Wen-Xiong Zhang

List of Publications by Year
in descending order

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149	5,336	81743	106150
papers	citations	39 h-index	65 g-index

163	163	163	3258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dinitrogen Functionalization Affording Structurally Well-Defined Cobalt Diazenido Complexes. CCS Chemistry, 2022, 4, 532-539.	4.6	12
2	Phosphafluorenyl lithiums: direct synthesis from white phosphorus, structure and diversified synthons. Science China Chemistry, 2022, 65, 322-327.	4.2	18
3	Direct functionalization of white phosphorus by organolithium reagents to organophosphorus compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 398-407.	0.8	13
4	Synthesis, structure, and bonding of spiro rare-earth metallacyclopent-3-enes via the reduction of metallacyclopentadienes. Cell Reports Physical Science, 2022, 3, 100831.	2.8	9
5	Synthesis and Reactivity of Side-Arm Phosphine Functionalized Amidinatosilylene- and Amidinatogermylene-Supported Nickel(0) Complexes. Organometallics, 2021, 40, 310-313.	1.1	9
6	Synthesis, Structure, and Magnetic Properties of Rare-Earth Bis(diazabutadiene) Diradical Complexes. Inorganic Chemistry, 2021, 60, 1315-1319.	1.9	10
7	Dinitrogen Activation of Cyclopentadienyl-Phosphineâ€“Iron Complexes of Three Different Valences. CCS Chemistry, 2021, 3, 308-316.	4.6	22
8	A tris-spiro metalla-aromatic system featuring Craig-MÃ¶bius aromaticity. Nature Communications, 2021, 12, 1319.	5.8	35
9	Metalla-aromatics: Planar, Nonplanar, and Spiro. Accounts of Chemical Research, 2021, 54, 2323-2333.	7.6	43
10	Selective Coupling of Lanthanide Metallacyclopropenes and Nitriles via Azametallacyclopentadiene and Î·²-Pyrimidine Metallacycle. Journal of the American Chemical Society, 2021, 143, 9151-9161.	6.6	24
11	Transition-metal-catalyzed transformations of Câ€“N single bonds: Advances in the last five years, challenges and prospects. Green Synthesis and Catalysis, 2021, 2, 87-122.	3.7	39
12	Rare-Earth Metal Boroxide with Formal Triple Metalâ€“Oxygen Orbital Interaction: Synthesis from B(C) Tj ETQq0 0 0 rgBT /Overlock 10 T Metal Amides. CCS Chemistry, 2021, 3, 2772-2781.	4.6	5
13	Insertion Chemistry of Lutetacyclopropene toward Unsaturated Câ^'O/Câ^'N Bonds. Chemistry - A European Journal, 2021, 27, 16498-16504.	1.7	9
14	Reactivity of Lutetacyclopropene toward Benzyl, Benzoyl, and Trimethylsilyl Nitriles Affording Diversified Lutetium Complexes. Organometallics, 2021, 40, 3992-3998.	1.1	6
15	Carbodiimide-based synthesis of N-heterocycles: moving from two classical reactive sites to chemical bond breaking/forming reaction. Chemical Society Reviews, 2020, 49, 5810-5849.	18.7	76
16	Butadienyl Diiron Complexes: Nonplanar Metallaâ€Aromatics Involving Ïƒâ€Type Orbital Overlap. Angewandte Chemie - International Edition, 2020, 59, 19048-19053.	7.2	17
17	Inverse-Sandwich Cyclobutadiene Dinickel Complexes: Synthesis and Structural Characterization. Bulletin of the Chemical Society of Japan, 2020, 93, 1314-1318.	2.0	2
18	Outlook of nitrogen fixation by carbene. Tetrahedron, 2020, 76, 131703.	1.0	12

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19	Cyclic Bisâ€alkylidene Complexes of Titanium and Zirconium: Synthesis, Characterization, and Reaction. Chemistry - A European Journal, 2020, 26, 16472-16479.	1.7	4
20	Frustrated Lewis Pairs: Discovery and Overviews in Catalysis. Chinese Journal of Chemistry, 2020, 38, 1360-1370.	2.6	49
21	2-Butene Tetraanion Bridged Dinuclear Samarium(III) Complexes via Sm(II)-Mediated Reduction of Electron-Rich Olefins. Journal of the American Chemical Society, 2020, 142, 10705-10714.	6.6	25
22	Molecular Complexes of Emerging Tetravalent Rareâ€Earth Metals. Chinese Journal of Chemistry, 2020, 38, 1449-1450.	2.6	5
23	Dinickelaferrocene: A Ferrocene Analogue with Two Aromatic Nickeloles Realized by Electron Backâ€Donation from Iron. Angewandte Chemie - International Edition, 2020, 59, 14394-14398.	7.2	10
24	Trishomoaromatic (B 3 N 3 Ph 6) Dianion: Characterization and Twoâ€Electron Reduction. Angewandte Chemie, 2020, 132, 8953-8957.	1.6	4
25	Trishomoaromatic (B₃N₃Ph₆) Dianion: Characterization and Twoâ€Electron Reduction. Angewandte Chemie - International Edition, 2020, 59, 8868-8872.	7.2	10
26	Mono- and Bis-Titanium Complexes Bridged by 2-Butene Tetraanion: Synthesis and Structural Characterization. Organometallics, 2020, 39, 793-796.	1.1	8
27	Direct transformation of dinitrogen: synthesis of N-containing organic compounds via Nâ€'C bond formation. National Science Review, 2020, 7, 1564-1583.	4.6	114
28	Fragmentation Mechanism of White Phosphorus: A Theoretical Insight into Multiple Cleavage/Formation of Pâ€'P and Pâ€'C Bonds. Chemistry - A European Journal, 2020, 26, 13282-13287.	1.7	13
29	Tetralithio Metallaâ€aromatics with Two Independent Perpendicular Dilithio Aromatic Rings Spiroâ€fused by One Manganese Atom. Angewandte Chemie, 2019, 131, 9727-9733.	1.6	9
30	Synthesis and reactivity of asymmetric Cr(<scp>i</scp>) dinitrogen complexes supported by cyclopentadienylâ€"phosphine ligands. Chemical Communications, 2019, 55, 9641-9644.	2.2	24
31	Reversible Two-Electron Redox Reactions Involving Tetralithio/Dilithio Palladole, Platinacycle, and Dicupra[10]annulene. Organometallics, 2019, 38, 2807-2811.	1.1	7
32	Synthesis and characterization of manganese(<scp>ii</scp>) complexes supported by cyclopentadienyl-phosphine ligands. Inorganic Chemistry Frontiers, 2019, 6, 428-433.	3.0	12
33	Isolation and Characterization of Four Phosphorus Cluster Anions P₇^{3â€"}, P₁₄^{4â€"}, P₁₆^{2â€"} and P₂₆^{4â€"} from the Nucleophilic Functionalization of White Phosphorus with 1,4â€Dilithioâ€1,3â€butadienes. Chinese Journal of Chemistry, 2019, 37, 71-75.	2.6	16
34	Indacyclopentadienes and Aromatic Indacyclopentadienyl Dianions: Synthesis and Characterization. Chemistry - A European Journal, 2019, 25, 4218-4224.	1.7	19
35	Alkaline-earth metallacyclic complexes bearing a diborane-bridged tetraamide ligand: synthesis, structure and fluorescence property. Dalton Transactions, 2019, 48, 9067-9071.	1.6	2
36	Scandium-Promoted Direct Conversion of Dinitrogen into Hydrazine Derivatives via Nâ€"C Bond Formation. Journal of the American Chemical Society, 2019, 141, 8773-8777.	6.6	80

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37	Tetralithio Metallaâ€aromatics with Two Independent Perpendicular Dilithio Aromatic Rings Spiroâ€fused by One Manganese Atom. Angewandte Chemie - International Edition, 2019, 58, 9625-9631.	7.2	33
38	Dilithio Spiro Zincacyclopentadienes and Dizinca[10]cycles: Synthesis and Structural Characterization. Organometallics, 2019, 38, 2174-2178.	1.1	8
39	Direct Functionalization of White Phosphorus to Cyclotetraphosphanes: Selective Formation of Four Pâ€“C Bonds. Journal of the American Chemical Society, 2019, 141, 6843-6847.	6.6	37
40	Dinitrogen Functionalization Affording Chromium Hydrazido Complex. Journal of the American Chemical Society, 2019, 141, 4241-4247.	6.6	88
41	Well-Defined Scandacyclopropenes: Synthesis, Structure, and Reactivity. Journal of the American Chemical Society, 2019, 141, 20547-20555.	6.6	40
42	Selective reduction of 1,5-diazacyclooctatetraenes: synthesis and structures of aromatic diazacyclooctatetraenyl dianions and a 2,6-bipyrrolinyl dianionic Co(<scp>ii</scp>) complex. Chemical Communications, 2019, 55, 2648-2651.	2.2	1
43	Isolation and Characterization of a Trinuclear Rare-Earth Metal Complex Containing a Bicyclo[3.1.0]-P₆⁴⁻ Ligand. Chinese Journal of Organic Chemistry, 2019, 39, 2338.	0.6	20
44	Correction: Metallacyclopentadienes: synthesis, structure and reactivity. Chemical Society Reviews, 2018, 47, 2217-2217.	18.7	1
45	Formation of a Hexanuclear Octatetraenyl Organocopper(I) Aggregate via Oxidation of Spiro Butadienyl Organocuprate. Organometallics, 2018, 37, 845-847.	1.1	7
46	Selective Transformation of Wellâ€Defined Alkenyllithiums to Alkenylmagnesiums via Transmetalation. Chemistry - A European Journal, 2018, 24, 3186-3191.	1.7	9
47	Lewis Acid-Promoted Ring-Contraction of 2,4,6,8-Tetrasubstituted 1,5-Diazacyclooctatetraenes to 2,4,6-Trisubstituted Pyridines. Organic Letters, 2018, 20, 485-488.	2.4	11
48	Well-defined styryl and biphenyl calcium complexes from dilithio compounds and calcium iodide: synthesis, structure and reactivity toward nitrous oxide. Dalton Transactions, 2018, 47, 12540-12545.	1.6	8
49	Rhodium-catalyzed intramolecular carbosilylation of alkynes via C(sp³)â€“Si bond cleavage. Organic Chemistry Frontiers, 2018, 5, 860-863.	2.3	17
50	The aromatic dianion metalloles. Chemical Science, 2018, 9, 560-568.	3.7	100
51	Frontispiece: Alkenyl Magnesium Compounds: Generation and Synthetic Application. Chemistry - A European Journal, 2018, 24, .	1.7	0
52	Cyclobutadiene Sandwich Complexes of Nickel and Iron from Cyclization of 1,3-Butadiene Dianions: Synthesis and Structural Characterization. Organometallics, 2018, 37, 4100-4104.	1.1	11
53	Diversified Aggregation States of Phospholyl Lithiums. Organometallics, 2018, 37, 2018-2022.	1.1	19
54	Alkenyl Magnesium Compounds: Generation and Synthetic Application. Chemistry - A European Journal, 2018, 24, 19122-19135.	1.7	16

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55	Metallacyclopentadienes: synthesis, structure and reactivity. Chemical Society Reviews, 2017, 46, 1160-1192.	18.7	134
56	Synthesis of Quinoline Derivatives via Cu-Catalyzed Cascade Annulation of Heterocumulenes, Alkynes, and Diaryliodonium Salts. Organic Letters, 2017, 19, 2694-2697.	2.4	27
57	CuOTfâ€Catalyzed Selective Generation of 2â€Aminopyrimidines from Carbodiimides and Diaryliodonium Salts by a Triple C(sp³)â^'H Functionalization. Chemistry - A European Journal, 2017, 23, 757-761.	1.7	7
58	Synthesis and Structural Characterization of Butadienylcalciumâ€based Heavy Grignard Reagents and a Ca₄[O] Inverse Crown Ether Complex. Angewandte Chemie - International Edition, 2017, 56, 9188-9192.	7.2	19
59	Synthesis of dibromo- and tetrabromo-bipyrrolines and their corresponding 2,6-diazasemibullvalene derivatives. Organic Chemistry Frontiers, 2017, 4, 1785-1788.	2.3	4
60	Spiro Metalla-aromatics of Pd, Pt, and Rh: Synthesis and Characterization. Journal of the American Chemical Society, 2017, 139, 5039-5042.	6.6	79
61	Formation of Cyclopenta[c]pyridine Derivatives from 2,5-Disubstituted Pyrroles and 1,4-Dibromo-1,3-butadienes via Pyrrole-Ring One-Carbon Expansion. Organic Letters, 2017, 19, 138-141.	2.4	12
62	Organocopper(III) Spiro Complexes: Synthesis, Structural Characterization, and Redox Transformation. Journal of the American Chemical Society, 2017, 139, 13688-13691.	6.6	56
63	Formation and ligand-based reductive chemistry of bridged bis-alkylidene scandium(<scp>iii</scp>) complexes. Chemical Science, 2017, 8, 6852-6856.	3.7	29
64	Aromatic Tetralithiodigalloles with a Gaâ€“Ga Bond: Synthesis and Structural Characterization. Organometallics, 2017, 36, 2982-2986.	1.1	30
65	Dual Functionalization of White Phosphorus: Formation, Characterization, and Reactivity of Rareâ€Earthâ€Metal Cycloâ€P₃ Complexes. Angewandte Chemie, 2017, 129, 16102-16106.	1.6	14
66	Dual Functionalization of White Phosphorus: Formation, Characterization, and Reactivity of Rareâ€Earthâ€Metal Cycloâ€P₃ Complexes. Angewandte Chemie - International Edition, 2017, 56, 15886-15890.	7.2	61
67	Synthesis and Structural Characterization of Butadienylcalciumâ€based Heavy Grignard Reagents and a Ca₄[O] Inverse Crown Ether Complex. Angewandte Chemie, 2017, 129, 9316-9320.	1.6	6
68	Direct Synthesis of Phospholyl Lithium from White Phosphorus. Angewandte Chemie - International Edition, 2016, 55, 9187-9190.	7.2	67
69	Direct Synthesis of Phospholyl Lithium from White Phosphorus. Angewandte Chemie, 2016, 128, 9333-9336.	1.6	16
70	Structure and Reaction Chemistry of Magnesium Organocuprates Derived from Magnesiacyclopentadienes and Copper(I) Salts. Angewandte Chemie - International Edition, 2016, 55, 14762-14765.	7.2	9
71	Structure and Reaction Chemistry of Magnesium Organocuprates Derived from Magnesiacyclopentadienes and Copper(I) Salts. Angewandte Chemie, 2016, 128, 14982-14985.	1.6	2
72	Calcium-Mediated Câ€“H and Câ€“F Bond Cleavage: Synthesis of Indenes and Perfluorodibenzopentalenes from 1,4-Dilithio-1,3-butadienes. Organometallics, 2016, 35, 1458-1463.	1.1	14

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73	Aromatic Dicupra[10]annulenes. Journal of the American Chemical Society, 2016, 138, 60-63.	6.6	74
74	Sandwich Lutetacyclopentadiene with the Coordination of Lithium to the Diene Unit: Synthesis, Structure, and Transformation. Organometallics, 2016, 35, 5-8.	1.1	21
75	Synthesis and Mechanistic Study of Cyclic Oxoguanidines via Zn(OTf)₂â€Catalyzed Guanylation/Amidation from Readily Available Amino Acid Esters and Carbodiimides. Chemistry - A European Journal, 2015, 21, 10369-10378.	1.7	17
76	Insertion/Rearrangement Reactivity of a Lutetacyclopentadiene towards N,Nâ€²â€Diphenylcarbodiimide: Cooperative Effect of the Metal Center, Concentration of LiCl, and Solvent. Chemistry - A European Journal, 2015, 21, 15860-15866.	1.7	26
77	1,3â€Butadienyl Dianions as Nonâ€Innocent Ligands: Synthesis and Characterization of Aromatic Dilithio Rhodacycles. Angewandte Chemie - International Edition, 2015, 54, 9986-9990.	7.2	49
78	Half-Sandwich Complexes of Dy^{III}: A Janus-Motif with Facile Tunability of Magnetism. Inorganic Chemistry, 2015, 54, 5162-5168.	1.9	42
79	Mechanistic Considerations of the Catalytic Guanylation Reaction of Amines with Carbodiimides for Guanidine Synthesis. Organometallics, 2015, 34, 1787-1801.	1.1	52
80	The First Lutetacyclopentadienes: Synthesis, Structure, and Diversified Insertion/Cï£¿H Activation Reactivity. Chemistry - A European Journal, 2015, 21, 6686-6689.	1.7	41
81	Dianions as Formal Oxidants: Synthesis and Characterization of Aromatic Dilithionickeloles from 1,4â€Dilithioâ€1,3â€butadienes and [Ni(cod)₂]. Angewandte Chemie - International Edition, 2015, 54, 5999-6002.	7.2	60
82	Half-sandwich rare-earth metal tris(alkyl) ate complexes catalyzed phosphaguanylation reaction of phosphines with carbodiimides: an efficient synthesis of phosphaguanidines. New Journal of Chemistry, 2015, 39, 7649-7655.	1.4	11
83	Semibullvalene and Diazasemibullvalene: Recent Advances in the Synthesis, Reaction Chemistry, and Synthetic Applications. Accounts of Chemical Research, 2015, 48, 1823-1831.	7.6	29
84	Synthesis, Structural Characterization, and Reactivity of a Fluorene-Based Calcium Oxycyclopentadienide Complex. Organometallics, 2015, 34, 1339-1344.	1.1	14
85	Transition-Metal-Catalyzed Cleavage of Câ€“N Single Bonds. Chemical Reviews, 2015, 115, 12045-12090.	23.0	547
86	Lithium Aluminate Complexes and Alumoles from 1,4-Dilithio-1,3-Butadienes and AlEt₂Cl. Inorganic Chemistry, 2015, 54, 10695-10700.	1.9	24
87	Cyclopentadiene-Phosphine/Palladium-Catalyzed Synthesis of Indolizines from Pyrrole and 1,4-Dibromo-1,3-butadienes. Organic Letters, 2015, 17, 5674-5677.	2.4	28
88	Reaction of Dilithio Reagents with PhSiH3: Formation of Siloles and 3-Silacyclopentenes. Journal of Organic Chemistry, 2015, 80, 8758-8762.	1.7	10
89	Recent development of synthetic preparation methods for guanidines via transition metal catalysis. Chemical Communications, 2015, 51, 254-265.	2.2	124
90	Mechanistic Insights into Nâ€”N Bond Cleavage in Catalytic Guanylation Reactions between 1,2-Diarylhydrazines and Carbodiimides. Journal of Organic Chemistry, 2014, 79, 12004-12009.	1.7	20

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91	Oxidant-Switchable Selective Synthesis of 2-Aminobenzimidazoles via Câ€“H Amination/Acetoxylation of Guanidines. Organic Letters, 2014, 16, 6274-6277.	2.4	48
92	Diastereoselective Nucleophilic Ringâ€Opening Reactions of 2,6â€Diazasemibullvalenes for the Synthesis of Diverse Functionalized Î”‹sup›1‹/sup›â€Bipyrroline Derivatives. Chemistry - A European Journal, 2014, 20, 9744-9752.	1.7	9
93	Magnesiacyclopentadienes as Alkalineâ€Earth Metallacyclopentadienes: Facile Synthesis, Structural Characterization, and Synthetic Application. Angewandte Chemie - International Edition, 2014, 53, 5634-5638.	7.2	52
94	Cleavage of the Cï£¾N Bond in Carbodiimides via Release of High Ring Strain: A New Strategy for the Selective Synthesis of 2â€Aminoaryl Alkynyl Imines. Chemistry - A European Journal, 2014, 20, 2463-2468.	1.7	34
95	Synthesis of semibullvalene derivatives via Co2(CO)8-mediated cyclodimerization of 1,4-dilithio-1,3-butadienes. Organic Chemistry Frontiers, 2014, 1, 130-134.	2.3	12
96	Substituent-Controlled Selective Synthesis of N-Acyl 2-Aminothiazoles by Intramolecular Zwitterion-Mediated Câ€“N Bond Cleavage. Journal of Organic Chemistry, 2014, 79, 11146-11154.	1.7	22
97	Organometallic intermediate-based organic synthesis: organo-di-lithio reagents and beyond. Organic Chemistry Frontiers, 2014, 1, 1132-1139.	2.3	37
98	Synthesis and applications of 1-iodo-4-MgCl-1,3-dienes and 1-iodovinyl phenylmagnesium chlorides. Organic Chemistry Frontiers, 2014, 1, 983-987.	2.3	7
99	Magnesiacyclopentadienes as Alkalineâ€Earth Metallacyclopentadienes: Facile Synthesis, Structural Characterization, and Synthetic Application. Angewandte Chemie, 2014, 126, 5740-5744.	1.6	23
100	Novel reactivities of 2,2-dichloroimidazolidine-4,5-diones: synthesis of copper(I) diamidocarbene complex, 2-thioxo/selenoxoimidazolidine-4,5-dione, and 2,2-difluoroimidazolidine-4,5-dione. Tetrahedron Letters, 2014, 55, 4597-4600.	0.7	11
101	Intramolecular Câ€“F and Câ€“H bond cleavage promoted by butadienyl heavy Grignard reagents. Nature Communications, 2014, 5, 4508.	5.8	50
102	Coordination-induced skeletal rearrangements of zirconacyclobuteneâ€“silacyclobutene fused complexes. Coordination Chemistry Reviews, 2014, 270-271, 2-13.	9.5	22
103	Cyclopentadienyl-Like Ligand as a Reactive Site in Half-Sandwich Bis(amidinato) Rare-Earth-Metal Complexes: An Efficient Application in Catalytic Addition of Amines to Carbodiimides. Organometallics, 2014, 33, 2784-2789.	1.1	27
104	Isolable and Well-Defined Butadienyl Organocopper(I) Aggregates: Facile Synthesis, Structural Characterization, and Reaction Chemistry. Journal of the American Chemical Society, 2014, 136, 610-613.	6.6	30
105	Selective synthesis of (Z)-2-enynyl-2-hydroxy-imidazolidine-4,5-diones via Cu(i)-mediated multicomponent coupling of terminal alkynes, carbodiimides and oxalyl chloride. Organic and Biomolecular Chemistry, 2014, 12, 3336-3339.	1.5	10
106	DFT Studies on the Reaction Mechanisms of 1,4-Dilithio 1,3-Dienes with Nitriles. Organometallics, 2013, 32, 2059-2068.	1.1	8
107	Mechanistic Study on the Cleavage and Reorganization of C(sp‹sup›3‹/sup›)ï£¿H and Cï£¾N Bonds in Carbodiimides: Synthesis of 1,2â€Dihydrothiopyrimidines and 2,3â€Dihydropyrimidinthiones through Fourâ€Component Coupling. Chemistry - A European Journal, 2013, 19, 10643-10654.	1.7	22
108	Oxidation of Câ€“H bonds to Cî€O bonds by O2 only or N-oxides and DMSO: synthesis of Î”1-bipyrrolinones and pyrrolino[3,2-b]pyrrolinones from 2,6-diazasemibullvalenes. Chemical Communications, 2013, 49, 6146.	2.2	14

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109	3-D Brick-Wall Polymeric Structure of TMEDA-Supported 1,4-Dilithio-1,3-Butadiene. Organometallics, 2013, 32, 4020-4023.	1.1	9
110	Half-sandwich bis(propiolamidinate) rare-earth metal complexes: synthesis, structure and dissociation of the cyclopentadienyl ligand via competition with an amidinate. Dalton Transactions, 2013, 42, 16466.	1.6	19
111	Construction of Octaalkyl-Substituted and Decasubstituted all-cis-Octatetraenes via Linear Dimerization of 1,4-Dicopper-1,3-butadienes and Subsequent Cross-Coupling with Halides. Organic Letters, 2013, 15, 1222-1225.	2.4	20
112	Lewis Acid Catalyzed Siteâ€Selective Cycloadditions of 2,6â€Diazasemibullvalenes with Isocyanides, Azides, and Diazo Compounds for the Synthesis of Diazaâ€and Triazabrexadiene Derivatives. Angewandte Chemie - International Edition, 2013, 52, 3485-3489.	7.2	16
113	Synthesis, Characterization, and Reactivity of N-Acyl Chloroformamidines: Useful Building Blocks for the Construction of N-Acyl-Substituted 1,1-Diaminoethylenes, Amidines, Ureas, and Thioureas. Synthesis, 2013, 45, 347-354.	1.2	3
114	Organo-di-Lithio Reagents: Cooperative Effect and Synthetic Applications. Topics in Organometallic Chemistry, 2013, , 1-41.	0.7	12
115	Barium Dibenzopentalenide as a Mainâ€Group Metal Î·⁸ Complex: Facile Synthesis from 1,4â€Dilithioâ€1,3â€butadienes and Ba[N(SiMe₃)₂]₂, Structural Characterization, and Reaction Chemistry. Angewandte Chemie - International Edition, 2013, 52, 10822-10825.	7.2	47
116	Regioselective Ring Expansion of 2,4-Diiminoazetidines via Cleavage of Câ€“N and C(sp3)â€“H Bonds: Efficient Construction of 2,3-Dihydropyrimidinesulfonamides. Journal of the American Chemical Society, 2012, 134, 2926-2929.	6.6	61
117	Cyclopentadieneâ€“Phosphine/Palladium-Catalyzed Cleavage of Câ€“N Bonds in Secondary Amines: Synthesis of Pyrrole and Indole Derivatives from Secondary Amines and Alkenyl or Aryl Dibromides. Journal of the American Chemical Society, 2012, 134, 20230-20233.	6.6	101
118	Metal-free synthesis of cyclic di-oxoguanidines via one-pot sequential transformation of amines, carbodiimides and acyl dichlorides. Organic and Biomolecular Chemistry, 2012, 10, 6266.	1.5	31
119	Reactivity of Seven-Membered Azazirconacycloallenes and Four-Membered Zirconacycles toward Diphenylacetonitrile. Organometallics, 2012, 31, 8370-8374.	1.1	12
120	1,3-Butadienylzinc Trimer Formed via Transmetalation from 1,4-Dilithio-1,3-butadienes: Synthesis, Structural Characterization, and Application in Negishi Cross-Coupling. Organometallics, 2012, 31, 5546-5550.	1.1	15
121	2,6-Diazasemibullvalenes: Synthesis, Structural Characterization, Reaction Chemistry, and Theoretical Analysis. Journal of the American Chemical Society, 2012, 134, 11964-11967.	6.6	43
122	Rare-Earth Metal Tris(trimethylsilylmethyl) Anionic Complexes Bearing One 1-Phenyl-2,3,4,5-tetrapropylcyclopentadienyl Ligand: Synthesis, Structural Characterization, and Application. Inorganic Chemistry, 2012, 51, 11941-11948.	1.9	30
123	Palladium-Catalyzed Intermolecular Domino Reaction of gem-DibromoÂenynes with Anilines; A One-Pot Synthesis of Quinolines and Quinolinones. Synthesis, 2012, 44, 2754-2762.	1.2	11
124	Zirconocene and Si-Tethered Diynes: A Happy Match Directed toward Organometallic Chemistry and Organic Synthesis. Accounts of Chemical Research, 2011, 44, 541-551.	7.6	65
125	One-Pot Synthesis and Unpredicted Hydrogen Bonds of the Guanidinium Triflates from Readily Available Amines, Carbodiimides, and Zn(OTf)₂. Organometallics, 2011, 30, 5278-5283.	1.1	15
126	Ln₄(CH₂)₄ Cubane-Type Rare-Earth Methylidene Complexes Consisting of â€œ(C₅Me₄SiMe₃)LnCH₂â€•Units (Ln = Tm,) Tj ET Q q 0 0 0 rg BT /Ove	6.6	74

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127	Formation of Zirconocenes Containing Vinyl-imine and Keteniminate Species from Zirconacycles and Diphenylacetonitrile. Organometallics, 2011, 30, 3464-3467.	1.1	31
128	Procedureâ€Controlled Selective Synthesis of 5â€Acylâ€2â€iminothiazolines and their Selenium and Tellurium Derivatives by Convergent Tandem Annulation. Angewandte Chemie - International Edition, 2011, 50, 8122-8126.	7.2	59
129	Formation of Î±â€Lithio Siloles from Silylated 1,4â€Dilithioâ€1,3â€Butadienes: Mechanism and Applications. Chemistry - an Asian Journal, 2010, 5, 1120-1128.	1.7	17
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