

Kenneth B Wagener

List of Publications by Year in descending order

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196
papers

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citations

41258

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212
all docs

212
docs citations

212
times ranked

3935
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-crystal-to-single-crystal photodimerization of cinnamic acid. <i>Journal of the American Chemical Society</i> , 1993, 115, 10390-10391.	6.6	307
2	Recent Advances in ADMET Polymerization. <i>Advances in Polymer Science</i> , 0, , 1-42.	0.4	191
3	Self-assembled highly ordered acid layers in precisely sulfonated polyethylene produce efficient proton transport. <i>Nature Materials</i> , 2018, 17, 725-731.	13.3	187
4	Synthesis and Morphology of Well-Defined Poly(ethylene-co-acrylic acid) Copolymers. <i>Macromolecules</i> , 2007, 40, 6564-6571.	2.2	177
5	ADMET: The Future Revealed. <i>Macromolecules</i> , 2013, 46, 4735-4741.	2.2	171
6	Nanoscale Morphology in Precisely Sequenced Poly(ethylene-co-acrylic acid) Zinc Ionomers. <i>Journal of the American Chemical Society</i> , 2010, 132, 8165-8174.	6.6	159
7	Cyclic polymers from alkynes. <i>Nature Chemistry</i> , 2016, 8, 791-796.	6.6	152
8	Ionic Aggregate Structure in Ionomer Melts: Effect of Molecular Architecture on Aggregates and the Ionomer Peak. <i>Journal of the American Chemical Society</i> , 2012, 134, 574-587.	6.6	148
9	Olefin isomerization promoted by olefin metathesis catalysts. <i>Inorganica Chimica Acta</i> , 2003, 345, 190-198.	1.2	144
10	Precisely Controlled Methyl Branching in Polyethylene via Acyclic Diene Metathesis (ADMET) Polymerization. <i>Macromolecules</i> , 2000, 33, 3781-3794.	2.2	134
11	Crystallographic Study of a Single Crystal to Single Crystal Photodimerization and Its Thermal Reverse Reaction. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1614-1616.	4.4	130
12	Precision Polyethylene: Changes in Morphology as a Function of Alkyl Branch Size. <i>Journal of the American Chemical Society</i> , 2009, 131, 17376-17386.	6.6	130
13	Understanding Structural Isomerization during Ruthenium-Catalyzed Olefin Metathesis: A Deuterium Labeling Study. <i>Organometallics</i> , 2006, 25, 6074-6086.	1.1	120
14	Metathesis Activity and Stability of New Generation Ruthenium Polymerization Catalysts. <i>Macromolecules</i> , 2003, 36, 8231-8239.	2.2	107
15	The facile preparation of alkenyl metathesis synthons. <i>Tetrahedron</i> , 2004, 60, 10943-10948.	1.0	104
16	Tandem Homogeneous Metathesis/Heterogeneous Hydrogenation: Preparing Model Ethylene/CO ₂ and Ethylene/CO Copolymers. <i>Macromolecules</i> , 2000, 33, 3196-3201.	2.2	103
17	Synthesis and Crystallization of Precision ADMET Polyolefins Containing Halogens. <i>Macromolecules</i> , 2006, 39, 4437-4447.	2.2	103
18	Modeling Random Methyl Branching in Ethylene/ Propylene Copolymers Using Metathesis Chemistry: Synthesis and Thermal Behavior. <i>Journal of the American Chemical Society</i> , 2003, 125, 2228-2240.	6.6	102

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19	Solvent-free cyclization of linear dienes using olefin metathesis and the Thorpe-Ingold effect. <i>Journal of the American Chemical Society</i> , 1992, 114, 10978-10980.	6.6	101
20	ADMET: Metathesis polycondensation. <i>Journal of Polymer Science Part A</i> , 2011, 49, 821-831.	2.5	101
21	Functionalized Polyethylene via Acyclic Diene Metathesis Polymerization: Effect of Precise Placement of Functional Groups. <i>Macromolecules</i> , 2000, 33, 8963-8970.	2.2	97
22	Precision Polymers through ADMET Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1936-1945.	1.1	97
23	Modeling Branched Polyethylene: Copolymers Possessing Precisely Placed Ethyl Branches. <i>Journal of the American Chemical Society</i> , 2004, 126, 11238-11246.	6.6	94
24	Direct Comparisons of X-ray Scattering and Atomistic Molecular Dynamics Simulations for Precise Acid Copolymers and Ionomers. <i>Macromolecules</i> , 2015, 48, 1210-1220.	2.2	89
25	Acyclic diene metathesis polymerization: History, methods and applications. <i>Progress in Polymer Science</i> , 2017, 69, 79-107.	11.8	86
26	Linear Copolymers of Ethylene and Polar Vinyl Monomers via Olefin Metathesis-Hydrogenation: Synthesis, Characterization, and Comparison to Branched Analogues. <i>Macromolecules</i> , 2007, 40, 2643-2656.	2.2	83
27	Precision polyolefin structure: Modeling polyethylene containing alkyl branches. <i>Polymer</i> , 2008, 49, 2985-2995.	1.8	83
28	Precision Phosphonic Acid Functionalized Polyolefin Architectures. <i>Macromolecules</i> , 2010, 43, 3690-3698.	2.2	80
29	Decreasing the Alkyl Branch Frequency in Precision Polyethylene: Pushing the Limits toward Longer Run Lengths. <i>Journal of the American Chemical Society</i> , 2011, 133, 11872-11875.	6.6	78
30	Precision Ionomers: Synthesis and Thermal/Mechanical Characterization. <i>Macromolecules</i> , 2012, 45, 681-687.	2.2	78
31	Chiral Polyolefins Bearing Amino Acids. <i>Macromolecules</i> , 2001, 34, 7920-7922.	2.2	74
32	Ethylene/Vinyl Acetate Copolymers via Acyclic Diene Metathesis Polymerization. Examining the Effect of Precise Ethylene Run Lengths. <i>Macromolecules</i> , 2000, 33, 5411-5417.	2.2	71
33	ADMET Synthesis of Polyolefins Targeted for Biological Applications. <i>Macromolecules</i> , 2004, 37, 1180-1189.	2.2	70
34	Precision Ethylene/Vinyl Chloride Polymers via Condensation Polymerization. <i>Macromolecules</i> , 2007, 40, 6545-6551.	2.2	68
35	Direct Synthesis of Well-Defined Alcohol-Functionalized Polymers via Acyclic Diene Metathesis (ADMET) Polymerization. <i>Macromolecules</i> , 1998, 31, 2764-2773.	2.2	66
36	Morphology and packing behavior of model ethylene/propylene copolymers with precise methyl branch placement. <i>Colloid and Polymer Science</i> , 2004, 282, 773-781.	1.0	66

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37	Effect of the Sequence Length Distribution on the Lamellar Crystal Thickness and Thickness Distribution of Polyethylene: Perfectly Equisequential ADMET Polyethylene vs Ethylene/1-Hexene Copolymer. <i>Macromolecules</i> , 2011, 44, 313-319.	2.2	66
38	Decreasing the Alkyl Branch Frequency in Precision Polyethylene: Effect of Alkyl Branch Size on Nanoscale Morphology. <i>Macromolecules</i> , 2012, 45, 3367-3376.	2.2	66
39	Room Temperature Morphologies of Precise Acid- and Ion-Containing Polyethylenes. <i>Macromolecules</i> , 2013, 46, 9003-9012.	2.2	66
40	The key to successful acyclic diene metathesis polymerization chemistry. <i>Die Makromolekulare Chemie</i> , 1990, 191, 365-374.	1.1	63
41	Acyclic diene metathesis (ADMET) polymerization. Synthesis of perfectly linear polyethylene. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1993, 14, 657-662.	1.1	62
42	Synthesis of Precision Ionic Polyolefins Derived from Ionic Liquids. <i>Macromolecules</i> , 2010, 43, 1699-1701.	2.2	59
43	Polyethylene Functionalized with Precisely Spaced Phosphonic Acid Groups. <i>Macromolecules</i> , 2009, 42, 4407-4409.	2.2	57
44	Precisely and Irregularly Sequenced Ethylene/1-Hexene Copolymers: A Synthesis and Thermal Study. <i>Macromolecules</i> , 2009, 42, 1934-1947.	2.2	56
45	Sequenced Ethylene/Propylene Copolymers: Effects of Short Ethylene Run Lengths. <i>Macromolecules</i> , 2006, 39, 5028-5036.	2.2	55
46	Comparison of the Kinetics of Acyclic Diene Metathesis Promoted by Grubbs Ruthenium Olefin Metathesis Catalysts. <i>Macromolecules</i> , 2002, 35, 48-53.	2.2	54
47	Amino Acid and Dipeptide Functionalized Polyolefins. <i>Macromolecules</i> , 2003, 36, 2206-2214.	2.2	53
48	Effect of the Precise Branching of Polyethylene at Each 21st CH ₂ Group on Its Phase Transitions, Crystal Structure, and Morphology. <i>Macromolecules</i> , 2006, 39, 204-217.	2.2	53
49	Well-Defined Precision Ethylene/Vinyl Fluoride Polymers: Synthesis and Crystalline Properties. <i>Macromolecules</i> , 2008, 41, 1647-1653.	2.2	50
50	Solvent Effects in Alternating ADMET Polymerization. <i>ACS Macro Letters</i> , 2012, 1, 449-451.	2.3	50
51	Linear Low-Density Polyethylene Containing Precisely Placed Hexyl Branches. <i>Macromolecules</i> , 2007, 40, 4414-4423.	2.2	49
52	Acyclic diene metathesis (ADMET) polymerization using a well-defined ruthenium based metathesis catalyst. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 2065-2074.	1.1	48
53	ADMET Modeling of Branching in Polyethylene. The Effect of a Perfectly-Spaced Methyl Group. <i>Macromolecules</i> , 1997, 30, 6688-6690.	2.2	47
54	Synthesis of Ruthenium Olefin Metathesis Catalysts with Linear Alkyl Carbene Complexes. <i>Organometallics</i> , 2005, 24, 1477-1482.	1.1	47

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55	Local and Collective Motions in Precise Polyolefins with Alkyl Branches: A Combination of ² H and ¹³ C Solid-State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4617-4620.	7.2	46
56	“Perfect Comb” ADMET Graft Copolymers. <i>Macromolecules</i> , 2001, 34, 6845-6849.	2.2	44
57	Morphological Trends in Precise Acid- and Ion-Containing Polyethylenes at Elevated Temperature. <i>Macromolecules</i> , 2013, 46, 8995-9002.	2.2	44
58	Acyclic diene metathesis depolymerization of elastomers. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1991, 12, 419-425.	1.1	43
59	Hierarchical Acrylic Acid Aggregate Morphologies Produce Strain-Hardening in Precise Polyethylene-Based Copolymers. <i>Macromolecules</i> , 2015, 48, 3713-3724.	2.2	43
60	Competing ruthenium catalyzed metathesis condensation and isomerization of allylic olefins. <i>Journal of Molecular Catalysis A</i> , 2003, 194, 69-78.	4.8	42
61	Dynamics of Precise Ethylene Ionomers Containing Ionic Liquid Functionality. <i>Macromolecules</i> , 2015, 48, 410-420.	2.2	42
62	Solvent-Free Olefin Metathesis Depolymerization of 1,4-Polybutadiene. <i>Macromolecules</i> , 2000, 33, 1494-1496.	2.2	41
63	Precision branching in ethylene copolymers: Synthesis and thermal behavior. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4981-4989.	2.5	40
64	The acyclic diene metathesis (ADMET) polymerization approach to silicon containing materials. <i>Journal of Molecular Catalysis A</i> , 2006, 257, 89-98.	4.8	40
65	A review of how to do an acyclic diene metathesis reaction. <i>Polymer International</i> , 2017, 66, 7-12.	1.6	40
66	Metal-Containing Polymers Synthesized via Acyclic Diene Metathesis: Polycarbostannanes. <i>Macromolecules</i> , 1997, 30, 714-717.	2.2	39
67	Chiral Polyolefins. <i>Advanced Materials</i> , 2002, 14, 1703-1715.	11.1	39
68	Aminobisphosphonate Polymers via RAFT and a Multicomponent Kabachnik-Fields Reaction. <i>Macromolecular Rapid Communications</i> , 2015, 36, 828-833.	2.0	39
69	MALDI-TOF Detection of Olefin Structural Isomerization in Metathesis Chemistry. <i>Macromolecules</i> , 2005, 38, 5878-5885.	2.2	38
70	Precisely Defined Amphiphilic Graft Copolymers. <i>Macromolecules</i> , 2007, 40, 8547-8552.	2.2	38
71	Kinetic Control of Chlorine Packing in Crystals of a Precisely Substituted Polyethylene. Toward Advanced Polyolefin Materials. <i>Macromolecules</i> , 2014, 47, 236-245.	2.2	38
72	Kristallographische Untersuchung einer Einkristall-zu-Einkristall-Photodimerisierung und ihrer thermischen Rückreaktion. <i>Angewandte Chemie</i> , 1993, 105, 1678-1680.	1.6	37

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73	ADMET Polycondensation of Diketopiperazine-Based Dienes. Polymerization Behavior and Effect of Diketopiperazine on the Properties of the Formed Polymers. <i>Macromolecules</i> , 2008, 41, 6041-6046.	2.2	37
74	Polyethylene Grafted Silica Nanoparticles Prepared via Surface-Initiated ROMP. <i>ACS Macro Letters</i> , 2019, 8, 228-232.	2.3	36
75	Avoiding Olefin Isomerization During Decyanation of Alkylcyano $\hat{\pm}$, $\hat{\%}$ -Dienes: A Deuterium Labeling and Structural Study of Mechanism. <i>Journal of Organic Chemistry</i> , 2008, 73, 4962-4970.	1.7	34
76	Synthesis of Poly(3-dodecyl-2,5-thienylene vinylene) by Solid-State Metathesis Polycondensation. <i>Macromolecules</i> , 2011, 44, 9529-9532.	2.2	34
77	Precise Acid Copolymer Exhibits a Face-Centered Cubic Structure. <i>ACS Macro Letters</i> , 2012, 1, 71-74.	2.3	31
78	Germanium-containing polymers via acyclic diene metathesis. <i>Journal of Organometallic Chemistry</i> , 1999, 592, 271-277.	0.8	30
79	Inducing Pendant Group Interactions in Precision Polyolefins: Synthesis and Thermal Behavior. <i>Macromolecules</i> , 2008, 41, 5116-5122.	2.2	30
80	Synthesis, photodegradation, and energy transfer in a series of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (terephthalate)s. <i>Journal of Polymer Science</i> , 1979, 24, 1809-1830.	1.3	29
81	Carbosilane/carbosiloxane-based ADMET homopolymers and copolymers possessing latent reactivity. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1544-1550.	2.5	29
82	Solid-State Olefin Metathesis: ADMET of Rigid-Rod Polymers and Ring-Closing Metathesis. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 15-24.	1.1	28
83	Chain-End and Chain-Internal Crosslinking in "Latent Reactive" Silicon Elastomers. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 218-226.	1.1	28
84	Random, Defect-Free Ethylene/Vinyl Halide Model Copolymers via Condensation Polymerization. <i>Macromolecules</i> , 2008, 41, 25-30.	2.2	28
85	Synthesis of Amorphous Hydrophobic Telechelic Hydrocarbon Diols via ADMET Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1818-1833.	1.1	28
86	Reducing Branch Frequency in Precision Polyethylene. <i>Macromolecules</i> , 2009, 42, 4953-4955.	2.2	28
87	Precision Long-Chain Branched Polyethylene via Acyclic Diene Metathesis Polymerization. <i>ACS Macro Letters</i> , 2015, 4, 1225-1228.	2.3	28
88	High Melting Precision Sulfone Polyethylenes Synthesized by ADMET Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2351-2359.	1.1	28
89	Synthesis and characterization of a chlorofunctionalized unsaturated carbosilane oligomer. <i>Macromolecular Rapid Communications</i> , 1995, 16, 347-355.	2.0	27
90	Preparation and properties of polytolan membranes bearing p-hydroxyl groups. <i>Polymer</i> , 2005, 46, 1-4.	1.8	27

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91	Circumventing the Reactivity Ratio Dilemma: A Synthesis of Ethylene-co-Methyl Vinyl Ether Copolymer. <i>Macromolecules</i> , 2005, 38, 2550-2551.	2.2	27
92	Precision Sulfonic Acid Ester Copolymers. <i>Macromolecular Rapid Communications</i> , 2009, 30, 915-919.	2.0	27
93	Synthesis and Thermal Characterization of Precision Poly(ethylene-co-vinyl Amine) Copolymers. <i>Macromolecules</i> , 2012, 45, 671-680.	2.2	27
94	Role of Periodicity and Acid Chemistry on the Morphological Evolution and Strength in Precise Polyethylenes. <i>Macromolecules</i> , 2016, 49, 8209-8218.	2.2	27
95	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. <i>Macromolecules</i> , 2014, 47, 4738-4749.	2.2	26
96	Acyclic diene metathesis (ADMET) depolymerization: The synthesis of 1,4-polybutadiene telechelics. <i>Macromolecular Rapid Communications</i> , 1995, 16, 557-561.	2.0	25
97	Unusual Crystallization Behavior of Polyethylene Having Precisely Spaced Branches. <i>Macromolecules</i> , 2011, 44, 4030-4034.	2.2	25
98	ADMET Polymers Containing Precisely Spaced Pendant Boronic Acids and Esters. <i>Macromolecules</i> , 2015, 48, 5470-5473.	2.2	25
99	Kinetic evidence for the existence of a 1,4 dipole. <i>Journal of Organic Chemistry</i> , 1973, 38, 3070-3072.	1.7	24
100	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1992, 13, 75-81.	1.1	24
101	ADMET Polymerization as a Route to Functionalized Polycarbosilanes. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 32-39.	1.1	24
102	Nanoparticles by ROMP in Nonaqueous Emulsions. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2547-2554.	1.1	24
103	Effects of Boron-Containing Lewis Acids on Olefin Metathesis. <i>Organometallics</i> , 2013, 32, 2513-2516.	1.1	24
104	Insertion metathesis depolymerization. <i>Polymer Chemistry</i> , 2013, 4, 3656.	1.9	24
105	Novel intramolecular rearrangement of a 1,4-dipole. <i>Journal of Organic Chemistry</i> , 1972, 37, 1454-1456.	1.7	22
106	Synthesis and characterization of oligo(oxyethylene)/carbosilane copolymers for thermoset elastomers via ADMET. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3992-4011.	2.5	22
107	The impact of zinc neutralization on the structure and dynamics of precise polyethylene acrylic acid ionomers: A solid-state ¹³ C NMR study. <i>Polymer</i> , 2012, 53, 3917-3927.	1.8	22
108	Precise Sulfite Functionalization of Polyolefins via ADMET Polymerization. <i>ACS Macro Letters</i> , 2015, 4, 624-627.	2.3	22

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109	ADMET polymers: synthesis, structure elucidation, and function. <i>Materials Chemistry Frontiers</i> , 2021, 5, 14-43.	3.2	22
110	Acyclic diene metathesis (ADMET) polymerization. Synthesis of an unsaturated polyester. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1991, 12, 413-417.	1.1	21
111	An ADMET route to unsaturated polyacetals. <i>Macromolecular Rapid Communications</i> , 1998, 19, 305-308.	2.0	21
112	Linear Ethylene-Vinyl Ether Copolymers: Synthesis and Thermal Characterization. <i>Macromolecules</i> , 2006, 39, 7015-7021.	2.2	21
113	Quantitative α -Alkylation of Primary Nitriles. <i>Synthetic Communications</i> , 2007, 37, 3923-3931.	1.1	21
114	Semicrystalline Lysine Functionalized Precision Polyolefins. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1485-1494.	1.1	21
115	Metathesis Step-Growth Polymerizations in Ionic Liquid. <i>ACS Macro Letters</i> , 2013, 2, 1061-1064.	2.3	21
116	Acyclic diene metathesis polymerization and precision polymers. <i>Applied Petrochemical Research</i> , 2014, 4, 225-233.	1.3	21
117	Functional precision polymers via ADMET polymerization. <i>Monatshefte für Chemie</i> , 2015, 146, 1053-1061.	0.9	21
118	Modular segmented hyperbranched copolymers. <i>Polymer Chemistry</i> , 2016, 7, 4155-4159.	1.9	21
119	Effect of Self-Poisoning on Crystallization Kinetics of Dimorphic Precision Polyethylenes with Bromine. <i>Macromolecules</i> , 2018, 51, 1386-1397.	2.2	21
120	Systematic Studies of Morphological Changes of Precision Polyethylene. <i>Macromolecular Rapid Communications</i> , 2014, 35, 123-132.	2.0	20
121	Functional α -dienes via thiol-Michael chemistry: synthesis, oxidative protection, acyclic diene metathesis (ADMET) polymerization and radical thiol-ene modification. <i>Polymer Chemistry</i> , 2014, 5, 6225-6235.	1.9	20
122	ADMET copolymerization of divinyltetraethoxydisiloxane with 1,9-decadiene catalyzed by Grubbs's Ru^{TM} catalyst. <i>Journal of Molecular Catalysis A</i> , 2002, 190, 27-31.	4.8	19
123	Modeling Ethylene/Methyl Methacrylate and Ethylene/Methacrylic Acid Copolymers Using Acyclic Diene Metathesis Chemistry. <i>Macromolecules</i> , 2004, 37, 4031-4037.	2.2	19
124	Understanding the effect of allylic methyls in olefin cross-metathesis. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 585-594.	0.8	19
125	Polyethylene Prodrugs Using Precisely Placed Pharmaceutical Agents. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 154-165.	1.1	19
126	Infrared Spectroscopy and X-ray Diffraction Characterization of Dimorphic Crystalline Structures of Polyethylenes with Halogens Placed at Equal Distance along the Backbone. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10166-10179.	1.2	19

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127	A propagation mechanism involving an alternating Diels-Alder-ene reaction sequence. <i>Journal of Polymer Science Part B: Polymer Letters</i> , 1972, 10, 805-816.	0.9	18
128	Graft copolymers by acyclic diene metathesis and atom transfer radical polymerization techniques. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2816-2827.	2.5	18
129	Probing the Effects of Hydrophilic Branch Size, Distribution, and Connectivity in Amphiphilic Polyethylene. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1601-1611.	1.1	18
130	Perfectly Regioregular Electroactive Polyolefins: Impact of Inter-Chromophore Distance on PLED EQE. <i>Macromolecules</i> , 2012, 45, 705-712.	2.2	18
131	Unveiling the hyperbolic thermal behaviour of poly(p-phenylene alkylene)s. <i>Polymer Chemistry</i> , 2015, 6, 6073-6082.	1.9	18
132	Aryloxide ligand modification: new classical catalytic systems for olefin metathesis. <i>Journal of Molecular Catalysis A</i> , 2000, 160, 145-156.	4.8	17
133	Solid-State Metathesis Polycondensation. <i>Macromolecules</i> , 2003, 36, 539-542.	2.2	17
134	Functionality Dependent Olefin Activity in Acyclic Diene Metathesis Polymerization:Â Mass Spectrometry Characterization of Amino Acid Functionalized Olefins. <i>Analytical Chemistry</i> , 2006, 78, 3624-3631.	3.2	17
135	Thermally crosslinked carbosiloxane and oligo(oxyethylene) polymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5180-5183.	2.5	17
136	Chain internal/chain end latent crosslinking in thermoset polymer systems. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1866-1877.	2.5	17
137	Synthesis of proton conducting phosphonic acid-functionalized polyolefins by the combination of ATRP and ADMET. <i>Polymer Chemistry</i> , 2013, 4, 1351-1363.	1.9	17
138	Synthesis of Polymeric Phosphonates for Selective Delivery of Radionuclides to Osteosarcoma. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2014, 29, 273-282.	0.7	17
139	The utility of Hoveyda-type catalysts in ADMET chemistry: Sterics versus electronics. <i>Journal of Molecular Catalysis A</i> , 2006, 254, 111-117.	4.8	16
140	Triptyceneâ€containing polyetherolefins via acyclic diene metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1695-1706.	2.5	16
141	Precision Sulfonic Acid Polyolefins via Heterogenous to Homogenous Deprotection. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700634.	1.1	16
142	Crystal-to-Crystal Photodimerizattons. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 240, 121-126.	0.3	15
143	Progress in the Development of Wellâ€Defined Ethyleneâ€Vinyl Halide Polymers. <i>Polymer Reviews</i> , 2007, 47, 511-541.	5.3	15
144	Extending the Methylene Spacer Length of ADMET Hydroxyâ€Functionalized Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1212-1217.	1.1	15

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145	Heterogeneous Coordination Environments in Lithium-Neutralized Ionomers Identified Using ¹ H and ⁷ Li MAS NMR. <i>Materials</i> , 2012, 5, 1508-1527.	1.3	14
146	Control of Charge-Carrier Mobility via In-Chain Spacer Length Variation in Sequenced Triarylamine Functionalized Polyolefins. <i>ACS Macro Letters</i> , 2012, 1, 324-327.	2.3	14
147	A Brief Examination of the Latest ADMET Chemistry. <i>Current Organic Chemistry</i> , 2013, 17, 2749-2763.	0.9	14
148	Homogeneous Photodimerization and Thermal Back Reaction of a Styrylpyrylium Triflate. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 242, 1-8.	0.3	13
149	Acyclic diene metathesis (ADMET) polymerization using aryloxy tungsten-based classical catalytic systems. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 1581-1587.	1.1	13
150	gem-Dimethyl Effects in the Thermal Behavior of Polyethylene. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1461-1471.	1.1	13
151	Regioregular Electroactive Polyolefins with Precisely Sequenced π -Conjugated Chromophores. <i>Macromolecules</i> , 2010, 43, 5909-5913.	2.2	13
152	Bulk Acyclic Diene Metathesis Polycondensation. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900223.	1.1	13
153	Synthesis of Precision Poly(1,3-adamantylene alkylene)s via Acyclic Diene Metathesis Polycondensation. <i>Macromolecules</i> , 2019, 52, 4483-4491.	2.2	13
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