Kenneth B Wagener

List of Publications by Year
in descending order

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196 papers	7,923 citations	47409 49 h-index	81351 76 g-index
212 all docs	212 docs citations	212 times ranked	4445 citing authors

#	Article	IF	Citations
1	Hyperbranched Bisphosphonateâ€Functional Polymers via Selfâ€Condensing Vinyl Polymerization and Postpolymerization Multicomponent Reactions. Macromolecular Rapid Communications, 2021, 42, e2000578.	2.0	8
2	ADMET polymers: synthesis, structure elucidation, and function. Materials Chemistry Frontiers, 2021, 5, 14-43.	3.2	22
3	Bulk Acyclic Diene Metathesis Polycondensation. Macromolecular Chemistry and Physics, 2019, 220, 1900223.	1.1	13
4	High Resolution TEM Imaging of Polymer Crystals using Low Dose Techniques. Microscopy and Microanalysis, 2019, 25, 1708-1709.	0.2	0
5	Synthesis of Precision Poly(1,3-adamantylene alkylene)s via Acyclic Diene Metathesis Polycondensation. Macromolecules, 2019, 52, 4483-4491.	2.2	13
6	Thermo-responsive micelles prepared from brush-like block copolymers of proline- and oligo(lactide)-functionalized norbornenes. Polymer, 2019, 177, 178-188.	1.8	4
7	Polyethylene Grafted Silica Nanoparticles Prepared via Surface-Initiated ROMP. ACS Macro Letters, 2019, 8, 228-232.	2.3	36
8	Effect of Self-Poisoning on Crystallization Kinetics of Dimorphic Precision Polyethylenes with Bromine. Macromolecules, 2018, 51, 1386-1397.	2.2	21
9	Precision Sulfonic Acid Polyolefins via Heterogenous to Homogenous Deprotection. Macromolecular Chemistry and Physics, 2018, 219, 1700634.	1.1	16
10	Self-assembled highly ordered acid layers in precisely sulfonated polyethylene produce efficient proton transport. Nature Materials, 2018, 17, 725-731.	13.3	187
11	Longâ€chain branched random polyethylene via acyclic diene metathesis (ADMET) copolymerization. Journal of Polymer Science Part A, 2018, 56, 1705-1710.	2.5	7
12	A review of how to do an acyclic diene metathesis reaction. Polymer International, 2017, 66, 7-12.	1.6	40
13	Cover Image, Volume 66, Issue 1. Polymer International, 2017, 66, i-i.	1.6	0
14	Acyclic diene metathesis polymerization: History, methods and applications. Progress in Polymer Science, 2017, 69, 79-107.	11.8	86
15	Infrared Spectroscopy and X-ray Diffraction Characterization of Dimorphic Crystalline Structures of Polyethylenes with Halogens Placed at Equal Distance along the Backbone. Journal of Physical Chemistry B, 2017, 121, 10166-10179.	1.2	19
16	A study of ADMET polyethylene with 21â€carbon branches on every 15th compared to every 19th carbon: What a difference four extra backbone methylenes make. Journal of Polymer Science Part A, 2017, 55, 3090-3096.	2.5	3
17	Robert H. Grubbs â€" Exemplifying excellence in teaching and research. Journal of Polymer Science Part A, 2017, 55, 2863-2864.	2.5	2
18	Synthesis and Thermal Characterization of Precision Poly(pâ€cyclohexylene alkylene)s via Acyclic Diene Metathesis Polycondensation. Macromolecular Chemistry and Physics, 2016, 217, 850-855.	1.1	8

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19	Molecular Motion of the Junction Points in Model Networks Prepared by Acyclic Triene Metathesis. Macromolecular Rapid Communications, 2016, 37, 527-531.	2.0	6
20	Cyclic polymers from alkynes. Nature Chemistry, 2016, 8, 791-796.	6.6	152
21	High Melting Precision Sulfone Polyethylenes Synthesized by ADMET Chemistry. Macromolecular Chemistry and Physics, 2016, 217, 2351-2359.	1.1	28
22	Role of Periodicity and Acid Chemistry on the Morphological Evolution and Strength in Precise Polyethylenes. Macromolecules, 2016, 49, 8209-8218.	2.2	27
23	Modular segmented hyperbranched copolymers. Polymer Chemistry, 2016, 7, 4155-4159.	1.9	21
24	Spectroscopic Examinations of Hydrogen Bonding in Hydroxy-Functionalized ADMET Chemistry. Macromolecular Rapid Communications, 2015, 36, 60-64.	2.0	12
25	Macromol. Rapid Commun. 9/2015. Macromolecular Rapid Communications, 2015, 36, 860-860.	2.0	0
26	Precise Sulfite Functionalization of Polyolefins via ADMET Polymerization. ACS Macro Letters, 2015, 4, 624-627.	2.3	22
27	Microwave-assisted ADMET polymerization. Tetrahedron Letters, 2015, 56, 3923-3927.	0.7	9
28	Hierarchical Acrylic Acid Aggregate Morphologies Produce Strain-Hardening in Precise Polyethylene-Based Copolymers. Macromolecules, 2015, 48, 3713-3724.	2.2	43
29	Functional precision polymers via ADMET polymerization. Monatshefte FÃ¼r Chemie, 2015, 146, 1053-1061.	0.9	21
30	Unveiling the hyperbolic thermal behaviour of poly(p-phenylene alkylene)s. Polymer Chemistry, 2015, 6, 6073-6082.	1.9	18
31	Branch-Induced Heterogeneous Chain Motion in Precision Polyolefins. Macromolecules, 2015, 48, 8858-8866.	2.2	5
32	Direct Comparisons of X-ray Scattering and Atomistic Molecular Dynamics Simulations for Precise Acid Copolymers and Ionomers. Macromolecules, 2015, 48, 1210-1220.	2.2	89
33	Dynamics of Precise Ethylene Ionomers Containing Ionic Liquid Functionality. Macromolecules, 2015, 48, 410-420.	2.2	42
34	Aminobisphosphonate Polymers via RAFT and a Multicomponent Kabachnikâ€“Fields Reaction. Macromolecular Rapid Communications, 2015, 36, 828-833.	2.0	39
35	Precision Long-Chain Branched Polyethylene via Acyclic Diene Metathesis Polymerization. ACS Macro Letters, 2015, 4, 1225-1228.	2.3	28
36	ADMET Polymers Containing Precisely Spaced Pendant Boronic Acids and Esters. Macromolecules, 2015, 48, 5470-5473.	2.2	25

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37	Morphology control in precision polyolefins. Applied Petrochemical Research, 2015, 5, 3-8.	1.3	10
38	Extending the Methylene Spacer Length of ADMET Hydroxyâ€Functionalized Polymers. Macromolecular Chemistry and Physics, 2014, 215, 1212-1217.	1.1	15
39	Precision Polymers through ADMET Polymerization. Macromolecular Chemistry and Physics, 2014, 215, 1936-1945.	1.1	97
40	Acyclic diene metathesis polymerization and precision polymers. Applied Petrochemical Research, 2014, 4, 225-233.	1.3	21
41	Systematic Studies of Morphological Changes of Precision Polyethylene. Macromolecular Rapid Communications, 2014, 35, 123-132.	2.0	20
42	Synthesis of Polymeric Phosphonates for Selective Delivery of Radionuclides to Osteosarcoma. Cancer Biotherapy and Radiopharmaceuticals, 2014, 29, 273-282.	0.7	17
43	Functional Î±,Ï‰-dienes via thiol-Michael chemistry: synthesis, oxidative protection, acyclic diene metathesis (ADMET) polymerization and radical thiolâ€“ene modification. Polymer Chemistry, 2014, 5, 6225-6235.	1.9	20
44	Large-Scale Preparation of Long-Chain ADMET Synthons. Synthetic Communications, 2014, 44, 2409-2415.	1.1	6
45	Magtrieveâ„¢: a convenient catalyst for the oxidation of alcohols. Tetrahedron Letters, 2014, 55, 4452-4454.	0.7	7
46	Polymorphism and Phase Transitions of Precisely Halogen-Substituted Polyethylene. (1) Crystal Structures of Various Crystalline Modifications of Bromine-Substituted Polyethylene on Every 21st Backbone Carbon. Macromolecules, 2014, 47, 4738-4749.	2.2	26
47	Kinetic Control of Chlorine Packing in Crystals of a Precisely Substituted Polyethylene. Toward Advanced Polyolefin Materials. Macromolecules, 2014, 47, 236-245.	2.2	38
48	Metathesis Polymerization Including ADMET. , 2014, , 1-6.		0
49	Room Temperature Morphologies of Precise Acid- and Ion-Containing Polyethylenes. Macromolecules, 2013, 46, 9003-9012.	2.2	66
50	Synthesis of proton conducting phosphonic acid-functionalized polyolefins by the combination of ATRP and ADMET. Polymer Chemistry, 2013, 4, 1351-1363.	1.9	17
51	Effects of Boron-Containing Lewis Acids on Olefin Metathesis. Organometallics, 2013, 32, 2513-2516.	1.1	24
52	Insertion metathesis depolymerization. Polymer Chemistry, 2013, 4, 3656.	1.9	24
53	ADMET: The Future Revealed. Macromolecules, 2013, 46, 4735-4741.	2.2	171
54	Morphological Trends in Precise Acid- and Ion-Containing Polyethylenes at Elevated Temperature. Macromolecules, 2013, 46, 8995-9002.	2.2	44

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55	Metathesis Step-Growth Polymerizations in Ionic Liquid. ACS Macro Letters, 2013, 2, 1061-1064.	2.3	21
56	Triptyceneâ€containing polyetherolefins via acyclic diene metathesis polymerization. Journal of Polymer Science Part A, 2013, 51, 1695-1706.	2.5	16
57	A Brief Examination of the Latest ADMET Chemistry. Current Organic Chemistry, 2013, 17, 2749-2763.	0.9	14
58	Heterogeneous Coordination Environments in Lithium-Neutralized Ionomers Identified Using 1H and 7Li MAS NMR. Materials, 2012, 5, 1508-1527.	1.3	14
59	Precision Ionomers: Synthesis and Thermal/Mechanical Characterization. Macromolecules, 2012, 45, 681-687.	2.2	78
60	Ionic Aggregate Structure in Ionomer Melts: Effect of Molecular Architecture on Aggregates and the Ionomer Peak. Journal of the American Chemical Society, 2012, 134, 574-587.	6.6	148
61	Solvent Effects in Alternating ADMET Polymerization. ACS Macro Letters, 2012, 1, 449-451.	2.3	50
62	Perfectly Regioregular Electroactive Polyolefins: Impact of Inter-Chromophore Distance on PLED EQE. Macromolecules, 2012, 45, 705-712.	2.2	18
63	Control of Charge-Carrier Mobility via In-Chain Spacer Length Variation in Sequenced Triarylamine Functionalized Polyolefins. ACS Macro Letters, 2012, 1, 324-327.	2.3	14
64	Decreasing the Alkyl Branch Frequency in Precision Polyethylene: Effect of Alkyl Branch Size on Nanoscale Morphology. Macromolecules, 2012, 45, 3367-3376.	2.2	66
65	Precise Acid Copolymer Exhibits a Face-Centered Cubic Structure. ACS Macro Letters, 2012, 1, 71-74.	2.3	31
66	Molecular dynamics in precision deuteriomethyl branched polyethylene from solid-state deuterium NMR. Polymer, 2012, 53, 2633-2642.	1.8	11
67	The impact of zinc neutralization on the structure and dynamics of precise polyethylene acrylic acid ionomers: A solid-state 13C NMR study. Polymer, 2012, 53, 3917-3927.	1.8	22
68	Synthesis and Thermal Characterization of Precision Poly(ethylene-co-vinyl Amine) Copolymers. Macromolecules, 2012, 45, 671-680.	2.2	27
69	Synthesis and thermal crosslinking of carbosiloxane and oligo(oxyethylene) polymers. Journal of Polymer Science Part A, 2012, 50, 431-440.	2.5	8
70	Synthesis of Poly(3-dodecyl-2,5-thienylene vinylene) by Solid-State Metathesis Polycondensation. Macromolecules, 2011, 44, 9529-9532.	2.2	34
71	Decreasing the Alkyl Branch Frequency in Precision Polyethylene: Pushing the Limits toward Longer Run Lengths. Journal of the American Chemical Society, 2011, 133, 11872-11875.	6.6	78
72	Effect of the Sequence Length Distribution on the Lamellar Crystal Thickness and Thickness Distribution of Polyethylene: Perfectly Equisequential ADMET Polyethylene vs Ethylene/Î±-Olefin Copolymer.. Macromolecules, 2011, 44, 313-319.	2.2	66

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73	¹H MAS NMR Spectroscopy of Polyethylene Acrylic Acid Copolymers and Ionomers. ACS Symposium Series, 2011, , 115-131.	0.5	6
74	Unusual Crystallization Behavior of Polyethylene Having Precisely Spaced Branches. Macromolecules, 2011, 44, 4030-4034.	2.2	25
75	ADMET: Metathesis polycondensation. Journal of Polymer Science Part A, 2011, 49, 821-831.	2.5	101
76	Polyethylene Prodrugs Using Precisely Placed Pharmaceutical Agents. Macromolecular Chemistry and Physics, 2010, 211, 154-165.	1.1	19
77	Nanoparticles by ROMP in Nonaqueous Emulsions. Macromolecular Chemistry and Physics, 2010, 211, 2547-2554.	1.1	24
78	Chain internal/chain end latent crosslinking in thermoset polymer systems. Journal of Polymer Science Part A, 2010, 48, 1866-1877.	2.5	17
79	Precision Phosphonic Acid Functionalized Polyolefin Architectures. Macromolecules, 2010, 43, 3690-3698.	2.2	80
80	Nanoscale Morphology in Precisely Sequenced Poly(ethylene-co-acrylic acid) Zinc Ionomers. Journal of the American Chemical Society, 2010, 132, 8165-8174.	6.6	159
81	Regioregular Electroactive Polyolefins with Precisely Sequenced Ï€-Conjugated Chromophores. Macromolecules, 2010, 43, 5909-5913.	2.2	13
82	Synthesis of Precision Ionic Polyolefins Derived from Ionic Liquids. Macromolecules, 2010, 43, 1699-1701.	2.2	59
83	Synthesis of Amorphous Hydrophobic Telechelic Hydrocarbon Diols via ADMET Polymerization. Macromolecular Chemistry and Physics, 2009, 210, 1818-1833.	1.1	28
84	Macromol. Chem. Phys. 21/2009. Macromolecular Chemistry and Physics, 2009, 210, NA-NA.	1.1	0
85	Precision Sulfonic Acid Ester Copolymers. Macromolecular Rapid Communications, 2009, 30, 915-919.	2.0	27
86	Local and Collective Motions in Precise Polyolefins with Alkyl Branches: A Combination of ²H and ¹³C Solidâ€State NMR Spectroscopy. Angewandte Chemie - International Edition, 2009, 48, 4617-4620.	7.2	46
87	Thermally crosslinked carbosiloxane and oligo(oxyethylene) polymers. Journal of Polymer Science Part A, 2009, 47, 5180-5183.	2.5	17
88	Polyethylene Functionalized with Precisely Spaced Phosphonic Acid Groups. Macromolecules, 2009, 42, 4407-4409.	2.2	57
89	Reducing Branch Frequency in Precision Polyethylene. Macromolecules, 2009, 42, 4953-4955.	2.2	28
90	Precisely and Irregularly Sequenced Ethylene/1-Hexene Copolymers: A Synthesis and Thermal Study. Macromolecules, 2009, 42, 1934-1947.	2.2	56

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91	Precision Polyethylene: Changes in Morphology as a Function of Alkyl Branch Size. Journal of the American Chemical Society, 2009, 131, 17376-17386.	6.6	130
92	Synthesis and characterization of oligo(oxyethylene)/carbosilane copolymers for thermoset elastomers via ADMET. Journal of Polymer Science Part A, 2008, 46, 3992-4011.	2.5	22
93	Semicrystalline Lysine Functionalized Precision Polyolefins. Macromolecular Chemistry and Physics, 2008, 209, 1485-1494.	1.1	21
94	Probing the Effects of Hydrophilic Branch Size, Distribution, and Connectivity in Amphiphilic Polyethylene. Macromolecular Chemistry and Physics, 2008, 209, 1601-1611.	1.1	18
95	Precision polyolefin structure: Modeling polyethylene containing alkyl branches. Polymer, 2008, 49, 2985-2995.	1.8	83
96	Avoiding Olefin Isomerization During Decyanation of Alkylcyano Î±,Ï‰-Dienes: A Deuterium Labeling and Structural Study of Mechanism. Journal of Organic Chemistry, 2008, 73, 4962-4970.	1.7	34
97	Inducing Pendant Group Interactions in Precision Polyolefins: Synthesis and Thermal Behavior. Macromolecules, 2008, 41, 5116-5122.	2.2	30
98	Random, Defect-Free Ethylene/Vinyl Halide Model Copolymers via Condensation Polymerization. Macromolecules, 2008, 41, 25-30.	2.2	28
99	ADMET Polycondensation of Diketopiperazine-Based Dienes. Polymerization Behavior and Effect of Diketopiperazine on the Properties of the Formed Polymers. Macromolecules, 2008, 41, 6041-6046.	2.2	37
100	Well-Defined Precision Ethylene/Vinyl Fluoride Polymers:â€‰ Synthesis and Crystalline Properties. Macromolecules, 2008, 41, 1647-1653.	2.2	50
101	Quantitative Î±â€Alkylation of Primary Nitriles. Synthetic Communications, 2007, 37, 3923-3931.	1.1	21
102	Progress in the Development of Wellâ€Defined Ethyleneâ€Vinyl Halide Polymers. Polymer Reviews, 2007, 47, 511-541.	5.3	15
103	Linear Low-Density Polyethylene Containing Precisely Placed Hexyl Branches. Macromolecules, 2007, 40, 4414-4423.	2.2	49
104	Precisely Defined Amphiphilic Graft Copolymers. Macromolecules, 2007, 40, 8547-8552.	2.2	38
105	Linear Copolymers of Ethylene and Polar Vinyl Monomers via Olefin Metathesisâ^'Hydrogenation:â€‰ Synthesis, Characterization, and Comparison to Branched Analogues. Macromolecules, 2007, 40, 2643-2656.	2.2	83
106	Synthesis and Morphology of Well-Defined Poly(ethylene-co-acrylic acid) Copolymers. Macromolecules, 2007, 40, 6564-6571.	2.2	177
107	Precision Ethylene/Vinyl Chloride Polymers via Condensation Polymerization. Macromolecules, 2007, 40, 6545-6551.	2.2	68
108	University of Florida: Center for Macromolecular Science & Engineering. Macromolecular Chemistry and Physics, 2007, 208, 15-17.	1.1	2

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109	Precision Polyolefin Structure: Modeling Polyethylene Containing Methyl and Ethyl Branches. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 305-324.	0.1	3
110	Modeling Low Density Polyethylene with Precisely Placed Butyl Branches. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 325-332.	0.1	0
111	Correlating Precisely Defined Primary Structure with Crystalline Properties in Halogen Containing Polyolefins. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 333-345.	0.1	0
112	Functionality Dependent Olefin Activity in Acyclic Diene Metathesis Polymerization:Â Mass Spectrometry Characterization of Amino Acid Functionalized Olefins. Analytical Chemistry, 2006, 78, 3624-3631.	3.2	17
113	Sequenced Ethyleneâ˜Propylene Copolymers:Â Effects of Short Ethylene Run Lengths. Macromolecules, 2006, 39, 5028-5036.	2.2	55
114	Synthesis and Crystallization of Precision ADMET Polyolefins Containing Halogens. Macromolecules, 2006, 39, 4437-4447.	2.2	103
115	Understanding Structural Isomerization during Ruthenium-Catalyzed Olefin Metathesis:Â A Deuterium Labeling Study. Organometallics, 2006, 25, 6074-6086.	1.1	120
116	Linear Ethyleneâ˜Vinyl Ether Copolymers:Â Synthesis and Thermal Characterization. Macromolecules, 2006, 39, 7015-7021.	2.2	21
117	Precision branching in ethylene copolymers: Synthesis and thermal behavior. Journal of Polymer Science Part A, 2006, 44, 4981-4989.	2.5	40
118	The acyclic diene metathesis (ADMET) polymerization approach to silicon containing materials. Journal of Molecular Catalysis A, 2006, 257, 89-98.	4.8	40
119	Understanding the effect of allylic methyls in olefin cross-metathesis. Journal of Organometallic Chemistry, 2006, 691, 585-594.	0.8	19
120	The utility of Hoveyda-type catalysts in ADMET chemistry: Sterics versus electronics. Journal of Molecular Catalysis A, 2006, 254, 111-117.	4.8	16
121	Effect of the Precise Branching of Polyethylene at Each 21st CH2Group on Its Phase Transitions, Crystal Structure, and Morphology. Macromolecules, 2006, 39, 204-217.	2.2	53
122	Catalysis in Acyclic Diene Metathesis (ADMET) Polymerization. , 2005, , 193-229.		2
123	Solid-State Olefin Metathesis: ADMET of Rigid-Rod Polymers and Ring-Closing Metathesis. Macromolecular Chemistry and Physics, 2005, 206, 15-24.	1.1	28
124	Chain-End and Chain-Internal Crosslinking in ?Latent Reactive? Silicon Elastomers. Macromolecular Chemistry and Physics, 2005, 206, 218-226.	1.1	28
125	gem-Dimethyl Effects in the Thermal Behavior of Polyethylene. Macromolecular Chemistry and Physics, 2005, 206, 1461-1471.	1.1	13
126	Back Cover: Macromol. Chem. Phys. 15/2005. Macromolecular Chemistry and Physics, 2005, 206, 1588-1588.	1.1	0

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127	Preparation and properties of polytolan membranes bearing p-hydroxyl groups. Polymer, 2005, 46, 1-4.	1.8	27
128	Synthesis and metathesis activity of ruthenium dimethylvinyl carbene complexes. Journal of Polymer Science Part A, 2005, 43, 6134-6145.	2.5	9
129	Synthesis of Ruthenium Olefin Metathesis Catalysts with Linear Alkyl Carbene Complexes. Organometallics, 2005, 24, 1477-1482.	1.1	47
130	Circumventing the Reactivity Ratio Dilemma:Â Synthesis of Ethylene-co-Methyl Vinyl Ether Copolymer. Macromolecules, 2005, 38, 2550-2551.	2.2	27
131	MALDI-TOF Detection of Olefin Structural Isomerization in Metathesis Chemistry. Macromolecules, 2005, 38, 5878-5885.	2.2	38
132	Morphology and packing behavior of model ethylene/propylene copolymers with precise methyl branch placement. Colloid and Polymer Science, 2004, 282, 773-781.	1.0	66
133	The facile preparation of alkenyl metathesis synthons. Tetrahedron, 2004, 60, 10943-10948.	1.0	104
134	Bio-olefins via condensation metathesis chemistry. Journal of Molecular Catalysis A, 2004, 213, 93-99.	4.8	9
135	ADMET Synthesis of Polyolefins Targeted for Biological Applications. Macromolecules, 2004, 37, 1180-1189.	2.2	70
136	Modeling Branched Polyethylene:Â Copolymers Possessing Precisely Placed Ethyl Branches. Journal of the American Chemical Society, 2004, 126, 11238-11246.	6.6	94
137	Acyclic Diene Metathesis (ADMET) Segmented Copolymers. Macromolecules, 2004, 37, 3328-3336.	2.2	11
138	Modeling Ethylene/Methyl Methacrylate and Ethylene/Methacrylic Acid Copolymers Using Acyclic Diene Metathesis Chemistry. Macromolecules, 2004, 37, 4031-4037.	2.2	19
139	ADMET Polymerization as a Route to Functionalized Polycarbosilanes. Macromolecular Chemistry and Physics, 2003, 204, 32-39.	1.1	24
140	Olefin isomerization promoted by olefin metathesis catalysts. Inorganica Chimica Acta, 2003, 345, 190-198.	1.2	144
141	Competing ruthenium catalyzed metathesis condensation and isomerization of allylic olefins. Journal of Molecular Catalysis A, 2003, 194, 69-78.	4.8	42
142	Graft copolymers by acyclic diene metathesis and atom transfer radical polymerization techniques. Journal of Polymer Science Part A, 2003, 41, 2816-2827.	2.5	18
143	Solid-State Metathesis Polycondensation. Macromolecules, 2003, 36, 539-542.	2.2	17
144	Amino Acid and Dipeptide Functionalized Polyolefins. Macromolecules, 2003, 36, 2206-2214.	2.2	53

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145	Modeling Random Methyl Branching in Ethylene/ Propylene Copolymers Using Metathesis Chemistry:Â Synthesis and Thermal Behavior. Journal of the American Chemical Society, 2003, 125, 2228-2240.	6.6	102
146	Metathesis Activity and Stability of New Generation Ruthenium Polymerization Catalysts. Macromolecules, 2003, 36, 8231-8239.	2.2	107
147	Nontraditional Step-Growth Polymerization: ADMET. , 2003, , 431-466.		4
148	Graft Copolymers Attained by ATRP and ADMET. , 2003, , 191-202.		0
149	The Incorporation of Amino Acids into Polymers ADMET. , 2003, , 179-189.		0
150	Comparison of the Kinetics of Acyclic Diene Metathesis Promoted by Grubbs Ruthenium Olefin Metathesis Catalysts. Macromolecules, 2002, 35, 48-53.	2.2	54
151	Chiral Polyolefins. Advanced Materials, 2002, 14, 1703-1715.	11.1	39
152	ADMET copolymerization of divinyltetraethoxydisiloxane with 1,9-decadiene catalyzed by Grubbsâ€™ catalyst. Journal of Molecular Catalysis A, 2002, 190, 27-31.	4.8	19
153	â€œPerfect Combâ€•ADMET Graft Copolymers. Macromolecules, 2001, 34, 6845-6849.	2.2	44
154	Chiral Polyolefins Bearing Amino Acids. Macromolecules, 2001, 34, 7920-7922.	2.2	74
155	An examination of the substitution chemistry of di-n-hexyldichlorosilane. Journal of Organometallic Chemistry, 2001, 620, 287-295.	0.8	8
156	Carbosilane/carbosiloxane-based ADMET homopolymers and copolymers possessing latent reactivity. Journal of Polymer Science Part A, 2000, 38, 1544-1550.	2.5	29
157	Aryloxide ligand modification: new classical catalytic systems for olefin metathesis. Journal of Molecular Catalysis A, 2000, 160, 145-156.	4.8	17
158	Functionalized Polyethylene via Acyclic Diene Metathesis Polymerization:Â Effect of Precise Placement of Functional Groups. Macromolecules, 2000, 33, 8963-8970.	2.2	97
159	Solvent-Free Olefin Metathesis Depolymerization of 1,4-Polybutadiene. Macromolecules, 2000, 33, 1494-1496.	2.2	41
160	Tandem Homogeneous Metathesis/Heterogeneous Hydrogenation:â€‰ Preparing Model Ethylene/CO2 and Ethylene/CO Copolymers. Macromolecules, 2000, 33, 3196-3201.	2.2	103
161	Ethylene/Vinyl Acetate Copolymers via Acyclic Diene Metathesis Polymerization. Examining the Effect of â€œLongâ€•Precise Ethylene Run Lengths. Macromolecules, 2000, 33, 5411-5417.	2.2	71
162	Precisely Controlled Methyl Branching in Polyethylene via Acyclic Diene Metathesis (ADMET) Polymerization. Macromolecules, 2000, 33, 3781-3794.	2.2	134

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163	Carbosilane/carbosiloxane-based ADMET homopolymers and copolymers possessing latent reactivity. , 2000, 38, 1544.		1
164	Germanium-containing polymers via acyclic diene metathesis. Journal of Organometallic Chemistry, 1999, 592, 271-277.	0.8	30
165	An ADMET route to unsaturated polyacetals. Macromolecular Rapid Communications, 1998, 19, 305-308.	2.0	21
166	Acyclic diene metathesis (ADMET) polymerization using aryloxy tungsten-based classical catalytic systems. Macromolecular Chemistry and Physics, 1998, 199, 1581-1587.	1.1	13
167	Investigations on fluorinated aryloxy tungsten-based catalytic systems for acyclic diene metathesis polymerization1Manuscript submitted as a Note to the Journal of Molecular Catalysis A: Chemical as a contribution to the Special Issue dedicated to the XII Symposium on Olefin Metathesis and Related Chemistry (ISOM-12).1. Journal of Molecular Catalysis A, 1998, 133, 159-166.	4.8	12
168	Direct Synthesis of Well-Defined Alcohol-Functionalized Polymers via Acyclic Diene Metathesis (ADMET) Polymerization. Macromolecules, 1998, 31, 2764-2773.	2.2	66
169	An ADMET route to unsaturated polyacetals. , 1998, 19, 305.		1
170	An ADMET route to unsaturated polyacetals. Macromolecular Rapid Communications, 1998, 19, 305-308.	2.0	1
171	Metal-Containing Polymers Synthesized via Acyclic Diene Metathesis:â€‰ Polycarbostannanes. Macromolecules, 1997, 30, 714-717.	2.2	39
172	ADMET Modeling of Branching in Polyethylene. The Effect of a Perfectly-Spaced Methyl Group. Macromolecules, 1997, 30, 6688-6690.	2.2	47
173	Acyclic diene metathesis (ADMET) polymerization using a well-defined ruthenium based metathesis catalyst. Macromolecular Chemistry and Physics, 1996, 197, 2065-2074.	1.1	48
174	Synthesis and characterization of a chlorofunctionalized unsaturated carbosilane oligomer. Macromolecular Rapid Communications, 1995, 16, 347-355.	2.0	27
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