

# Robert M Waymouth

## List of Publications by Year in descending order

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279  
papers

27,516  
citations

5782

84  
h-index

7627

156  
g-index

291  
all docs

291  
docs citations

291  
times ranked

15149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potassium Trimethylsilylanolate-Promoted, Anhydrous Suzuki–Miyaura Cross-Coupling Reaction Proceeds via the $\sigma$ -Boronate Mechanism: Evidence for the Alternative Fork in the Trail. <i>Journal of the American Chemical Society</i> , 2022, 144, 4345-4364.	6.6	20
2	A Cation-Dependent Dual Activation Motif for Anionic Ring-Opening Polymerization of Cyclic Esters. <i>Journal of the American Chemical Society</i> , 2022, 144, 8439-8443.	6.6	10
3	Fingolimod-Conjugated Charge-Altering Releasable Transporters Efficiently and Specifically Deliver mRNA to Lymphocytes In Vivo and In Vitro. <i>Biomacromolecules</i> , 2022, 23, 2976-2988.	2.6	5
4	An mRNA SARS-CoV-2 Vaccine Employing Charge-Altering Releasable Transporters with a TLR-9 Agonist Induces Neutralizing Antibodies and T Cell Memory. <i>ACS Central Science</i> , 2021, 7, 1191-1204.	5.3	34
5	Photocleavable Regenerative Network Materials with Exceptional and Repeatable Viscoelastic Manipulability. <i>Advanced Science</i> , 2021, 8, e2101143.	5.6	15
6	Reversible RNA acylation for control of CRISPR–Cas9 gene editing. <i>Chemical Science</i> , 2020, 11, 1011-1016.	3.7	37
7	Electrocatalytic Alcohol Oxidation with Iron-Based Acceptorless Alcohol Dehydrogenation Catalyst. <i>Inorganic Chemistry</i> , 2020, 59, 1453-1460.	1.9	16
8	Ultrafast and Controlled Ring-Opening Polymerization with Sterically Hindered Strong Bases. <i>Macromolecules</i> , 2020, 53, 9000-9007.	2.2	9
9	Condensing water vapor to droplets generates hydrogen peroxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30934-30941.	3.3	104
10	Electroreduction of Benzaldehyde with a Metal–Ligand Bifunctional Hydroxycyclopentadienyl Molybdenum(II) Hydride. <i>Organometallics</i> , 2020, 39, 4415-4419.	1.1	11
11	Mechanistic Study of Isotactic Poly(propylene oxide) Synthesis using a Tethered Bimetallic Chromium Salen Catalyst. <i>ACS Catalysis</i> , 2020, 10, 8960-8967.	5.5	13
12	Charge-altering releasable transporters enable phenotypic manipulation of natural killer cells for cancer immunotherapy. <i>Blood Advances</i> , 2020, 4, 4244-4255.	2.5	32
13	Electrochemically Regenerable Hydrogen Atom Acceptors: Mediators in Electrocatalytic Alcohol Oxidation Reactions. <i>ACS Catalysis</i> , 2020, 10, 11654-11662.	5.5	18
14	Electron-Rich Phenoxy Mediators Improve Thermodynamic Performance of Electrocatalytic Alcohol Oxidation with an Iridium Pincer Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 19368-19378.	6.6	35
15	Synthesis and mechanistic investigations of pH-responsive cationic poly(aminoester)s. <i>Chemical Science</i> , 2020, 11, 2951-2966.	3.7	26
16	Reactivity of NO <sub>2</sub> with Porous and Conductive Copper Azobispyridine Metallopolymers. <i>Inorganic Chemistry</i> , 2019, 58, 10856-10860.	1.9	4
17	Spontaneous generation of hydrogen peroxide from aqueous microdroplets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19294-19298.	3.3	287
18	Local Delivery of Ox40, Cd80, and Cd86 mRNA Kindles Global Anticancer Immunity. <i>Cancer Research</i> , 2019, 79, 1624-1634.	0.4	85

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19	Dual catalysis for the copolymerisation of epoxides and lactones. <i>Chemical Communications</i> , 2019, 55, 6914-6917.	2.2	19
20	Programmable High-Throughput Platform for the Rapid and Scalable Synthesis of Polyester and Polycarbonate Libraries. <i>Journal of the American Chemical Society</i> , 2019, 141, 8921-8927.	6.6	68
21	Effect of Redox Active Ligands on the Electrochemical Properties of Manganese Tricarbonyl Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 7453-7465.	1.9	12
22	Oligo(serine ester) Charge-Altering Releasable Transporters: Organocatalytic Ring-Opening Polymerization and their Use for <i>in Vitro</i> and <i>in Vivo</i> mRNA Delivery. <i>Journal of the American Chemical Society</i> , 2019, 141, 8416-8421.	6.6	61
23	Block copolymer composition drives function of self-assembled nanoparticles for delivery of small-molecule cargo. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1322-1332.	2.5	21
24	Mechanistic Study of Ruthenium-Catalyzed C-H Hydroxylation Reveals an Unexpected Pathway for Catalyst Arrest. <i>Journal of the American Chemical Society</i> , 2019, 141, 972-980.	6.6	20
25	X-ray Absorption Spectroscopy and Theoretical Investigation of the Reductive Protonation of Cyclopentadienyl Cobalt Compounds. <i>Inorganic Chemistry</i> , 2019, 58, 1167-1176.	1.9	0
26	Transfer Hydrogenation of Aldehydes, Allylic Alcohols, Ketones, and Imines Using Molybdenum Cyclopentadienone Complexes. <i>Organometallics</i> , 2018, 37, 1428-1431.	1.1	26
27	Organic Ring-Opening Polymerization Catalysts: Reactivity Control by Balancing Acidity. <i>Macromolecules</i> , 2018, 51, 2932-2938.	2.2	110
28	Functional DNA Delivery Enabled by Lipid-Modified Charge-Altering Releasable Transporters (CARTs). <i>Biomacromolecules</i> , 2018, 19, 2812-2824.	2.6	29
29	Catalysis as an Enabling Science for Sustainable Polymers. <i>Chemical Reviews</i> , 2018, 118, 839-885.	23.0	669
30	Biodegradation of polystyrene wastes in yellow mealworms (larvae of <i>Tenebrio molitor</i> Linnaeus): Factors affecting biodegradation rates and the ability of polystyrene-fed larvae to complete their life cycle. <i>Chemosphere</i> , 2018, 191, 979-989.	4.2	168
31	Pd-Catalyzed Aerobic Oxidation Reactions: Strategies To Increase Catalyst Lifetimes. <i>Journal of the American Chemical Society</i> , 2018, 140, 748-757.	6.6	39
32	Delivery of Inorganic Polyphosphate into Cells Using Amphipathic Oligocarbonate Transporters. <i>ACS Central Science</i> , 2018, 4, 1394-1402.	5.3	15
33	Protonation of a Cobalt Phenylazopyridine Complex at the Ligand Yields a Proton, Hydride, and Hydrogen Atom Transfer Reagent. <i>Journal of the American Chemical Society</i> , 2018, 140, 13233-13241.	6.6	18
34	Synthesis, Characterization, and Reactivity of Hydroxycyclopentadienyl Cobalt Complexes. <i>Organometallics</i> , 2018, 37, 3298-3302.	1.1	1
35	Carving Out Pores in Redox-Active One-Dimensional Coordination Polymers. <i>Angewandte Chemie</i> , 2018, 130, 14793-14796.	1.6	2
36	Carving Out Pores in Redox-Active One-Dimensional Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14585-14588.	7.2	8

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37	mRNA vaccination with charge-altering releasable transporters elicits human T cell responses and cures established tumors in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9153-E9161.	3.3	92
38	Ligand-Induced Reductive Elimination of Ethane from Azopyridine Palladium Dimethyl Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 11408-11415.	6.6	15
39	Ubiquity of polystyrene digestion and biodegradation within yellow mealworms, larvae of <i>Tenebrio molitor</i> Linnaeus (Coleoptera: Tenebrionidae). <i>Chemosphere</i> , 2018, 212, 262-271.	4.2	130
40	Enhanced mRNA delivery into lymphocytes enabled by lipid-varied libraries of charge-altering releasable transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5859-E5866.	3.3	162
41	Urea Anions: Simple, Fast, and Selective Catalysts for Ring-Opening Polymerizations. <i>Journal of the American Chemical Society</i> , 2017, 139, 1645-1652.	6.6	214
42	Charge-altering releasable transporters (CARTs) for the delivery and release of mRNA in living animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E448-E456.	3.3	207
43	1,2-Dithiolane-Derived Dynamic, Covalent Materials: Cooperative Self-Assembly and Reversible Cross-Linking. <i>Journal of the American Chemical Society</i> , 2017, 139, 3822-3833.	6.6	174
44	Multielectron Transfer at Cobalt: Influence of the Phenylazopyridine Ligand. <i>Journal of the American Chemical Society</i> , 2017, 139, 4540-4550.	6.6	34
45	Recent progress on the synthesis of cyclic polymers via ring expansion strategies. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2892-2902.	2.5	117
46	Cyclopentadienyl Cobalt Complexes as Precatalysts for Electrocatalytic Hydrogen Evolution. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2755-2761.	1.0	13
47	Electrocatalytic Alcohol Oxidation with Ruthenium Transfer Hydrogenation Catalysts. <i>Journal of the American Chemical Society</i> , 2017, 139, 738-748.	6.6	48
48	Formation of Polymeric Nanocubes by Self-Assembly and Crystallization of Dithiolane-Containing Triblock Copolymers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16357-16362.	7.2	29
49	Mechanism of Catalytic Oxidation of Styrenes with Hydrogen Peroxide in the Presence of Cationic Palladium(II) Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 12495-12503.	6.6	49
50	Formation of Polymeric Nanocubes by Self-Assembly and Crystallization of Dithiolane-Containing Triblock Copolymers. <i>Angewandte Chemie</i> , 2017, 129, 16575-16580.	1.6	7
51	Expanding the range of polyhydroxyalkanoates synthesized by methanotrophic bacteria through the utilization of omega-hydroxyalkanoate co-substrates. <i>AMB Express</i> , 2017, 7, 118.	1.4	55
52	Zwitterionic Ring-Opening Polymerization of N-Substituted Eight-Membered Cyclic Carbonates to Generate Cyclic Poly(carbonate)s. <i>ACS Macro Letters</i> , 2016, 5, 1162-1166.	2.3	36
53	Poly(hydroxyalkanoate)s from Waste Biomass: A Combined Chemical-Biological Approach. <i>ChemistrySelect</i> , 2016, 1, 2327-2331.	0.7	14
54	Catalytic Carbonylative Spirolactonization of Hydroxycyclopropanols. <i>Journal of the American Chemical Society</i> , 2016, 138, 10693-10699.	6.6	97

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55	Fast and selective ring-opening polymerizations by alkoxides and thioureas. <i>Nature Chemistry</i> , 2016, 8, 1047-1053.	6.6	224
56	Reversible Electropolymerization of Nickel Complexes Based on Redox-Mediated Ligand Exchange. <i>ChemistrySelect</i> , 2016, 1, 3491-3496.	0.7	3
57	Selective Catalytic Oxidation of Unprotected Carbohydrates. <i>ACS Catalysis</i> , 2016, 6, 4653-4659.	5.5	53
58	Methane or methanol-oxidation dependent synthesis of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by obligate type II methanotrophs. <i>Process Biochemistry</i> , 2016, 51, 561-567.	1.8	49
59	Experimental and Theoretical Study of CO <sub>2</sub> Insertion into Ruthenium Hydride Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 1623-1632.	1.9	42
60	Cell-Penetrating, Guanidinium-Rich Oligophosphoesters: Effective and Versatile Molecular Transporters for Drug and Probe Delivery. <i>Journal of the American Chemical Society</i> , 2016, 138, 3510-3517.	6.6	96
61	Bioorthogonal Catalysis: A General Method To Evaluate Metal-Catalyzed Reactions in Real Time in Living Systems Using a Cellular Luciferase Reporter System. <i>Bioconjugate Chemistry</i> , 2016, 27, 376-382.	1.8	58
62	Ion pairing effects in the zwitterionic ring opening polymerization of $\epsilon$ -valerolactone. <i>Polymer Chemistry</i> , 2015, 6, 5212-5218.	1.9	35
63	Cyclopropenimine Superbases: Competitive Initiation Processes in Lactide Polymerization. <i>ACS Macro Letters</i> , 2015, 4, 853-856.	2.3	40
64	Structurally Dynamic Hydrogels Derived from 1,2-Dithiolanes. <i>Journal of the American Chemical Society</i> , 2015, 137, 5650-5653.	6.6	135
65	N-Heterocyclic Carbene-Catalyzed Ring Opening Polymerization of $\epsilon$ -Caprolactone with and without Alcohol Initiators: Insights from Theory and Experiment. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5728-5737.	1.2	38
66	Catalytic Dimerization of Crotonates. <i>ACS Catalysis</i> , 2015, 5, 5328-5332.	5.5	28
67	Catalytic Role of Multinuclear Palladium-Oxygen Intermediates in Aerobic Oxidation Followed by Hydrogen Peroxide Disproportionation. <i>Journal of the American Chemical Society</i> , 2015, 137, 13632-13646.	6.6	49
68	A Simple and Facile Approach to Aliphatic <i>N</i> -Substituted Functional Eight-Membered Cyclic Carbonates and Their Organocatalytic Polymerization. <i>Journal of the American Chemical Society</i> , 2015, 137, 13851-13860.	6.6	81
69	Electrooxidation of Alcohols with Electrode-Supported Transfer Hydrogenation Catalysts. <i>ACS Catalysis</i> , 2015, 5, 7343-7349.	5.5	10
70	Organocatalytic Ring-Opening Polymerization of Trimethylene Carbonate To Yield a Biodegradable Polycarbonate. <i>Journal of Chemical Education</i> , 2015, 92, 708-713.	1.1	27
71	Trinuclear Pd <sub>3</sub> O <sub>2</sub> Intermediate in Aerobic Oxidation Catalysis. <i>Angewandte Chemie</i> , 2014, 126, 5754-5758.	1.6	9
72	Synthesis and Topological Trapping of Cyclic Poly(alkylene phosphates). <i>Macromolecules</i> , 2014, 47, 8224-8230.	2.2	52

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73	Zwitterionic Ring Opening Polymerization with Isothioureas. <i>ACS Macro Letters</i> , 2014, 3, 1024-1028.	2.3	59
74	Titanium Bis(amidates) Bearing Electron Donating Pendant Arms as Catalysts for Stereospecific Polymerization of Propylene. <i>Organometallics</i> , 2014, 33, 840-843.	1.1	15
75	Trinuclear Pd <sub>3</sub> O <sub>2</sub> Intermediate in Aerobic Oxidation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5648-5652.	7.2	37
76	Experimental and Computational Studies on the Mechanism of Zwitterionic Ring-Opening Polymerization of $\delta$ -Valerolactone with N-Heterocyclic Carbenes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 6553-6560.	1.2	57
77	Disassembly and reassembly of polyhydroxyalkanoates: Recycling through abiotic depolymerization and biotic repolymerization. <i>Bioresource Technology</i> , 2014, 170, 167-174.	4.8	39
78	Zwitterionic Ring-Opening Polymerization: Models for Kinetics of Cyclic Poly( $\epsilon$ -caprolactone) Synthesis. <i>Macromolecules</i> , 2014, 47, 2955-2963.	2.2	63
79	Organocatalytic Ring-Opening Polymerization of Morpholinones: New Strategies to Functionalized Polyesters. <i>Journal of the American Chemical Society</i> , 2014, 136, 9252-9255.	6.6	61
80	Chemoselective Oxidation of Polyols with Chiral Palladium Catalysts. <i>Organometallics</i> , 2013, 32, 2257-2266.	1.1	30
81	Zwitterionic Polymerization to Generate High Molecular Weight Cyclic Poly(Carbosiloxane)s. <i>Journal of the American Chemical Society</i> , 2013, 135, 18738-18741.	6.6	90
82	A Renewable Lignin-Lactide Copolymer and Application in Biobased Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1231-1238.	3.2	282
83	Octahedral Group IV Bis(phenolate) Catalysts for 1-Hexene Homopolymerization and Ethylene/1-Hexene Copolymerization. <i>Macromolecules</i> , 2013, 46, 2569-2575.	2.2	27
84	Polymerizing Base Sensitive Cyclic Carbonates Using Acid Catalysis. <i>ACS Macro Letters</i> , 2013, 2, 306-312.	2.3	83
85	Zwitterionic Ring-Opening Polymerization for the Synthesis of High Molecular Weight Cyclic Polymers. <i>Accounts of Chemical Research</i> , 2013, 46, 2585-2596.	7.6	226
86	Chemoselective Pd-Catalyzed Oxidation of Polyols: Synthetic Scope and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 7593-7602.	6.6	91
87	Electrooxidation of Alcohols Catalyzed by Amino Alcohol Ligated Ruthenium Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 14299-14305.	6.6	42
88	Transient Ru-methyl formate intermediates generated with bifunctional transfer hydrogenation catalysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2246-2250.	3.3	62
89	Designed guanidinium-rich amphipathic oligocarbonate molecular transporters complex, deliver and release siRNA in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13171-13176.	3.3	107
90	Amidine-Mediated Zwitterionic Polymerization of Lactide. <i>ACS Macro Letters</i> , 2012, 1, 1113-1115.	2.3	136

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91	Stereocomplexation in Cyclic and Linear Polylactide Blends. <i>Macromolecules</i> , 2012, 45, 595-598.	2.2	76
92	Semicrystalline Dihydroxyacetone Copolymers Derived from Glycerol. <i>Macromolecules</i> , 2012, 45, 9275-9281.	2.2	30
93	Organocatalytic Synthesis of Quinine-Functionalized Poly(carbonate)s. <i>Biomacromolecules</i> , 2012, 13, 2483-2489.	2.6	36
94	Facile Synthesis of Functionalized Lactones and Organocatalytic Ring-Opening Polymerization. <i>ACS Macro Letters</i> , 2012, 1, 845-847.	2.3	54
95	Stereoselective and regioselective propylene polymerization with group 4 bisphenolate ether complexes. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2604-2611.	2.5	13
96	Polycondensation of Butenediol: Synthesis of Telechelic 2-Butene-1,4-diol Oligomers. <i>Journal of the American Chemical Society</i> , 2011, 133, 16390-16393.	6.6	17
97	Oxidatively Resistant Ligands for Palladium-Catalyzed Aerobic Alcohol Oxidation. <i>Organometallics</i> , 2011, 30, 1445-1453.	1.1	42
98	Crystallization of Cyclic Polymers: Synthesis and Crystallization Behavior of High Molecular Weight Cyclic Poly( $\epsilon$ -caprolactone)s. <i>Macromolecules</i> , 2011, 44, 2773-2779.	2.2	162
99	Organocatalytic depolymerization of poly(ethylene terephthalate). <i>Journal of Polymer Science Part A</i> , 2011, 49, 1273-1281.	2.5	172
100	Palladium-Catalyzed Carbonylation of Diols to Cyclic Carbonates. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3007-3013.	2.1	35
101	Synthesis and Structural Diversity of Mono-, Di- and Trinuclear Complexes with $\text{N}(\text{C}_6\text{H}_5)_2\text{N}(\text{C}_6\text{H}_4)_2\text{N}(\text{C}_6\text{H}_5)_2$ and $\text{N}(\text{C}_6\text{H}_5)_2\text{N}(\text{C}_6\text{H}_4)_2\text{N}(\text{C}_6\text{H}_5)_2$ with $\text{Bis}[(2\text{-di}i\text{-phenylphosphanyl})\text{phenyl}]\text{formamidine}$ . <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4256-4261.	1.0	13
102	Zwitterionic Copolymerization: Synthesis of Cyclic Gradient Copolymers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6388-6391.	7.2	138
103	Thermoresponsive nanostructured polycarbonate block copolymers as biodegradable therapeutic delivery carriers. <i>Biomaterials</i> , 2011, 32, 5505-5514.	5.7	102
104	Selective Catalytic Oxidation of Glycerol to Dihydroxyacetone. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9456-9459.	7.2	136
105	Stereospecific styrene polymerization and ethylene-styrene copolymerization with titanocenes containing a pendant amine donor. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1579-1585.	2.5	14
106	Selective Ethylene Oligomerization in the Presence of $\text{ZnR}_2$ : Synthesis of Terminally-Functionalized Ethylene Oligomers. <i>Organometallics</i> , 2010, 29, 3515-3520.	1.1	16
107	Lithium Furyl and Pyridyl Amidinates as Building Blocks in Coordination Polymers, Ladder and Cage Structures. <i>Inorganic Chemistry</i> , 2010, 49, 1220-1229.	1.9	31
108	Acyclic Guanidines as Organic Catalysts for Living Polymerization of Lactide. <i>Macromolecules</i> , 2010, 43, 1660-1664.	2.2	74



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109	Kinetics of an Air- and Water-Stable Ruthenium(IV) Catalyst for the Deprotection of Allyl Alcohol in Water. <i>Organometallics</i> , 2010, 29, 6051-6056.	1.1	14
110	Stereospecific Octahedral Group 4 Bis(phenolate) Ether Complexes for Olefin Polymerization. <i>Journal of the American Chemical Society</i> , 2010, 132, 5566-5567.	6.6	51
111	Organocatalysis: Opportunities and Challenges for Polymer Synthesis. <i>Macromolecules</i> , 2010, 43, 2093-2107.	2.2	793
112	The Depolymerization of Poly(ethylene terephthalate) (PET) Using N-Heterocyclic Carbenes from Ionic Liquids. <i>Journal of Chemical Education</i> , 2010, 87, 519-521.	1.1	43
113	Mono- and bis-amidinate 2,6-xylylimido vanadium chlorides: synthesis, structure, and reactivity. <i>Dalton Transactions</i> , 2010, 39, 5643.	1.6	8
114	Chemoselectivity Diversity in the Reaction of $\text{LiNC}_6\text{F}_5\text{SiMe}_3$ with Nitriles and the Synthesis, Structure, and Reactivity of Zirconium Mono- and Tris[2-(2-pyridyl)tetrafluorobenzimidazolate] Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 9217-9229.	1.9	19
115	Hierarchical Supramolecular Structures for Sustained Drug Release. <i>Small</i> , 2009, 5, 1504-1507.	5.2	49
116	Mechanistic Studies of the Oxidative Dehydrogenation of Methanol Using a Cationic Palladium Complex. <i>Organometallics</i> , 2009, 28, 3896-3900.	1.1	28
117	Simple Approach to Stabilized Micelles Employing Miktoarm Terpolymers and Stereocomplexes with Application in Paclitaxel Delivery. <i>Biomacromolecules</i> , 2009, 10, 1460-1468.	2.6	111
118	Zwitterionic Polymerization: A Kinetic Strategy for the Controlled Synthesis of Cyclic Polylactide. <i>Journal of the American Chemical Society</i> , 2009, 131, 4884-4891.	6.6	200
119	Oligocarbonate Molecular Transporters: Oligomerization-Based Syntheses and Cell-Penetrating Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 16401-16403.	6.6	112
120	N-Heterocyclic Carbenes for the Organocatalytic Ring-Opening Polymerization of $\epsilon$ -Caprolactone. <i>Macromolecules</i> , 2009, 42, 1634-1639.	2.2	158
121	Mixed Micelle Formation through Stereocomplexation between Enantiomeric Poly(lactide) Block Copolymers. <i>Macromolecules</i> , 2009, 42, 25-29.	2.2	113
122	Cyclic Guanidine Organic Catalysts: What Is Magic About Triazabicyclodecene?. <i>Journal of Organic Chemistry</i> , 2009, 74, 9490-9496.	1.7	175
123	Propylene Polymerization with Cyclopentadienyltitanium(IV) Hydroxylaminate Complexes. <i>Organometallics</i> , 2009, 28, 405-412.	1.1	19
124	Application of Block Copolymer Supramolecular Assembly for the Fabrication of Complex $\text{TiO}_2$ Nanostructures. <i>Small</i> , 2008, 4, 2162-2165.	5.2	11
125	Copolymerization behavior of titanium imidazolinato complexes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6064-6070.	2.5	45
126	The Reaction Mechanism for the Organocatalytic Ring-Opening Polymerization of Lactide Using a Guanidine-Based Catalyst: Hydrogen-Bonded or Covalently Bound?. <i>Journal of the American Chemical Society</i> , 2008, 130, 6749-6754.	6.6	230



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127	Hierarchical Assembly of Nanostructured Organosilicate Networks via Stereocomplexation of Block Copolymers. <i>Nano Letters</i> , 2008, 8, 294-301.	4.5	41
128	Organocatalytic Approach to Amphiphilic Comb-Block Copolymers Capable of Stereocomplexation and Self-Assembly. <i>Biomacromolecules</i> , 2008, 9, 3051-3056.	2.6	99
129	Tagging alcohols with cyclic carbonate: a versatile equivalent of (meth)acrylate for ring-opening polymerization. <i>Chemical Communications</i> , 2008, , 114-116.	2.2	213
130	New bimetallic complexes of late transition metals involving pyrazole-bridged bis N-heterocyclic carbene ligands. <i>Dalton Transactions</i> , 2008, , 437-439.	1.6	39
131	Structure-Activity Relationships of Amido-Pyridine-Supported Rare-Earth-Metal Alkyl Complexes. <i>Organometallics</i> , 2008, 27, 4310-4317.	1.1	43
132	Copolymerization of Styrene and Ethylene at High Temperature with Titanocenes Containing a Pendant Amine Donor. <i>Macromolecules</i> , 2008, 41, 9663-9668.	2.2	17
133	Group Transfer Polymerization of Acrylates Catalyzed by N-Heterocyclic Carbenes. <i>Macromolecules</i> , 2008, 41, 7399-7404.	2.2	112
134	Synthesis of Biomimetic Poly(hydroxybutyrate): Alkoxy- and Carboxytriazolines as Latent Ionic Initiator. <i>Macromolecules</i> , 2007, 40, 8560-8567.	2.2	37
135	Organocatalytic Ring Opening Polymerization of Trimethylene Carbonate. <i>Biomacromolecules</i> , 2007, 8, 153-160.	2.6	302
136	N-Alkoxyimidazolylidene Transition-Metal Complexes: Application to [5+2] and [4+2] Cycloaddition Reactions. <i>Organometallics</i> , 2007, 26, 4541-4545.	1.1	43
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268	Synthesis of Diblock Polyolefin and Polyester Copolymers Using Zirconium and Aluminum Catalysts. <i>Macromolecules</i> , 1994, 27, 2313-2315.	2.2	27
269	Crystal structures of (̂-5-C5Me5)(̂-5-2,4-C7H11)Cr and (̂-5-C5Me5)-(̂-5-2,4-C7H11)CrCO. An example of $\eta^5$ -S $\hat{a}$ <sup>TM</sup> 2,4-dimethylpentadienyl ligand geometry. <i>Inorganica Chimica Acta</i> , 1993, 203, 179-183.	1.2	8
270	Enantioselective cyclopolymerization of 1,5-hexadiene catalyzed by chiral zirconocenes: a novel strategy for the synthesis of optically active polymers with chirality in the main chain. <i>Journal of the American Chemical Society</i> , 1993, 115, 91-98.	6.6	260

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271	Homogeneous Ziegler-Natta polymerization of functionalized monomers catalyzed by cationic Group IV metallocenes. <i>Journal of the American Chemical Society</i> , 1992, 114, 9679-9680.	6.6	215
272	Chain transfer to aluminum in the homogeneous cyclopolymerization of 1,5-hexadiene. <i>Macromolecules</i> , 1992, 25, 2282-2284.	2.2	92
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