temperature Sodiumâ€”Sulfur Batteries Based on an In Situ Crosslinked Gel Polymer Electrolyte. Advanced Functional Materials, 2022, 32, .	14.9	14
12	High-Performance Cathode Materials for Lithiumâ€”Sulfur Batteries Based on Sulfurated Poly(norbornadiene) and Sulfurated Poly(dicyclopentadiene). ACS Applied Energy Materials, 2022, 5, 7642-7650.	5.1	2
13	Cationic molybdenum oxo alkylidenes stabilized by N-heterocyclic carbenes: from molecular systems to efficient supported metathesis catalysts. Chemical Science, 2022, 13, 8649-8656.	7.4	5
14	Cationic Group VI Metal Imido Alkylidene <i>N</i> -Heterocyclic Carbene Nitrile Complexes: Benchâ€”Stable, Functionalâ€”Groupâ€”Tolerant Olefin Metathesis Catalysts. Angewandte Chemie - International Edition, 2021, 60, 1374-1382.	13.8	27
15	Olefin Ringâ€”Closing Metathesis under Spatial Confinement: Morphologyâ€”Transport Relationships. ChemCatChem, 2021, 13, 281-292.	3.7	18
16	Chitin/cellulose blend fibers prepared by wet and <i>wet</i> spinning. Polymers for Advanced Technologies, 2021, 32, 335-342.	3.2	20
17	Noble metal location in porous supports determined by reaction with phosphines. Microporous and Mesoporous Materials, 2021, 310, 110594.	4.4	5
18	Cationic Group VI Metal Imido Alkylidene <i>N</i> -Heterocyclic Carbene Nitrile Complexes: Benchâ€”Stable, Functionalâ€”Groupâ€”Tolerant Olefin Metathesis Catalysts. Angewandte Chemie, 2021, 133, 1394-1402.	2.0	8

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19	Synthesis of dihydroxy telechelic oligomers of ϵ -butyrolactone catalyzed by titanium(IV) alkoxides and their use as macrodiols in polyurethane chemistry. <i>Journal of Polymer Science</i> , 2021, 59, 274-281.	3.8	4
20	Cationic tungsten imido alkylidene N-heterocyclic carbene complexes for stereospecific ring-opening metathesis polymerization of norbornene derivatives. <i>Polymer Chemistry</i> , 2021, 12, 5979-5985.	3.9	6
21	Tuning the Latent Behavior of Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes in Dicyclopentadiene Polymerization. <i>Organometallics</i> , 2021, 40, 253-265.	2.3	5
22	Catalysis in Confined Spaces. <i>ChemCatChem</i> , 2021, 13, 785-786.	3.7	9
23	High-performance cellulosic filament fibers prepared via dry-jet wet spinning from ionic liquids. <i>Cellulose</i> , 2021, 28, 3055-3067.	4.9	23
24	Olefin Ring-Closing Metathesis under Spatial Confinement and Continuous Flow. <i>ChemCatChem</i> , 2021, 13, 2234-2241.	3.7	13
25	Cationic Tungsten Oxo Alkylidene N-Heterocyclic Carbene Complexes via Hydrolysis of Cationic Alkylidyne Progenitors. <i>Organometallics</i> , 2021, 40, 927-937.	2.3	7
26	Highly Reactive Cationic Molybdenum Alkylidyne N-Heterocyclic Carbene Catalysts for Alkyne Metathesis. <i>Organometallics</i> , 2021, 40, 1178-1184.	2.3	15
27	Influence of the Drying Temperature on the Performance and Binder Distribution of Sulfurized Poly(acrylonitrile) Cathodes. <i>Journal of the Electrochemical Society</i> , 2021, 168, 050510.	2.9	8
28	Vanadium(V) Arylimido Alkylidene N-Heterocyclic Carbene Alkyl and Perhalophenoxy Alkylidenes for the Cis, Syndiospecific Ring Opening Metathesis Polymerization of Norbornene. <i>Organometallics</i> , 2021, 40, 2017-2022.	2.3	16
29	Development of mullite fibers and novel zirconia-toughened mullite fibers for high temperature applications. <i>Journal of the European Ceramic Society</i> , 2021, 41, 3570-3580.	5.7	25
30	Structure Evolution in Polyethylene-Derived Carbon Fiber Using a Combined Electron Beam-Stabilization-Sulphurization Approach. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100280.	3.6	7
31	Ultra-Stable Cycling of High Capacity Room Temperature Sodium-Sulfur Batteries Based on Sulfurated Poly(acrylonitrile). <i>Batteries and Supercaps</i> , 2021, 4, 1636-1646.	4.7	16
32	On the Origin of E-Selectivity in the Ring-Opening Metathesis Polymerization with Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>Organometallics</i> , 2021, 40, 2478-2488.	2.3	6
33	A Hard Templating Approach to Functional Mesoporous Poly(norbornene)-Based Monolithic Supports. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100247.	2.2	2
34	Confinement Effects for Efficient Macrocyclization Reactions with Supported Cationic Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>ACS Catalysis</i> , 2021, 11, 11570-11578.	11.2	18
35	Cationic Tungsten Imido Alkylidene N-Heterocyclic Carbene Complexes That Contain Bulky Ligands. <i>Organometallics</i> , 2021, 40, 3145-3157.	2.3	4
36	High-Performance Carbon Fibers Prepared by Continuous Stabilization and Carbonization of Electron Beam-Irradiated Textile Grade Polyacrylonitrile Fibers. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100484.	3.6	7

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37	Werkstoffe: Oxidkeramische Fasern. Nachrichten Aus Der Chemie, 2021, 69, 42-44.	0.0	0
38	Rh(I)/(III)-Heterocyclic Carbene Complexes: Effect of Steric Confinement Upon Immobilization on Regio- and Stereoselectivity in the Hydrosilylation of Alkynes. Chemistry - A European Journal, 2021, 27, 17220-17229.	3.3	13
39	Transparent Fiber-Reinforced Composites Based on a Thermoset Resin Using Liquid Composite Molding (LCM) Techniques. Materials, 2021, 14, 6087.	2.9	9
40	A sodium bis(perfluoropinacol) borate-based electrolyte for stable, high-performance room temperature sodium-sulfur batteries based on sulfurized poly(acrylonitrile). Electrochemistry Communications, 2021, 132, 107137.	4.7	12
41	Performance enhancement of rechargeable magnesium-sulfur batteries based on a sulfurized poly(acrylonitrile) composite and a lithium salt. Journal of Power Sources, 2021, 515, 230604.	7.8	12
42	Tungsten Sulfido Alkylidene and Cationic Tungsten Sulfido Alkylidene N -Heterocyclic Carbene Complexes. Organometallics, 2021, 40, 4026-4034.	2.3	2
43	Special Issue on Contemporary Challenges in Catalysis. Chemistry - A European Journal, 2021, 27, 16808-16808.	3.3	0
44	Regio- and Stereospecific Cyclopolymerization of E -Diynes by Cationic Molybdenum Imido Alkylidene N -Heterocyclic Carbene Complexes. Macromolecular Rapid Communications, 2020, 41, e1900398.	3.9	6
45	Potential of triphenylphosphine as solid-state NMR probe for studying the noble metal distribution on porous supports. Microporous and Mesoporous Materials, 2020, 293, 109778.	4.4	12
46	Synthesis of Ionic Dendrimers and Their Potential Use as Electrolytes for Lithium-Sulfur Batteries. Macromolecular Chemistry and Physics, 2020, 221, 1900436.	2.2	6
47	Origin and Use of Hydroxyl Group Tolerance in Cationic Molybdenum Imido Alkylidene N -Heterocyclic Carbene Catalysts. Angewandte Chemie, 2020, 132, 961-968.	2.0	8
48	Origin and Use of Hydroxyl Group Tolerance in Cationic Molybdenum Imido Alkylidene N -Heterocyclic Carbene Catalysts. Angewandte Chemie - International Edition, 2020, 59, 951-958.	13.8	31
49	Silica-Supported Cationic Tungsten Imido Alkylidene Stabilized by an N -Heterocyclic Carbene Ligand Boosts Activity and Selectivity in the Metathesis of E -Olefins. Helvetica Chimica Acta, 2020, 103, e2000161.	1.6	10
50	Dual catalysis with an N -heterocyclic carbene and a Lewis acid: Thermally latent precatalyst for the polymerization of ϵ -caprolactam. Journal of Polymer Science, 2020, 58, 3219-3226.	3.8	1
51	Characteristics of magnesium-sulfur batteries based on a sulfurized poly(acrylonitrile) composite and a fluorinated electrolyte. Electrochimica Acta, 2020, 361, 137024.	5.2	21
52	Charge Distribution in Cationic Molybdenum Imido Alkylidene N -Heterocyclic Carbene Complexes: A Combined X-ray, XAS, XES, DFT, Mössbauer, and Catalysis Approach. ACS Catalysis, 2020, 10, 14810-14823.	11.2	19
53	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	2.2	69
54	Reaction Mechanism of Ring-Closing Metathesis with a Cationic Molybdenum Imido Alkylidene N -Heterocyclic Carbene Catalyst. Organometallics, 2020, 39, 3146-3159.	2.3	2

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55	Synthesis of Tungsten(VI) Imido Alkylidene Bispyrrolide Complexes via the Isocyanate Route. <i>Organometallics</i> , 2020, 39, 3072-3076.	2.3	5
56	Melt-Spinning of an Intrinsically Flame-Retardant Polyacrylonitrile Copolymer. <i>Materials</i> , 2020, 13, 4826.	2.9	11
57	A Spirocyclic Parabanic Acid Masked N-Heterocyclic Carbene as Thermally Latent Pre-Catalyst for Polyamide 6 Synthesis and Epoxide Curing. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000338.	3.9	1
58	Metal-Surface Interactions and Surface Heterogeneity in "Well-Defined" Silica-Supported Alkene Metathesis Catalysts: Evidences and Consequences. <i>Helvetica Chimica Acta</i> , 2020, 103, e2000072.	1.6	10
59	Cationic Tungsten Alkylidyne N-Heterocyclic Carbene Complexes: Synthesis and Reactivity in Alkyne Metathesis. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3070-3082.	2.0	16
60	Reversible N-Heterocyclic Carbene-Induced H-Abstraction in Tungsten(VI) Imido Dialkyl Dialkoxide Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 8709-8713.	3.3	6
61	High-Performance Magnesium-Sulfur Batteries Based on a Sulfurated Poly(acrylonitrile) Cathode, a Borohydride Electrolyte, and a High-Surface Area Magnesium Anode. <i>Batteries and Supercaps</i> , 2020, 3, 1239-1247.	4.7	23
62	Chromium(VI) Bisimido Dichloro, Bisimido Alkylidene, and Chromium(V) Bisimido Iodo N-Heterocyclic Carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3673-3681.	2.0	7
63	Cathode materials for lithium-sulfur batteries based on sulfur covalently bound to a polymeric backbone. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5379-5394.	10.3	39
64	Melt spinning of propylene carbonate-plasticized poly(acrylonitrile)-co-poly(methyl acrylate). <i>Polymers for Advanced Technologies</i> , 2020, 31, 1827-1835.	3.2	7
65	Group 6 metal alkylidene and alkylidyne N-heterocyclic carbene complexes for olefin and alkyne metathesis. <i>Coordination Chemistry Reviews</i> , 2020, 415, 213315.	18.8	39
66	Development of New Cellulosic Fibers and Composites Using Ionic Liquid Technology. <i>Green Chemistry and Sustainable Technology</i> , 2020, , 227-259.	0.7	5
67	Functional Precision Polymers via Stereo- and Regioselective Polymerization Using Group 6 Metal Alkylidene and Group 6 and 8 Metal Alkylidene N-Heterocyclic Carbene Complexes. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800492.	3.9	26
68	α -Substituted acryloamidines as novel comonomers for melt-processible poly(acrylonitrile)-based carbon fiber precursors. <i>Polymer Chemistry</i> , 2019, 10, 4469-4476.	3.9	5
69	Synthesis of intrinsically flame-retardant copolyamides and their employment in PA6 fibers. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2872-2882.	3.2	9
70	Molybdenum and Tungsten Alkylidyne Complexes Containing Mono-, Bi-, and Tridentate N-Heterocyclic Carbenes. <i>Organometallics</i> , 2019, 38, 4133-4146.	2.3	30
71	Rechargeable Magnesium-Sulfur Battery Technology: State of the Art and Key Challenges. <i>Advanced Functional Materials</i> , 2019, 29, 1905248.	14.9	80
72	Olefin Metathesis in Confined Geometries: A Biomimetic Approach toward Selective Macrocyclization. <i>Journal of the American Chemical Society</i> , 2019, 141, 19014-19022.	13.7	60

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73	Stereoselective Olefin Ring-Opening Cross Metathesis Catalyzed by Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5596-5604.	4.3	15
74	Synthesis of trans-Isotactic Poly(norbornene)s through Living Ring-Opening Metathesis Polymerization Initiated by Group VI Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>Macromolecules</i> , 2019, 52, 4059-4066.	4.8	35
75	Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes Containing Pyrrolide Ligands: Access to Catalysts with Sterically Demanding Alkoxides. <i>Organometallics</i> , 2019, 38, 2461-2471.	2.3	17
76	Mechanism of Olefin Metathesis with Neutral and Cationic Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 8264-8276.	13.7	38
77	Syntheses of intrinsically flame-retardant polyamide 6 fibers and fabrics. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47829.	2.6	26
78	Influence of morphology of monolithic sulfur-poly(acrylonitrile) composites used as cathode materials in lithium-sulfur batteries on electrochemical performance. <i>RSC Advances</i> , 2019, 9, 7181-7188.	3.6	24
79	Carbon fiber surface modification for tailored fiber-matrix adhesion in the manufacture of C/C-SiC composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 120, 64-72.	7.6	22
80	Understanding Synthetic Peculiarities of Cationic Molybdenum(VI) Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1911-1922.	2.0	22
81	Ti (IV) Complexes with Bidentate O-Chelating N-Heterocyclic Carbenes for Use in the Homopolymerization of Ethylene and Its Copolymerization with Cyclic Olefins. <i>ChemCatChem</i> , 2019, 11, 744-752.	3.7	10
82	Processing of Cellulose Using Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800450.	3.6	73
83	Structure evolution in all-aromatic, poly(p-phenylene-vinylene)-derived carbon fibers. <i>Carbon</i> , 2019, 144, 659-665.	10.3	8
84	Synthesis of Linear Poly(oxazolidin-2-one)s by Cooperative Catalysis Based on N-Heterocyclic Carbenes and Simple Lewis Acids. <i>Macromolecules</i> , 2019, 52, 487-494.	4.8	17
85	Preparation of C/SiC Composites from All-Cellulose Precursors. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800763.	3.6	4
86	Organoclays assisted vat and disperse dyeing of poly(ethylene terephthalate) nanocomposite fabrics via melt spinning. <i>Coloration Technology</i> , 2018, 134, 126-134.	1.5	8
87	Supported ionic liquid phase (SILP) facilitated gas-phase enzyme catalysis - CALB catalyzed transesterification of vinyl propionate. <i>Catalysis Science and Technology</i> , 2018, 8, 2460-2466.	4.1	24
88	Differences in Electrochemistry between Fibrous SPAN and Fibrous S/C Cathodes Relevant to Cycle Stability and Capacity. <i>Journal of the Electrochemical Society</i> , 2018, 165, A6017-A6020.	2.9	32
89	Silica-Supported Molybdenum Alkylidyne N-Heterocyclic Carbene Catalysts: Relevance of Site Isolation to Catalytic Performance. <i>ChemCatChem</i> , 2018, 10, 1829-1834.	3.7	17
90	Hybrid Li/S Battery Based on Dimethyl Trisulfide and Sulfurized Poly(acrylonitrile). <i>Advanced Sustainable Systems</i> , 2018, 2, 1700144.	5.3	31

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91	Regio- and Stereoselective Ring-Opening Metathesis Polymerization of Enantiomerically Pure Vince Lactam. <i>Macromolecules</i> , 2018, 51, 2276-2282.	4.8	20
92	Ionic Liquid Approach Toward Manufacture and Full Recycling of All-Cellulose Composites. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700335.	3.6	40
93	Communication—Influence of Temperature and Electrolyte Viscosity on the Electrochemical Performance of SPAN-Based Lithium-Sulfur Cells. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3943-A3945.	2.9	8
94	Frontispiece: Molybdenum Imido, Tungsten Imido and Tungsten Oxo Alkylidene N-Heterocyclic Carbene Olefin Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
95	Promoting Terminal Olefin Metathesis with a Supported Cationic Molybdenum Imido Alkylidene N-Heterocyclic Carbene Catalyst. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14566-14569.	13.8	39
96	Promoting Terminal Olefin Metathesis with a Supported Cationic Molybdenum Imido Alkylidene N-Heterocyclic Carbene Catalyst. <i>Angewandte Chemie</i> , 2018, 130, 14774-14777.	2.0	13
97	Communication—Influence of Carbonate-Based Electrolyte Composition on Cell Performance of SPAN-Based Lithium-Sulfur-Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A2093-A2095.	2.9	28
98	Mono- and Bisionic Mo- and W-Based Schrock Catalysts for Biphasic Olefin Metathesis Reactions in Ionic Liquids. <i>Chemistry - A European Journal</i> , 2018, 24, 13336-13347.	3.3	11
99	Latent and Air-Stable Pre-Catalysts for the Polymerization of Dicyclopentadiene: From Penta- to Hexacoordination in Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 12652-12659.	3.3	25
100	Molybdenum Imido, Tungsten Imido and Tungsten Oxo Alkylidene N-Heterocyclic Carbene Olefin Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2018, 24, 14295-14301.	3.3	41
101	Recent Advances in the Regio- and Stereospecific Cyclopolymerization of \pm -Diynes by Tailored Ruthenium Alkylidenes and Molybdenum Imido Alkylidene N-Heterocyclic Carbene Complexes. <i>Polymer Reviews</i> , 2017, 57, 15-30.	10.9	32
102	Carbon Fibers Prepared from Melt Spun Peracylated Softwood Lignin: an Integrated Approach. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600441.	3.6	41
103	Pentamethylcyclopentadienyl Titanium(IV) Amido Pyridylene Phenylene and Pentamethylcyclopentadienyl Titanacyclopropane Amido Complexes and their Behavior in the Polymerization of Ethylene and Cyclic Olefins. <i>ChemCatChem</i> , 2017, 9, 1242-1252.	3.7	4
104	Easily Accessible, Textile Fiber-Based Sulfurized Poly(acrylonitrile) as Li/S Cathode Material: Correlating Electrochemical Performance with Morphology and Structure. <i>ACS Energy Letters</i> , 2017, 2, 595-604.	17.4	116
105	Tandem Ring-Opening Metathesis - Vinyl Insertion Polymerization: Fundamentals and Application to Functional Polyolefins. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600672.	3.9	13
106	Molybdenum and Tungsten Imido Alkylidene N-Heterocyclic Carbene Catalysts Bearing Cationic Ligands for Use in Biphasic Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2017, 23, 6398-6405.	3.3	31
107	Protected N-heterocyclic carbenes as latent organocatalysts for the low-temperature curing of anhydride-hardened epoxy resins. <i>European Polymer Journal</i> , 2017, 95, 766-774.	5.4	10
108	Tailored molybdenum imido alkylidene N-heterocyclic carbene complexes as latent catalysts for the polymerization of dicyclopentadiene. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3028-3033.	2.3	31

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109	First Neutral and Cationic Tungsten Imido Alkylidene N -Heterocyclic Carbene Complexes. <i>ChemCatChem</i> , 2017, 9, 2996-3002.	3.7	35
110	Poly(Methyl Vinyl Ketone) as a Potential Carbon Fiber Precursor. <i>Chemistry of Materials</i> , 2017, 29, 780-788.	6.7	20
111	Biopolymere aus ionischen Flüssigkeiten verarbeiten. <i>Nachrichten Aus Der Chemie</i> , 2017, 65, 998-1003.	0.0	2
112	Surface Modification of Carbon Fibers by Free Radical Graft Polymerization of α -Hydroxyethyl Methacrylate for High Mechanical Strength Fiber Matrix Composites. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700210.	3.6	10
113	N-Heterocyclic carbene-induced transmethylation in tungsten imido alkylidene bistriflates: unexpected formation of an N-heterocyclic olefin complex. <i>Chemical Communications</i> , 2017, 53, 12036-12039.	4.1	14
114	High Oxidation State Molybdenum N -Heterocyclic Carbene Alkylidyne Complexes: Synthesis, Mechanistic Studies, and Reactivity. <i>Chemistry - A European Journal</i> , 2017, 23, 15484-15490.	3.3	38
115	Modification of Polyolefins by Click Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700279.	2.2	15
116	Stereoselective Ring-Opening Metathesis Polymerization with Molybdenum Imido Alkylidenes Containing O-Chelating N-Heterocyclic Carbenes: Influence of <i>Syn</i> / <i>Anti</i> Interconversion and Polymerization Rates on Polymer Structure. <i>Macromolecules</i> , 2017, 50, 5701-5710.	4.8	42
117	Cellulose-Derived Carbon Fibers with Improved Carbon Yield and Mechanical Properties. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700195.	3.6	43
118	Dendritic polarizing agents for DNP SENS. <i>Chemical Science</i> , 2017, 8, 416-422.	7.4	35
119	In Situ Copolymerization of Lactams for Melt Spinning. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 423-428.	3.6	8
120	An Investigation of Structure-Property Relationships in Silicone-Based Dielectric Electroactive Elastomers by Varying Stoichiometric Imbalance of the Network. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 337-347.	3.6	6
121	Cationic Silica-Supported N-Heterocyclic Carbene Tungsten Oxo Alkylidene Sites: Highly Active and Stable Catalysts for Olefin Metathesis. <i>Angewandte Chemie</i> , 2016, 128, 4372-4374.	2.0	28
122	Molybdenum Imido Alkylidene Complexes Containing N- and C-Chelating N-Heterocyclic Carbenes. <i>Organometallics</i> , 2016, 35, 4106-4111.	2.3	44
123	Application of imidazolium salts and N-heterocyclic olefins for the synthesis of anionic and neutral tungsten imido alkylidene complexes. <i>Chemical Communications</i> , 2016, 52, 6099-6102.	4.1	38
124	Ageing of Silicone-Based Dielectric Elastomers Prepared with Varying Stoichiometric Imbalance: Changes in Network Structure, Mechanical, and Electrical Properties. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1729-1736.	2.2	11
125	Highly Productive and Enantioselective Enzyme Catalysis under Continuous Supported Liquid-Liquid Conditions Using a Hybrid Monolithic Bioreactor. <i>ChemSusChem</i> , 2016, 9, 2917-2921.	6.8	38
126	Synergistic effects in the pyrolysis of phosphorus-based flame-retardants: The role of Si- and N-based compounds. <i>Polymer Degradation and Stability</i> , 2016, 130, 155-164.	5.8	26

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127	Chitin Foils and Coatings Prepared from Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1337-1344.	3.6	23
128	Molybdenum Imido Alkylidene Nâ€Heterocyclic Carbene Complexes: Structureâ€Productivity Correlations and Mechanistic Insights. <i>ChemCatChem</i> , 2016, 8, 2710-2723.	3.7	57
129	Polyethylene- <i>g</i> -Polystyrene Copolymers by Combination of ROMP, Mn ₂ (CO) ₁₀ -Assisted TEMPO Substitution and NMRP. <i>ACS Macro Letters</i> , 2016, 5, 946-949.	4.8	27
130	Cationic Silica-Supported Nâ€Heterocyclic Carbene Tungsten Oxo Alkylidene Sites: Highly Active and Stable Catalysts for Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4300-4302.	13.8	83
131	Interplay between Mechanical Fatigue and Network Structure and Their Effects on Mechanical and Electrical Properties of Thin Silicone Films with Varying Stoichiometric Imbalance. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1558-1568.	2.2	5
132	Synthesis of zirconia toughened alumina (ZTA) fibers for high performance materials. <i>Journal of the European Ceramic Society</i> , 2016, 36, 725-731.	5.7	48
133	Carbon fibers prepared from ionic liquid-derived cellulose precursors. <i>Materials Today Communications</i> , 2016, 7, 1-10.	1.9	38
134	Tandem vinyl insertion-/ring-opening metathesis copolymerization with ansa-6-[2-(dimesitylboryl)-phenyl]pyrid-2-ylamido zirconium complexes: role of trialkylaluminum and MAO. <i>Polymer Chemistry</i> , 2016, 7, 1987-1998.	3.9	13
135	Size-Exclusion Chromatography and Aggregation Studies of Acetylated Lignins in N,N-Dimethylacetamide in the Presence of Salts. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2012-2019.	2.2	12
136	A Monolithic Hybrid Cellulose-2.5-Acetate/Polymer Bioreactor for Biocatalysis under Continuous Liquid-Liquid Conditions Using a Supported Ionic Liquid Phase. <i>Chemistry - A European Journal</i> , 2015, 21, 15835-15842.	3.3	19
137	Neutral and Cationic Molybdenum Imido Alkylidene Nâ€Heterocyclic Carbene Complexes: Reactivity in Selected Olefin Metathesis Reactions and Immobilization on Silica. <i>Chemistry - A European Journal</i> , 2015, 21, 13778-13787.	3.3	59
138	Latent CO ₂ -Protected Nâ€Heterocyclic Carbene-Based Single-Component System-Derived Epoxy/Glass Fiber Composites. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 937-943.	3.6	8
139	First Acyclic Diene Metathesis Polymerization Under Biphasic Conditions Using a Dicationic Ruthenium Alkylidene: Access to High-Molecular-Weight Polymers with Very Low Ruthenium Contamination. <i>Macromolecular Rapid Communications</i> , 2015, 36, 190-194.	3.9	18
140	Grubbs-Hoveyda type catalysts bearing a dicationic N-heterocyclic carbene for biphasic olefin metathesis reactions in ionic liquids. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1632-1638.	2.2	12
141	Convenient preparation of high molecular weight poly(dimethylsiloxane) using thermally latent NHC-catalysis: a structure-activity correlation. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2261-2266.	2.2	5
142	An anionic molybdenum amidato bisalkyl alkylidyne complex. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 223-225.	1.8	4
143	Multifilament cellulose/chitin blend yarn spun from ionic liquids. <i>Carbohydrate Polymers</i> , 2015, 131, 34-40.	10.2	59
144	Mechanism of the Regio- and Stereoselective Cyclopolymerization of 1,6-Hepta- and 1,7-Octadiynes by High Oxidation State Molybdenum-Imidoalkylidene N-Heterocyclic Carbene Initiators. <i>Macromolecules</i> , 2015, 48, 4768-4778.	4.8	33

#	ARTICLE	IF	CITATIONS
145	Molybdenum imido alkylidene and tungsten oxo alkylidene N-heterocyclic carbene complexes for olefin metathesis. Monatshefte für Chemie, 2015, 146, 1037-1042.	1.8	24
146	Stereospecific Ring-Opening Metathesis Polymerization (ROMP) of <i>endo</i> -Dicyclopentadiene by Molybdenum and Tungsten Catalysts. Macromolecules, 2015, 48, 2480-2492.	4.8	75
147	Polyethylene-g-poly(cyclohexene oxide) by Mechanistic Transformation from ROMP to Visible Light-Induced Free Radical Promoted Cationic Polymerization. Macromolecules, 2015, 48, 1658-1663.	4.8	34
148	Cationic Tungsten-Oxo-Alkylidene-N-Heterocyclic Carbene Complexes: Highly Active Olefin Metathesis Catalysts. Journal of the American Chemical Society, 2015, 137, 6188-6191.	13.7	81
149	Carbon Fibers. , 2015, , 306-310.		3
150	Access to Ultra-High Molecular Weight Poly(ethylene) and Activity Boost in the Presence of Cyclopentene With Group-4 Bis-Amido Complexes. ChemPlusChem, 2014, 79, 151-162.	2.8	9
151	Ionic Grubbs-Hoveyda Complexes for Biphasic Ring-Opening Metathesis Polymerization in Ionic Liquids: Access to Low Metal Content Polymers. ChemCatChem, 2014, 6, 191-198.	3.7	29
152	[η^4 -3,3-Diisopropyl-1,1-(propane-1,3-diyl)bis(1,3-diazinan-2-ylidene)]bis[bromido(η^4 -cycloocta-1,5-diene)rhodium(I)] Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m71-m72.	0.2	1
153	Carbon Fibers: Precursor Systems, Processing, Structure, and Properties. Angewandte Chemie - International Edition, 2014, 53, 5262-5298.	13.8	697
154	Latent and Delayed Action Polymerization Systems. Macromolecular Rapid Communications, 2014, 35, 682-701.	3.9	81
155	Flexible, Switchable Electrochromic Textiles. Macromolecular Materials and Engineering, 2014, 299, 330-335.	3.6	12
156	Structure formation in yttrium aluminum garnet (YAG) fibers. Journal of the European Ceramic Society, 2014, 34, 1321-1328.	5.7	24
157	Selective Reduction of CO ₂ with Silanes over Platinum Nanoparticles Immobilised on a Polymeric Monolithic Support under Ambient Conditions. Chemistry - A European Journal, 2014, 20, 3292-3296.	3.3	21
158	Carbon fibers prepared from tailored reversible addition-fragmentation transfer copolymerization-derived poly(acrylonitrile)-poly(methylmethacrylate). Journal of Polymer Science Part A, 2014, 52, 1322-1333.	2.3	36
159	Poly(ethylene)-poly(norbornene) Prepared by Group IV Bisamido and Half-Sandwich Amido Complexes with Pendant Aminoborane Groups: Vinyl Insertion vs Ring-Opening Metathesis Polymerization. Macromolecular Chemistry and Physics, 2014, 215, 893-899.	2.2	8
160	Precision Polymers. Macromolecular Chemistry and Physics, 2014, 215, 1934-1935.	2.2	4
161	Tandem-reduction of DMF with silanes via necklace-type transition over Pt(0) nanoparticles: deciphering the dual Si-H effect as an extension of steric effects. Chemical Communications, 2014, 50, 14820-14823.	4.1	7
162	N-Heterocyclic Carbene, High Oxidation State Molybdenum Alkylidene Complexes: Functional-Group-Tolerant Cationic Metathesis Catalysts. Angewandte Chemie - International Edition, 2014, 53, 9384-9388.	13.8	81

#	ARTICLE	IF	CITATIONS
163	Stereospecific Styrene Polymerization by Methylalumoxane-Activated Ti (IV) $\text{N}(\text{SiMe}_2\text{N}(\text{C}_6\text{H}_4)_2)_2$ Trimethylsilylamido Complexes Bearing the $\text{N}(\text{C}_6\text{H}_4)_2$ Biphenyl or $\text{N}(\text{C}_6\text{H}_4)_2$ (Diethylboryl)phenyl) Pyridine Motif. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2007-2013.	2.2	6
164	Calcium Cl/OH-apatite, Cl/OH-apatite/ Al_2O_3 and $\text{Ca}_3(\text{PO}_4)_2$ fibre nonwovens: Potential ceramic components for osteosynthesis. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3993-4000.	5.7	4
165	Air Stable and Latent Single-Component Curing of Epoxy/Anhydride Resins Catalyzed by Thermally Liberated $\text{N}(\text{C}_6\text{H}_4)_2$ -Heterocyclic Carbenes. <i>Macromolecules</i> , 2014, 47, 4548-4556.	4.8	42
166	Liberation of N-heterocyclic carbenes (NHCs) from thermally labile progenitors: protected NHCs as versatile tools in organo- and polymerization catalysis. <i>Catalysis Science and Technology</i> , 2014, 4, 2466-2479.	4.1	101
167	Heterogenization of ferrocene palladacycle catalysts on ROMP-derived monolithic supports and application to a Michael addition. <i>New Journal of Chemistry</i> , 2014, 38, 5597-5607.	2.8	5
168	Protected N-heterocyclic carbenes as latent pre-catalysts for the polymerization of μ -caprolactone. <i>Polymer Chemistry</i> , 2013, 4, 4172.	3.9	67
169	Visible Light-Induced Grafting from Polyolefins. <i>Macromolecules</i> , 2013, 46, 6395-6401.	4.8	55
170	Cyclopolymerization-derived block-copolymers of 4,4-bis(octyloxymethyl)-1,6-heptadiyne with 4,4-dipropargyl malonodinitrile for use in photovoltaics. <i>Polymer Chemistry</i> , 2013, 4, 1590-1599.	3.9	24
171	Anionic Ring-Opening Homo- and Copolymerization of Lactams by Latent, Protected N-Heterocyclic Carbenes for the Preparation of PA 12 and PA 6/12. <i>Macromolecules</i> , 2013, 46, 8426-8433.	4.8	40
172	Ruthenium-Triazene Complexes as Latent Catalysts for UV-Induced ROMP. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5462-5468.	2.0	26
173	Stereo- and regioselective cyclopolymerization of chiral 1,7-octadiynes. <i>Polymer Chemistry</i> , 2013, 4, 4219.	3.9	22
174	A new carbon precursor: synthesis and carbonization of triethylammonium-based poly(p-phenylenevinylene) (PPV) progenitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13154.	10.3	17
175	Polymerization of methyl methacrylate by latent pre-catalysts based on CO_2 -protected N-heterocyclic carbenes. <i>Polymer Chemistry</i> , 2013, 4, 2731.	3.9	51
176	Reactivity of the Dicationic Ruthenium-Alkylidene Complex $[\text{Ru}(\text{DMF})_3(\text{IMeSH})_2(=\text{CH}_2)(2\text{-PrO})\text{C}_6\text{H}_4\text{H}_4]$, $2+2$ (BF 4^-) $2-$ in Ring-Opening Metathesis and Cyclopolymerization. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 33-40.	2.2	21
177	Hollow carbon fibers with tailored porosity and rim-thickness. <i>Carbon</i> , 2013, 63, 554-561.	10.3	10
178	Ring-opening metathesis polymerization-derived, lectin-functionalized monolithic supports for affinity separation of glycoproteins. <i>Journal of Separation Science</i> , 2013, 36, 1169-1175.	2.5	22
179	Ionically Tagged Ru-Alkylidenes for Metathesis Reactions under Biphasic Liquid-Liquid Conditions. <i>ChemCatChem</i> , 2013, 5, 3033-3040.	3.7	17
180	Polymerization of μ -Caprolactam by Latent Precatalysts Based on Protected N-Heterocyclic Carbenes. <i>ACS Macro Letters</i> , 2013, 2, 609-612.	4.8	50

#	ARTICLE	IF	CITATIONS
181	High Energy Density Poly(acrylonitrile)-Sulfur Composite-Based Lithium-Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1169-A1170.	2.9	59
182	High-Mechanical-Strength Flame-Retardant Nanocomposites Based on Novel Al(III)- and Zr(IV)-Melamine Phosphates and Sulfates. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 690-698.	3.6	4
183	p-Doping and Fiber Spinning of Poly(heptadiyne)s. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1047-1051.	2.2	8
184	(η^6 -p-Cymene)(1,3-dimesityl-2,3-dihydro-1H-imidazol-2-ylidene)bis(pentafluorobenzoato- η^1 O)ruthenium(II) dichloromethane disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m28-m28.	0.2	0
185	Functional ROMP-Derived Poly(cyclopentene)s. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1522-1527.	2.2	26
186	Syntheses and Crystal Structures of Ferrocenoidenes. <i>Crystals</i> , 2013, 3, 141-148.	2.2	2
187	Tandem Ring-Opening Metathesis / Vinyl Insertion Polymerization-Derived Poly (Olefin)s. <i>Current Organic Chemistry</i> , 2013, 17, 2764-2775.	1.6	8
188	η^1 -Pseudo-halide TM Derivatives of Grubbs- and Schrock-Type Catalysts for Olefin Metathesis. <i>Synlett</i> , 2012, 2012, 185-207.	1.8	9
189	Bis(1,2-dimethoxyethane)- η^2 - η^3 - η^2 -tetrakis(η^4 -1,1,1,3,3,3-hexafluoroisopropylidene)iron(II) dichloromethane disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1106-m1106.	0.2	1
190	Capped-Tetrahedrally Coordinated Fe(II) and Co(II) Complexes Using a κ^3 -Click-Derived Tripodal Ligand: Geometric and Electronic Structures. <i>Inorganic Chemistry</i> , 2012, 51, 7592-7597.	4.0	46
191	Correlation of the electrochemistry of poly(acrylonitrile)-sulfur composite cathodes with their molecular structure. <i>Journal of Materials Chemistry</i> , 2012, 22, 23240.	6.7	79
192	Polymeric monolith supported Pt-nanoparticles as ligand-free catalysts for olefinhydrosilylation under batch and continuous conditions. <i>Catalysis Science and Technology</i> , 2012, 2, 220-226.	4.1	50
193	Monolithic Precolumns as Efficient Tools for Guiding the Design of Nanoparticulate Drug-Delivery Formulations. <i>Analytical Chemistry</i> , 2012, 84, 7415-7421.	6.5	7
194	Amino-functionalized monolithic spin-type columns for high-throughput lectin affinity chromatography of glycoproteins. <i>Analyst, The</i> , 2012, 137, 2600.	3.5	24
195	A Dicationic Ruthenium Alkylidene Complex for Continuous Biphasic Metathesis Using Monolith-Supported Ionic Liquids. <i>Chemistry - A European Journal</i> , 2012, 18, 14069-14078.	3.3	51
196	Ring-opening metathesis polymerization-derived large-volume monolithic supports for reversed-phase and anion-exchange chromatography of biomolecules. <i>Analyst, The</i> , 2012, 137, 3271.	3.5	15
197	Synthesis and dry-spinning fibers of sulfinyl-based poly(p-phenylene vinylene) (ppv) for semi-conductive textile applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 11851.	6.7	11
198	Crystalline and Conductive Poly(3-hexylthiophene) Fibers. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 123-127.	3.6	29

#	ARTICLE	IF	CITATIONS
199	Co(acac) ₂ -Mediated Radical Polymerization of Acrylonitrile: Control Over Molecular Weights and Copolymerization With Methyl Methacrylate. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 894-901.	3.6	11
200	Ceramic Filament Fibers – A Review. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 502-522.	3.6	77
201	Carbon Fibers: Precursors, Manufacturing, and Properties. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 493-501.	3.6	336
202	New Trends in High-Performance Fibers and Fiber Technology. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 491-492.	3.6	2
203	Functional Monolithic Materials for Boronate-Affinity Chromatography via Schrock Catalyst-Triggered Ring-Opening Metathesis Polymerization. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1399-1403.	3.9	12
204	Ruthenium(IV)-Bis(methallyl) Complexes as UV-Latent Initiators for Ring-Opening Metathesis Polymerization. <i>ChemCatChem</i> , 2012, 4, 1808-1812.	3.7	26
205	Catalysts Immobilized on Organic Polymeric Monolithic Supports: From Molecular Heterogeneous Catalysis to Biocatalysis. <i>ChemCatChem</i> , 2012, 4, 30-44.	3.7	63
206	Functional Polyolefins: Poly(ethylene)- <i>graft</i> -Poly(<i>tert</i> -butyl acrylate) via Atom Transfer Radical Polymerization From a Polybrominated Alkane. <i>Macromolecular Rapid Communications</i> , 2012, 33, 75-79.	3.9	21
207	Structure-Related Electrochemistry of Sulfur-Poly(acrylonitrile) Composite Cathode Materials for Rechargeable Lithium Batteries. <i>Chemistry of Materials</i> , 2011, 23, 5024-5028.	6.7	323
208	Pseudo-Halide and Nitrate Derivatives of Grubbs and Grubbs-Hoveyda Initiators: Some Structural Features Related to the Alternating Ring-Opening Metathesis Copolymerization of Norborn-2-ene with Cyclic Olefins. <i>Macromolecules</i> , 2011, 44, 4098-4106.	4.8	63
209	Regioselective Cyclopolymerization of 1,7-Octadiynes. <i>Macromolecules</i> , 2011, 44, 8380-8387.	4.8	29
210	Zinc Oxide Based Coatings for the UV-Protection of Wood for Outdoor Applications. <i>Macromolecular Symposia</i> , 2011, 301, 23-30.	0.7	14
211	Homopolymerization of Ethylene, 1-Hexene, Styrene and Copolymerization of Styrene With 1,3-Cyclohexadiene Using (h5-Tetramethylcyclopentadienyl)dimethylsilyl(N-Ar TM)amido-TiCl ₂ /MAO (Ar TM =6-(2-(Diethylboryl)phenyl)pyrid-2-yl, Biphen-3-yl). <i>Molecules</i> , 2011, 16, 567-582.	3.8	16
212	Ring-opening metathesis polymerization-derived monolithic strong anion exchangers for the separation of 5 ² -phosphorylated oligodeoxythymidylic acids fragments. <i>Journal of Chromatography A</i> , 2011, 1218, 8897-8902.	3.7	19
213	Cyclopolymerization of N,N- Dipropargyl-3,4-dialkoxyanilines Using Schrock and Grubbs-Hoveyda Initiators: Influence of Initiator Structure on the Mode of Insertion. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1999-2008.	2.2	17
214	Miniaturized biocatalysis on polyacrylate-based capillary monoliths. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1450-1458.	2.6	8
215	Functionalization of plasma-treated polymer surfaces with glycidol. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2543-2550.	2.6	14
216	UV- and thermally triggered ring-opening metathesis polymerization for the spatially resolved functionalization of polymeric monolithic devices. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2551-2558.	2.6	9

#	ARTICLE	IF	CITATIONS
217	Tailoring the surface of magnetic microparticles for protein immobilization. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3628-3634.	2.6	4
218	A Catalyst for the Simultaneous Ring-Opening Metathesis Polymerization/Vinyl Insertion Polymerization. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3566-3571.	13.8	27
219	Group...4 Dimethylsilylenebisamido Complexes Bearing the 6-(Diethylboryl)phenyl]pyridyl Motif: Synthesis and Use in Tandem Ring-Opening Metathesis/Vinyl Insertion Copolymerization of Cyclic Olefins with Ethylene. <i>Chemistry - A European Journal</i> , 2011, 17, 13832-13846.	3.3	21
220	Ring-opening metathesis polymerization-derived monolithic anion exchangers for the fast separation of double-stranded DNA fragments. <i>Journal of Chromatography A</i> , 2011, 1218, 2362-2367.	3.7	21
221	Dihydroxyaluminum Carboxylate Nanoparticles With Narrow Size Distribution: Synthesis, Characterization and Use for High Optical Transparency Protective Polymeric Coatings. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 170-177.	3.6	1
222	Ring-Opening Metathesis Polymerization-Derived Monolithic Materials: Novel Syntheses and Applications. <i>Macromolecular Symposia</i> , 2010, 293, 48-52.	0.7	3
223	Polymer-Supported, Carbon Dioxide-Protected N-Heterocyclic Carbenes: Synthesis and Application in Organo- and Organometallic Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 917-928.	4.3	58
224	Ring-Opening Metathesis Polymerization Based Pore-Size-Selective Functionalization of Glycidyl Methacrylate Based Monolithic Media: Access to Size-Stable Nanoparticles for Ligand-Free Metal Catalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 4650-4658.	3.3	51
225	Cationic versus Neutral Ru ^{II} ; N-Heterocyclic Carbene Complexes as Latent Precatalysts for the UV-Induced Ring-Opening Metathesis Polymerization. <i>Chemistry - A European Journal</i> , 2010, 16, 12928-12934.	3.3	50
226	ZnO-Based UV Nanocomposites for Wood Coatings in Outdoor Applications. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 130-136.	3.6	61
227	BaSO ₄ , CaF ₂ , and Al-Maleate-Derived Nanocomposite Coatings with Excellent Mechanical, Thermal, and Optical Properties. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 276-282.	3.6	2
228	Electron Beam-Based Functionalization of Poly(ethersulfone) Membranes. <i>Macromolecular Rapid Communications</i> , 2010, 31, 467-472.	3.9	49
229	Ring-Opening Metathesis Polymerization-Based Synthesis of CaCO ₃ Nanoparticle-Reinforced Polymeric Monoliths for Tissue Engineering. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1540-1545.	3.9	16
230	Polymers in Biomedicine and Electronics. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1487-1491.	3.9	22
231	Synthesis of water-soluble homo- and block-copolymers by RAFT polymerization under ¹³⁷ Ir-irradiation in aqueous media. <i>Polymer</i> , 2010, 51, 4319-4328.	3.8	40
232	Fast separation of low molecular weight analytes on structurally optimized polymeric capillary monoliths. <i>Journal of Chromatography A</i> , 2010, 1217, 3223-3230.	3.7	57
233	An Open Argon Dielectric Barrier Discharge VUV-Source. <i>Plasma Processes and Polymers</i> , 2010, 7, 650-656.	3.0	6
234	Ring opening metathesis polymerization-derived block copolymers bearing chelating ligands: synthesis, metal immobilization and use in hydroformylation under micellar conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 28.	2.2	18

#	ARTICLE	IF	CITATIONS
235	ROMP-Derived cyclooctene-based monolithic polymeric materials reinforced with inorganic nanoparticles for applications in tissue engineering. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 1199-1205.	2.2	14
236	Ring-Opening Metathesis Polymerization-Derived Materials for Separation Science, Heterogeneous Catalysis and Tissue Engineering. <i>Macromolecular Symposia</i> , 2010, 298, 17-24.	0.7	31
237	Self-Diffusion of Polystyrene Solutions in Porous Acrylate-Based Monoliths Studied by ¹ H PFG NMR. <i>Macromolecules</i> , 2010, 43, 9441-9446.	4.8	10
238	A Continuous Bioreactor Prepared via the Immobilization of Trypsin on Aldehyde-Functionalized, Ring-Opening Metathesis Polymerization-Derived Monoliths. <i>Macromolecules</i> , 2010, 43, 9601-9607.	4.8	17
239	222 nm Photo-induced radical reactions in silazanes. A combined laser photolysis, EPR, GC-MS and QC Study. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2380.	2.8	11
240	Alternating Ring-Opening Metathesis Copolymerization of Norbornene with <i>cis</i> -Cyclooctene and Cyclopentene. <i>Macromolecular Symposia</i> , 2010, 296, 44-48.	0.7	19
241	UV curing and matting of acrylate nanocomposite coatings by 172 nm excimer irradiation. <i>Progress in Organic Coatings</i> , 2009, 64, 474-481.	3.9	56
242	Vacuum-UV Irradiation-Based Formation of Methylsilyoxane Networks from Poly(1,1-dimethylsilazane-co-1-methylsilazane). <i>Chemistry - A European Journal</i> , 2009, 15, 675-683.	3.3	30
243	CO ₂ and Sn ^{II} Adducts of N-Heterocyclic Carbenes as Delayed-Action Catalysts for Polyurethane Synthesis. <i>Chemistry - A European Journal</i> , 2009, 15, 3103-3109.	3.3	121
244	Alternating Ring-Opening Metathesis Copolymerization by Grubbs-Type Initiators with Unsymmetrical N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2009, 15, 9451-9457.	3.3	76
245	CO ₂ , Magnesium, Aluminum, and Zinc Adducts of N-Heterocyclic Carbenes as (Latent) Catalysts for Polyurethane Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1970-1976.	2.0	116
246	Highly cross-linked polymeric capillary monoliths for the separation of low, medium, and high molecular weight analytes. <i>Journal of Separation Science</i> , 2009, 32, 2521-2529.	2.5	48
247	Surface-functionalization of plasma-treated polystyrene by hyperbranched polymers and use in biological applications. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2701-2709.	2.6	35
248	VUV-induced micro-folding of acrylate-based coatings. <i>Surface and Coatings Technology</i> , 2009, 203, 1844-1849.	4.8	36
249	VUV-induced micro-folding of acrylate-based coatings. <i>Surface and Coatings Technology</i> , 2009, 203, 3734-3740.	4.8	18
250	Monolithic biocompatible and biodegradable scaffolds for tissue engineering. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2219-2227.	2.3	21
251	In-line determination of the thickness of UV-cured coatings on polymer films by NIR spectroscopy. <i>Vibrational Spectroscopy</i> , 2009, 51, 152-155.	2.2	20
252	172 nm excimer VUV-triggered photodegradation and micropatterning of aminosilane films. <i>Thin Solid Films</i> , 2009, 517, 6772-6776.	1.8	8

#	ARTICLE	IF	CITATIONS
253	Effect of changes of the coating thickness on the in-line monitoring of the conversion of photopolymerized acrylate coatings by near-infrared reflection spectroscopy. <i>Polymer</i> , 2009, 50, 1895-1900.	3.8	32
254	Electron beam triggered, free radical polymerization-derived monolithic capillary columns for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 2664-2670.	3.7	19
255	Ring-opening metathesis polymerization for the preparation of norbornene-based weak cation-exchange monolithic capillary columns. <i>Journal of Chromatography A</i> , 2009, 1216, 2651-2657.	3.7	22
256	Isocyanate- and Isothiocyanate-Derived Ru ^{IV} -Based Alkylidenes: Synthesis, Structure, and Activity. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1275-1283.	3.3	30
257	Factors Relevant for the Regioselective Cyclopolymerization of 1,6-Heptadiynes, N,N-Dipropargylamines, N,N-Dipropargylammonium Salts, and Dipropargyl Ethers by Ru ^{IV} -Alkylidene-Based Metathesis Initiators. <i>Journal of the American Chemical Society</i> , 2009, 131, 387-395.	13.7	88
258	Determination of the Thickness of Silazane-Based SiO _x Coatings in the Submicrometer Range by Near-Infrared Reflection Spectroscopy. <i>Applied Spectroscopy</i> , 2009, 63, 239-245.	2.2	9
259	Ru ^{II} -Alkylidene Metathesis Catalysts Based on 1,3-Dimesityl-4,5,6,7-tetrahydro-1,3-diazepin-2-ylidenes: Synthesis, Structure, and Activity. <i>Organometallics</i> , 2009, 28, 1785-1790.	2.3	42
260	Schrock Catalyst Triggered, Ring-Opening Metathesis Polymerization Based Synthesis of Functional Monolithic Materials. <i>Macromolecules</i> , 2009, 42, 3493-3499.	4.8	15
261	Polymer-Supported Well-Defined Metathesis Catalysts. <i>Chemical Reviews</i> , 2009, 109, 303-321.	47.7	294
262	Novel Cyclopolymerization Derived Conjugated Polyenes: Smart Materials For Electronics and Sensors. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2009, , 303-317.	0.5	1
263	Comparative DFT study on the role of conformers in the ruthenium alkylidene-catalyzed ROMP of norbornene. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 963-970.	1.9	15
264	Self-initiation of the UV photopolymerization of brominated acrylates. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4905-4916.	2.3	25
265	Conductive Polymer Electrolytes Derived from Poly(norbornene)s with Pendant Ionic Imidazolium Moieties. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 40-51.	2.2	62
266	Post-synthesis Functionalization of (Meth)acrylate Based Monoliths via Electron Beam Triggered Graft Polymerization. <i>Macromolecular Rapid Communications</i> , 2008, 29, 904-909.	3.9	18
267	Stationary phases for chromatography prepared by ring opening metathesis polymerization. <i>Journal of Separation Science</i> , 2008, 31, 1907-1922.	2.5	32
268	Hard-core modeling of reaction kinetics by combining online spectroscopy and calorimetry. <i>Journal of Chemometrics</i> , 2008, 22, 758-767.	1.3	3
269	Alternating Copolymerizations Using a Grubbs-Type Initiator with an Unsymmetrical, Chiral N-heterocyclic Carbene Ligand. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2615-2618.	13.8	118
270	Cationic Ru ^{II} Complexes with N-heterocyclic Carbene Ligands for UV-Induced Ring-Opening Metathesis Polymerization. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3267-3270.	13.8	91

#	ARTICLE	IF	CITATIONS
271	Monolithic Polymers for Cell Cultivation, Differentiation, and Tissue Engineering. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9138-9141.	13.8	33
272	Comparative study on the separation behavior of monolithic columns prepared via ring-opening metathesis polymerization and via electron beam irradiation triggered free radical polymerization for proteins. <i>Journal of Chromatography A</i> , 2008, 1191, 268-273.	3.7	28
273	Ring-opening metathesis polymerization-derived monolithic capillary columns for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1191, 274-281.	3.7	36
274	Homologous Poly(isobutylene)s: Poly(isobutylene)/High-Density Poly(ethylene) Hybrid Polymers. <i>Macromolecules</i> , 2008, 41, 8405-8412.	4.8	45
275	Cyclopolymerization of <i>N,N</i> -Dipropargylamines and <i>N,N</i> -Dipropargyl Ammonium Salts. <i>Macromolecules</i> , 2008, 41, 1919-1928.	4.8	67
276	Process Control in Ultraviolet Curing with in-line near Infrared Reflection Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2008, 16, 165-171.	1.5	9
277	Peculiarities of the Ru ^{IV} -Alkylidene Triggered Cyclopolymerization of <i>N</i> -(bis(alkyloxy)aryl)-Containing 1,6-Heptadiynes. <i>Macromolecular Symposia</i> , 2007, 254, 370-374.	0.7	6
278	Preparation, Characterization and Applications of Electron-Beam Curing-Derived Monolithic Materials. <i>Macromolecular Symposia</i> , 2007, 254, 87-92.	0.7	17
279	Conversion of Perhydropolysilazane into a SiO _x Network Triggered by Vacuum Ultraviolet Irradiation: Access to Flexible, Transparent Barrier Coatings. <i>Chemistry - A European Journal</i> , 2007, 13, 8522-8529.	3.3	96
280	Novel Ruthenium(II) N-Heterocyclic Carbene Complexes as Catalyst Precursors for the Ring-Opening Metathesis Polymerization (ROMP) of Enantiomerically Pure Monomers: X-ray Structures, Reactivity, and Quantum Chemical Considerations. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3988-4000.	2.0	32
281	Voltage-assisted capillary LC of peptides using monolithic capillary columns prepared by ring-opening metathesis polymerization. <i>Electrophoresis</i> , 2007, 28, 2219-2222.	2.4	10
282	Monolithic Media Prepared Via Electron Beam Curing for Proteins Separation and Flow-Through Catalysis. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1428-1436.	2.2	51
283	Photoinitiated Cationic Polymerization of Cycloaliphatic Epoxide/Vinyl Ether Systems Studied by Near-Infrared Reflection Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 946-954.	2.2	19
284	Novel Nanosized Aluminium Carboxylates: Synthesis, Characterization and Use as Nanofillers for Protective Polymeric Coatings. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 70-77.	3.6	8
285	Ring-Opening Metathesis Polymerization Based Post-Synthesis Functionalization of Electron Beam Curing Derived Monolithic Media. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2090-2094.	3.9	32
286	Surface-Functionalized, Ring-Opening Metathesis Polymerization-Derived Monoliths for Anion-Exchange Chromatography. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2029-2032.	3.9	22
287	Separation behavior of electron-beam curing derived, acrylate-based monoliths. <i>Journal of Separation Science</i> , 2007, 30, 2821-2827.	2.5	20
288	Glass-fiber reinforced poly(acrylate)-based sorptive materials for the enrichment of organic micropollutants from aqueous samples. <i>Journal of Chromatography A</i> , 2007, 1138, 1-9.	3.7	15

#	ARTICLE	IF	CITATIONS
289	Polymeric monolithic materials: Syntheses, properties, functionalization and applications. <i>Polymer</i> , 2007, 48, 2187-2198.	3.8	235
290	N-Acetyl-N,N-dipyrid-2-yl (cyclooctadiene) rhodium (I) and iridium (I) complexes: Synthesis, X-ray structures, their use in hydroformylation and carbonyl hydrosilylation reactions and in the polymerization of diazocompounds. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5272-5278.	1.8	21
291	UV curing and matting of acrylate coatings reinforced by nano-silica and micro-corundum particles. <i>Progress in Organic Coatings</i> , 2007, 60, 121-126.	3.9	91
292	Bi- and Trinuclear Ruthenium Alkylidene Triggered Cyclopolymerization of 1,6-Heptadiynes: Access to An ⁿ X ^m An Block and (An) ³ X Tristar Copolymers. <i>Macromolecules</i> , 2006, 39, 3484-3493.	4.8	43
293	Tailored Ring-Opening Metathesis Polymerization Derived Monolithic Media Prepared from Cyclooctene-Based Monomers and Cross-Linkers. <i>Macromolecules</i> , 2006, 39, 5222-5229.	4.8	48
294	Binuclear Schrock-Type Alkylidene-Triggered ROMP and Cyclopolymerization of 1,6-Heptadiynes: Access to Homopolymers and ABA-Type Block Copolymers. <i>Macromolecules</i> , 2006, 39, 2452-2459.	4.8	30
295	Ring-Opening Metathesis Polymerization (ROMP) in Ionic Liquids: Scope and Limitations. <i>Macromolecules</i> , 2006, 39, 7821-7830.	4.8	94
296	Novel Initiators for Thermally and UV-Triggered ROMP. <i>Macromolecular Symposia</i> , 2006, 236, 30-37.	0.7	30
297	Metathesis polymerization-derived monolithic membranes for solid-phase extraction coupled with diffuse reflectance spectroscopy. <i>Journal of Chromatography A</i> , 2006, 1109, 86-91.	3.7	27
298	Poly(cyclooctene)-based monolithic columns for capillary high performance liquid chromatography prepared via ring-opening metathesis polymerization. <i>Journal of Chromatography A</i> , 2006, 1132, 124-131.	3.7	34
299	Synthesis, X-ray structure and reactivity of η^4 -(CF ₃ COO) ₂ -[Mo(N-2,6-i-Pr ₂ -C ₆ H ₃)(CHCMe ₂ Ph)(OOCFF ₃)(Et ₂ O)] ₂ , the first Bis(trifluoroacetate) derivative of a Schrock catalyst. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5391-5396.	1.8	13
300	Nano/Micro Particle Hybrid Composites for Scratch and Abrasion Resistant Polyacrylate Coatings. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 493-498.	3.6	83
301	Well-Defined Transition Metal Catalysts for Metathesis Polymerization. , 2005, , 155-191.		2
302	Polymerization of phenylacetylene by novel Rh (I)-, Ir (I)- and Ru (IV) 1,3-R ₂ -3,4,5,6-tetrahydropyrimidin-2-ylidenes (R=mesityl, 2-propyl): Influence of structure on activity and polymer structure. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5728-5735.	1.8	42
303	Hydroformylation of 1-octene using rhodium-1,3-R ₂ -3,4,5,6-tetrahydropyrimidin-2-ylidenes (R=2-Pr,) Tj ETQq1 1 0.784314 rgBT /Overl	4.8	36
304	Copper (I) 1,3-R ₂ -3,4,5,6-tetrahydropyrimidin-2-ylidenes (R=mesityl, 2-propyl): synthesis, X-ray structures, immobilization and catalytic activity. <i>Tetrahedron</i> , 2005, 61, 12145-12152.	1.9	58
305	Evaluation of ring-opening metathesis polymerization (ROMP)-derived monolithic capillary high performance liquid chromatography columns. <i>Journal of Chromatography A</i> , 2005, 1090, 81-89.	3.7	37
306	Stereoselective Cyclopolymerization of Polar 1,6-Heptadiynes by Novel, Tailor-Made Ruthenium-Based Metathesis Catalysts. <i>Macromolecular Rapid Communications</i> , 2005, 26, 784-790.	3.9	51

#	ARTICLE	IF	CITATIONS
307	A Commentary on "Bis(cyclopentadienyl)zirkon-Verbindungen und Aluminoxan als Ziegler-Katalysatoren für die Polymerisation und Copolymerisation von Olefinen" by W. Kaminsky, M. Miri, H. Sinn, R. Woldt (Makromol. Chem., Rapid Commun. 1983, 4, 417-421). Macromolecular Rapid Communications, 2005, 26, 1201-1207.	3.9	0
308	Polymerization of Enantiomerically Pure exo-N-(Norborn-2-ene-5-carboxyl)-L-phenylalanine Ethyl Ester and endo-N,N-(Norborn-5-ene-2,3-dicarbimido)-L-valine Ethyl Ester Using Novel Ruthenium 1,3-Dimesityl-3,4,5,6-tetrahydropyrimidin-2-ylidenes. Macromolecular Rapid Communications, 2005, 26, 1757-1762.	3.9	31
309	Rh(1,3-bis(2,4,6-trimethylphenyl)-3,4,5,6-tetrahydropyrimidin-2-ylidene)(COD) tetrafluoroborate, an unsymmetrical Rh-homoallylcarbene: synthesis, X-ray structure and reactivity in carbonyl arylation and hydrosilylation reactions. Journal of Organometallic Chemistry, 2005, 690, 4433-4440.	1.8	52
310	Novel Immobilized Hydrosilylation Catalysts Based on Rhodium 1,3-Bis(2,4,6-trimethylphenyl)-3,4,5,6-tetrahydropyrimidin-2-ylidenes. Monatshefte für Chemie, 2005, 136, 47-57.	1.8	27
311	Ring-opening polymerization of cyclohexene oxide by a novel dicationic palladium catalyst. Designed Monomers and Polymers, 2005, 8, 571-588.	1.6	7
312	Novel Ruthenium-Based Metathesis Catalysts Containing Electron-Withdrawing Ligands: Synthesis, Immobilization, and Reactivity. Journal of Organic Chemistry, 2005, 70, 4687-4694.	3.2	128
313	Rapid Screening of New Polymer-Supported Palladium(II) Bis(3,4,5,6-tetrahydropyrimidin-2-ylidenes). Macromolecular Rapid Communications, 2004, 25, 231-236.	3.9	64
314	Synthesis and Reactivity of Homogeneous and Heterogeneous Ruthenium-Based Metathesis Catalysts Containing Electron-Withdrawing Ligands. Chemistry - A European Journal, 2004, 10, 777-784.	3.3	166
315	1,3-Dialkyl- and 1,3-Diaryl-3,4,5,6-tetrahydropyrimidin-2-ylidene Rhodium(I) and Palladium(II) Complexes: Synthesis, Structure, and Reactivity. Chemistry - A European Journal, 2004, 10, 1256-1266.	3.3	230
316	Factors Relevant for the Ruthenium-Benzylidene-Catalyzed Cyclopolymerization of 1,6-Heptadiynes. Chemistry - A European Journal, 2004, 10, 2029-2035.	3.3	108
317	Novel Metathesis Catalysts Based on Ruthenium 1,3-Dimesityl-3,4,5,6-tetrahydropyrimidin-2-ylidenes: Synthesis, Structure, Immobilization, and Catalytic Activity. Chemistry - A European Journal, 2004, 10, 5761-5770.	3.3	173
318	Metathesis polymerization-derived chromatographic supports. Journal of Chromatography A, 2004, 1060, 43-60.	3.7	25
319	N-heterocyclic carbene complexes of Zn(II): synthesis, X-ray structures and reactivity. Journal of Organometallic Chemistry, 2004, 689, 2123-2130.	1.8	68
320	Recent advances in the synthesis of supported metathesis catalysts. New Journal of Chemistry, 2004, 28, 549.	2.8	133
321	Regio- and stereospecific cyclopolymerization of 1,6-heptadiynes and 1,5-hexadiynes. Designed Monomers and Polymers, 2004, 7, 151-163.	1.6	25
322	Design and Application of Amphiphilic Polymeric Supports for Micellar Catalysis. Macromolecular Symposia, 2004, 217, 203-214.	0.7	27
323	Stereoselective Cyclopolymerization of Diynes: Smart Materials for Electronics and Sensors. Macromolecular Symposia, 2004, 217, 179-190.	0.7	41
324	Towards the Design of New Materials: Regio- and Stereoselective (Cyclo-) Polymerization of 1-Alkynes and 1,6-Heptadiynes. Monatshefte für Chemie, 2003, 134, 327-342.	1.8	21

#	ARTICLE	IF	CITATIONS
325	Heterogenization of a Modified Grubbs's Hoveyda Catalyst on a ROMP-Derived Monolithic Support. <i>Macromolecular Rapid Communications</i> , 2003, 24, 875-878.	3.9	101
326	A New Approach to High-Capacity Functionalized Monoliths via Post-Synthesis Grafting. <i>Macromolecular Rapid Communications</i> , 2003, 24, 580-584.	3.9	47
327	Simple Synthesis of Poly(acetylene) Latex Particles in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5965-5969.	13.8	151
328	Access to silica- and monolithic polymer supported $Ci-C$ -coupling catalysts via ROMP: applications in high-throughput screening, reactor technology and biphasic catalysis. <i>Inorganica Chimica Acta</i> , 2003, 345, 145-153.	2.4	65
329	Terpyridine-based silica supports prepared by ring-opening metathesis polymerization for the selective extraction of noble metals. <i>Journal of Chromatography A</i> , 2003, 1015, 65-71.	3.7	13
330	First Controlled Cyclopolymerization of Diethyl Dipropargylmalonate by $MoCl_5 \cdot n-Bu_4Sn \cdot EtOH \cdot Quinuclidine$ and $MoOCl_4 \cdot n-Bu_4Sn \cdot EtOH \cdot Quinuclidine$ To Give Highly Regular Polyenes Consisting Exclusively of 1,2-(Cyclopent-1-enylene)-Vinylene Units. <i>Macromolecules</i> , 2003, 36, 2668-2673.	4.8	47
331	A ROMP-derived, polymer-supported chiral Schrock catalyst for enantioselective ring-closing olefin metathesis. <i>Chemical Communications</i> , 2003, , 2742-2743.	4.1	43
332	Influence of chain length and temperature on UV-Vis absorption and degradation behavior of poly(diethyl dipropargylmalonate) with an alternating cis-trans-1,2-(cyclopent-1-enylene)vinylene structure. <i>Designed Monomers and Polymers</i> , 2003, 6, 135-143.	1.6	22
333	Novel well-defined heterogeneous metathesis catalysts. <i>Designed Monomers and Polymers</i> , 2002, 5, 325-337.	1.6	22
334	Transition metal-based polymer chemistry: a critical micro-review. <i>Designed Monomers and Polymers</i> , 2002, 5, 363-383.	1.6	1
335	Fine-Tuning of Molybdenum Imido Alkylidene Complexes for the Cyclopolymerization of 1,6-Heptadiynes To Give Polyenes Containing Exclusively Five-Membered Rings. <i>Macromolecules</i> , 2002, 35, 9029-9038.	4.8	93
336	Hydrophobic, Pellicular, Monolithic Capillary Columns Based on Cross-Linked Polynorbornene for Biopolymer Separations. <i>Analytical Chemistry</i> , 2002, 74, 6080-6087.	6.5	103
337	Separation of planar chiral ferrocene derivatives on β -cyclodextrin-based polymer supports prepared via ring-opening metathesis graft-polymerization. <i>Journal of Chromatography A</i> , 2002, 973, 115-122.	3.7	22
338	Stereoselektive Cyclopolymerisation von 1,6-Heptadiinen: Zugang zu alternierenden cis-trans-1,2-(Cyclopent-1-enylen)vinylenen durch optimierte Molybdän-Imidoalkyliden-Initiatoren. <i>Angewandte Chemie</i> , 2002, 114, 4226-4230.	2.0	32
339	Stereoselective Cyclopolymerization of 1,6-Heptadiynes: Access to Alternating cis-trans-1,2-(Cyclopent-1-enylene)vinylenes by Fine-Tuning of Molybdenum Imidoalkylidenes. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4044-4047.	13.8	74
340	Monolithic High-Performance SEC Supports Prepared by ROMP for High-Throughput Screening of Polymers. <i>Macromolecular Rapid Communications</i> , 2002, 23, 617.	3.9	50
341	Heterogeneous $C-C$ coupling and polymerization catalysts prepared by ROMP. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1837-1840.	2.2	32
342	Applications of metathesis in heterogeneous catalysis and separation sciences. <i>Journal of Molecular Catalysis A</i> , 2002, 190, 145-158.	4.8	21

#	ARTICLE	IF	CITATIONS
343	Micropreparative fractionation of DNA fragments on metathesis-based monoliths: influence of stoichiometry on separation. <i>Journal of Chromatography A</i> , 2002, 959, 121-129.	3.7	54
344	From organometallic and polymer chemistry to applied materials science: transition metal catalyzed synthesis of polyolefins and polyolefin-based high-performance materials. <i>Macromolecular Symposia</i> , 2002, 181, 23-38.	0.7	0
345	Alkyne Metathesis Graft Polymerization: Synthesis of Poly(ferricinium)-Based Silica Supports for Anion-Exchange Chromatography of Oligonucleotides. <i>Macromolecules</i> , 2001, 34, 4334-4341.	4.8	25
346	Metathesis-Based Monoliths: Influence of Polymerization Conditions on the Separation of Biomolecules. <i>Analytical Chemistry</i> , 2001, 73, 4071-4078.	6.5	87
347	Tailor-made polymer supports via metathesis polymerization: concepts and applications. <i>Macromolecular Symposia</i> , 2001, 163, 25-34.	0.7	9
348	Polymer-supported polymerization catalysts via romp. <i>Macromolecular Symposia</i> , 2001, 164, 187-196.	0.7	23
349	Bis(pyrimidine)-based palladium catalysts: synthesis, X-ray structure and applications in Heck, Suzuki, Sonogashira, Hagihara couplings and amination reactions. <i>Journal of Organometallic Chemistry</i> , 2001, 634, 39-46.	1.8	153
350	Evaluation of norbornene- β -cyclodextrin-based monomers and oligomers as chiral selectors by means of nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 109-116.	2.4	18
351	New Ways to Porous Monolithic Materials with Uniform Pore Size Distribution. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3795-3797.	13.8	37
352	Monolithic Materials: New High-Performance Supports for Permanently Immobilized Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3839-3842.	13.8	154
353	Metathesis-Based Monolithic Supports: Synthesis, Functionalization and Applications. <i>Macromolecular Rapid Communications</i> , 2001, 22, 1081.	3.9	59
354	Access to Heterogeneous Atom-Transfer Radical Polymerization (ATRP) Catalysts Based on Dipyrindylamine and Terpyridine via Ring-Opening Metathesis Polymerization (ROMP). <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 645-653.	2.2	53
355	New synthetic ways for the preparation of high-performance liquid chromatography supports. <i>Journal of Chromatography A</i> , 2001, 918, 233-266.	3.7	150
356	Chiral β -cyclodextrin-based polymer supports prepared via ring-opening metathesis graft-polymerization. <i>Journal of Chromatography A</i> , 2001, 907, 47-56.	3.7	26
357	Influences of surface chemistry on the separation behavior of stationary phases for reversed-phase and ion-exchange chromatography: a comparison of coated and grafted supports prepared by ring-opening metathesis polymerization. <i>Journal of Chromatography A</i> , 2001, 907, 73-80.	3.7	21
358	N-Acyl-N,N-dipyridyl and N-acyl-N-pyridyl-N-quinoyl amine based palladium complexes. Synthesis, X-ray structures, heterogenization and use in Heck couplings. <i>Journal of Organometallic Chemistry</i> , 2001, 622, 6-18.	1.8	100
359	Ferrocenyl- and octamethylferrocenyl-substituted phenylenevinylene-, thienylenevinylene-, and 1,1'-ferrocenylenevinylene spaced ethynes: Synthesis, metathesis polymerization, and polymer properties. <i>Designed Monomers and Polymers</i> , 2000, 3, 421-445.	1.6	24
360	Rearrangements and dimerizations of congested ferrocenyl allyl alcohols. <i>Journal of Organometallic Chemistry</i> , 2000, 605, 174-183.	1.8	8

#	ARTICLE	IF	CITATIONS
361	⁵⁷ Fe-Mössbauer spectroscopic study of monomeric and polymeric ferrocenyl- and octamethylferrocenyl-substituted ethynes. <i>Journal of Organometallic Chemistry</i> , 2000, 612, 1-8.	1.8	23
362	A New Class of Continuous Polymer Supports Prepared by Ring-Opening Metathesis Polymerization: A Straightforward Route to Functionalized Monoliths. <i>Macromolecules</i> , 2000, 33, 5777-5786.	4.8	156
363	Quantification of Lanthanides in Rocks Using Succinic Acid-Derivatized Sorbents for On-Line SPE-RP-Ion-Pair HPLC. <i>Analytical Chemistry</i> , 2000, 72, 2595-2602.	6.5	36
364	Ring-Opening Metathesis Polymerization for the Preparation of Surface-Grafted Polymer Supports. <i>Macromolecules</i> , 2000, 33, 32-39.	4.8	135
365	Homogeneous Metathesis Polymerization by Well-Defined Group VI and Group VIII Transition-Metal Alkylidenes: A Fundamentals and Applications in the Preparation of Advanced Materials. <i>Chemical Reviews</i> , 2000, 100, 1565-1604.	47.7	769
366	X-ray structural investigations and conformational particularities of ethyne-derived organometallics based on ferrocene and fluorene. <i>Journal of Organometallic Chemistry</i> , 1999, 584, 301-309.	1.8	21
367	Phosphonate-based resins for the selective enrichment of uranium(VI). <i>Analytica Chimica Acta</i> , 1999, 402, 91-97.	5.4	45
368	Access to Well-Defined Heterogeneous Catalytic Systems via Ring-Opening Metathesis Polymerization (ROMP): Applications in Palladium(II)-Mediated Coupling Reactions. <i>Journal of the American Chemical Society</i> , 1999, 121, 11101-11107.	13.7	192
369	ROMP-Based, Highly Hydrophilic Poly(7-oxanorborn-2-ene-5,6-dicarboxylic acid)-Coated Silica for Analytical and Preparative Scale High-Performance Ion Chromatography. <i>Chemistry of Materials</i> , 1999, 11, 1533-1540.	6.7	56
370	New cation-exchange resins with high reversed-phase character for solid-phase extraction of phenols. <i>Journal of Chromatography A</i> , 1998, 810, 43-52.	3.7	29
371	Determination of airborne, volatile amines from polyurethane foams by sorption onto a high-capacity cation-exchange resin based on poly(succinic acid). <i>Journal of Chromatography A</i> , 1998, 809, 121-129.	3.7	39
372	On-Line Cation Exchange for Suppression of Adduct Formation in Negative-Ion Electrospray Mass Spectrometry of Nucleic Acids. <i>Analytical Chemistry</i> , 1998, 70, 5288-5295.	6.5	102
373	Living Polymerization of Novel Conjugatively Spaced Ferrocenylacetylenes. <i>Macromolecules</i> , 1998, 31, 3175-3183.	4.8	79
374	Dipyridyl Amide-Functionalized Polymers Prepared by Ring-Opening-Metathesis Polymerization (ROMP) for the Selective Extraction of Mercury and Palladium. <i>Journal of the American Chemical Society</i> , 1998, 120, 2790-2797.	13.7	122
375	Selective Extraction of Rare-Earth Elements from Rocks Using a High-Capacity cis-1,4-Butanedioic Acid-Functionalized Resin. <i>Analytical Chemistry</i> , 1998, 70, 2130-2136.	6.5	41
376	Ring-Opening-Metathesis Polymerization for the Preparation of Carboxylic-Acid-Functionalized, High-Capacity Polymers for Use in Separation Techniques. <i>Journal of the American Chemical Society</i> , 1997, 119, 9166-9174.	13.7	106
377	Synthesis of Polyenes That Contain Mesogenic Side Chains via the Living Polymerization of 4-(Ferrocenylethynyl)-4-ethynyltolane. <i>Macromolecules</i> , 1997, 30, 2274-2277.	4.8	59
378	New, high-capacity carboxylic acid functionalized resins for solid-phase extraction of a broad range of organic compounds. <i>Journal of Chromatography A</i> , 1997, 786, 259-268.	3.7	32

#	ARTICLE	IF	CITATIONS
379	Synthesis of Polyenes That Contain Metallocenes via the Living Polymerization of Ethynylferrocene and Ethynylruthenocene. <i>Macromolecules</i> , 1995, 28, 6642-6649.	4.8	107
380	Synthesis of (Hexafluoro-tert-butyl)amine and Molybdenum(VI) (Hexafluoro-tert-butyl)imido Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 3553-3554.	4.0	14
381	Ferrocenyl- and ethynyl-substituted fluorenes via addition-elimination reactions and two-electron reductions from fluorenone. Syntheses of heterodinuclear acetylene and fluorenyl complexes. <i>Organometallics</i> , 1993, 12, 2472-2477.	2.3	30
382	Metathesis Polymerization To and From Surfaces. , 0, , 137-171.		31
383	Surface Characterization of Carbon Fibers by Atomic Force Microscopy: Roughness Quantification by Power Spectral Density. <i>Key Engineering Materials</i> , 0, 742, 447-456.	0.4	3
384	Organoclay-assisted vat dyeing of polypropylene nanocomposite fabrics. <i>Coloration Technology</i> , 0, , .	1.5	1
385	Lithium-Sulfur Batteries Based on Sulfurized Poly(acrylonitrile) Cathodes: Impact of Electrode Density on Cell Performance. <i>Journal of the Electrochemical Society</i> , 0, , .	2.9	2
386	Predicting Catalytic Activity from ¹³ CCH Alkylidene Chemical Shift in Cationic Tungsten Oxo Alkylidene N-heterocyclic Carbene Complexes. <i>ChemCatChem</i> , 0, , .	3.7	3
387	Ligand Variations in Neutral and Cationic Molybdenum Alkylidyne NHC Catalysts. <i>Organometallics</i> , 0, , .	2.3	3