

Zhenyang Lin

List of Publications by Year in descending order

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309
papers

13,118
citations

26405

56
h-index

32667

101
g-index

316
all docs

316
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316
times ranked

10324
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulating Charge-Transfer Character with Electron-Withdrawing Main-Group Moieties for the Color Tuning of Iridium Electrophosphors. <i>Advanced Functional Materials</i> , 2008, 18, 499-511.	16.5	491
2	A Facile Route to Aryl Boronates: Room-Temperature, Copper-Catalyzed Borylation of Aryl Halides with Alkoxy Diboron Reagents. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5350-5354.	14.8	396
3	Theoretical aspects of palladium-catalysed carbon-carbon cross-coupling reactions. <i>Chemical Society Reviews</i> , 2010, 39, 1692-1705.	40.3	345
4	Boryl ligands and their roles in metal-catalysed borylation reactions. <i>Chemical Communications</i> , 2009, , 3987.	4.2	329
5	Trans Influence of Boryl Ligands and Comparison with C, Si, and Sn Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 9384-9390.	4.2	276
6	Organocatalytic Asymmetric Synthesis of 1,1-Diarylethanes by Transfer Hydrogenation. <i>Journal of the American Chemical Society</i> , 2015, 137, 383-389.	14.6	265
7	Enantioselective Decarboxylative Cyanation Employing Cooperative Photoredox Catalysis and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 15632-15635.	14.6	259
8	A Multifunctional Iridium-Carbazoyl Orange Phosphor for High-Performance Two-Element WOLED Exploiting Exciton-Managed Fluorescence/Phosphorescence. <i>Advanced Functional Materials</i> , 2008, 18, 928-937.	16.5	254
9	DFT Studies of Alkene Insertions into Cu-B Bonds in Copper(I) Boryl Complexes. <i>Organometallics</i> , 2007, 26, 2824-2832.	2.6	214
10	Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. <i>Journal of Materials Chemistry</i> , 2010, 20, 7472.	6.7	214
11	DFT Studies on the Borylation of α,β -Unsaturated Carbonyl Compounds Catalyzed by Phosphine Copper(I) Boryl Complexes and Observations on the Interconversions between O- and C-Bound Enolates of Cu, B, and Si. <i>Organometallics</i> , 2008, 27, 4443-4454.	2.6	210
12	Density Functional Theory Studies on the Mechanism of the Reduction of CO ₂ to CO Catalyzed by Copper(I) Boryl Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 15637-15643.	14.6	208
13	Asymmetric Copper-Catalyzed Intermolecular Aminoarylation of Styrenes: Efficient Access to Optical 2,2-Diarylethylamines. <i>Journal of the American Chemical Society</i> , 2017, 139, 6811-6814.	14.6	208
14	Site-specific allylic C-H bond functionalization with a copper-bound N-centred radical. <i>Nature</i> , 2019, 574, 516-521.	36.2	207
15	DFT Studies on the Mechanism of the Diboration of Aldehydes Catalyzed by Copper(I) Boryl Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 5586-5594.	14.6	194
16	Organocatalytic synthesis of chiral tetrasubstituted allenes from racemic propargylic alcohols. <i>Nature Communications</i> , 2017, 8, 567.	13.2	193
17	Structural and bonding characteristics in transition metal-silane complexes. <i>Chemical Society Reviews</i> , 2002, 31, 239-245.	40.3	187
18	Synthesis, Structure, and Reactivity of Anionic sp^2 - sp^3 Diboron Compounds: Readily Accessible Boryl Nucleophiles. <i>Chemistry - A European Journal</i> , 2015, 21, 7082-7098.	3.9	183

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19	Enantioselective Copper-Catalyzed Intermolecular Amino- and Azidocyanation of Alkenes in a Radical Process. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2054-2058.	14.8	177
20	Iridium-catalyzed C-H borylation of quinolines and unsymmetrical 1,2-disubstituted benzenes: insights into steric and electronic effects on selectivity. <i>Chemical Science</i> , 2012, 3, 3505.	7.8	155
21	Divergent Synthesis of CF ₃ -Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7140-7145.	14.8	155
22	Unravelling Chemical Interactions with Principal Interacting Orbital Analysis. <i>Chemistry - A European Journal</i> , 2018, 24, 9639-9650.	3.9	143
23	Understanding the Relative Easiness of Oxidative Addition of Aryl and Alkyl Halides to Palladium(0). <i>Organometallics</i> , 2006, 25, 4030-4033.	2.6	140
24	Symmetric Versus Unsymmetric Platinum(II) Bis(aryleneethynylene)s with Distinct Electronic Structures for Optical Power Limiting/Optical Transparency Trade-off Optimization. <i>Advanced Functional Materials</i> , 2009, 19, 531-544.	16.5	134
25	Zinc-Catalyzed Dual C-X and C-H Borylation of Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11843-11847.	14.8	127
26	DFT Studies on the Carboxylation of Arylboronate Esters with CO ₂ Catalyzed by Copper(I) Complexes. <i>Organometallics</i> , 2010, 29, 917-927.	2.6	117
27	Facile scission of isonitrile carbon-nitrogen triple bond using a diborane(4) reagent. <i>Nature Communications</i> , 2014, 5, 4245.	13.2	117
28	Influence of citric acid and curing on moisture sorption, diffusion and permeability of starch films. <i>Carbohydrate Polymers</i> , 2013, 94, 765-772.	10.5	116
29	Rhodium catalysed dehydrogenative borylation of alkenes: Vinylboronates via C-H activation. <i>Dalton Transactions</i> , 2008, , 1055-1064.	3.4	112
30	Regioselective Synthesis of Polycyclic and Heptagon-Embedded Aromatic Compounds through a Versatile C-Extension of Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7166-7170.	14.8	112
31	Understanding the Higher Reactivity of B ₂ cat ₂ versus B ₂ pin ₂ in Copper(I)-Catalyzed Alkene Diboration Reactions. <i>Organometallics</i> , 2008, 27, 1178-1186.	2.6	108
32	Rhodium(III)-Catalyzed Hydrazine-Directed C-H Activation for Indole Synthesis: Mechanism and Role of Internal Oxidant Probed by DFT Studies. <i>Organometallics</i> , 2015, 34, 309-318.	2.6	108
33	Divergent Synthesis of CF ₃ -Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. <i>Angewandte Chemie</i> , 2018, 130, 7258-7263.	2.1	107
34	Synthesis and Characterization of Rhenabenzenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2759-2762.	14.8	104
35	Promoting Effect of Water in Ruthenium-Catalyzed Hydrogenation of Carbon Dioxide to Formic Acid. <i>Organometallics</i> , 2001, 20, 1216-1222.	2.6	103
36	Protonation and Bromination of an Osmabenzene: Reactions Leading to the Formation of New Metallabenzynes. <i>Journal of the American Chemical Society</i> , 2003, 125, 884-885.	14.6	101

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37	A Metallanaphthalene Complex from Zinc Reduction of a Vinylcarbyne Complex. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9065-9068.	14.8	98
38	Enantioselective Copper-Catalyzed Alkynylation of Benzylic C-H Bonds via Radical Relay. <i>Journal of the American Chemical Society</i> , 2020, 142, 12493-12500.	14.6	98
39	Metal-free borylation of electron-rich aryl (pseudo)halides under continuous-flow photolytic conditions. <i>Organic Chemistry Frontiers</i> , 2016, 3, 875-879.	4.6	92
40	Synthesis, Structure and Reactivity of a Borylene Cation [(NHSi) ₂ B(CO)] ⁺ Stabilized by Three Neutral Ligands. <i>Journal of the American Chemical Society</i> , 2017, 139, 13680-13683.	14.6	87
41	Cleaving Dihydrogen with Tetra- <i>o</i> -tolyl)diborane(4). <i>Journal of the American Chemical Society</i> , 2017, 139, 2593-2596.	14.6	86
42	Understanding Nonplanarity in Metallabenzene Complexes. <i>Organometallics</i> , 2007, 26, 1986-1995.	2.6	83
43	Interplay between Theory and Experiment: Computational Organometallic and Transition Metal Chemistry. <i>Accounts of Chemical Research</i> , 2010, 43, 602-611.	16.6	81
44	A versatile color tuning strategy for iridium(III) and platinum(II) electrophosphors by shifting the charge-transfer states with an electron-deficient core. <i>Journal of Materials Chemistry</i> , 2009, 19, 1872.	6.7	80
45	Electrophilic Substitution Reactions of Metallabenzynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 18350-18360.	14.6	79
46	Principal interacting orbital: A chemically intuitive method for deciphering bonding interaction. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2020, 10, e1469.	16.9	77
47	DFT Studies on the Mechanism of Allylative Dearomatization Catalyzed by Palladium. <i>Journal of the American Chemical Society</i> , 2006, 128, 13010-13016.	14.6	76
48	Synthesis and Characterization of a Rhenabenzene Complex. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10675-10678.	14.8	75
49	DFT Studies on the Mechanisms of the Platinum-Catalyzed Diboration of Acyclic Unsaturated Carbonyl Compounds. <i>Organometallics</i> , 2012, 31, 3410-3425.	2.6	72
50	Synthesis and Characterization of a Metallapyridyne Complex. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9838-9841.	14.8	71
51	Hydrogen/Deuterium Exchange Reactions of Olefins with Deuterium Oxide Mediated by the Carbonylchlorohydroido-tris(triphenylphosphine)ruthenium(II) Complex. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1512-1522.	4.5	67
52	Theoretical Studies on the Regioselectivity of Iridium-Catalyzed 1,3-Dipolar Azide-Alkyne Cycloaddition Reactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 11970-11980.	3.3	66
53	Catalytic Enantioselective Intermolecular Desymmetrization of Azetidines. <i>Journal of the American Chemical Society</i> , 2015, 137, 5895-5898.	14.6	60
54	Reactions of Isocyanides with Metal Carbyne Complexes: Isolation and Characterization of Metallacyclopropenimine Intermediates. <i>Journal of the American Chemical Society</i> , 2017, 139, 1822-1825.	14.6	60

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55	Closed-shell electronic requirements for condensed clusters of the group 11 elements. <i>Inorganic Chemistry</i> , 1991, 30, 91-95.	4.2	59
56	DFT Studies on Copper-Catalyzed Hydrocarboxylation of Alkynes Using CO ₂ and Hydrosilanes. <i>Organometallics</i> , 2013, 32, 5224-5230.	2.6	59
57	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6997-7001.	14.8	58
58	Structural Analysis of Five-Coordinate Transition Metal Boryl Complexes with Different d-Electron Configurations. <i>Inorganic Chemistry</i> , 2004, 43, 2541-2547.	4.2	57
59	Conversion of Metallabenzynes into Carbene Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7295-7299.	14.8	56
60	Key Intermediates of Iodine-Mediated Electrophilic Cyclization: Isolation and Characterization in an Osmabenzene System. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9251-9255.	14.8	56
61	Lowering the Reduction Potential of a Boron Compound by Means of the Substituent Effect of the Boryl Group: One-Electron Reduction of an Unsymmetrical Diborane(4). <i>Chemistry - A European Journal</i> , 2015, 21, 4267-4271.	3.9	56
62	Body Mass Index and perceived weight status in young adults. <i>Journal of Community Health</i> , 1991, 16, 159-168.	3.9	55
63	Synthesis, structures and properties of platinum(ii) complexes of oligothiophene-functionalized ferrocenylacetylene. <i>Dalton Transactions RSC</i> , 2001, , 3250-3260.	2.1	55
64	Transition Metal-Free <i>trans</i> Hydroboration of Alkynoic Acid Derivatives: Experimental and Theoretical Studies. <i>Journal of Organic Chemistry</i> , 2018, 83, 10436-10444.	3.3	55
65	Mechanism of Catalytic Hydration of Nitriles with Hydrotris(pyrazolyl)borato (Tp) Ruthenium Complexes. <i>Organometallics</i> , 2008, 27, 4957-4969.	2.6	54
66	Reaction of B ₂ (<i>o</i>) ₄ with CO and Isocyanides: Cleavage of the B ₂ O Triple Bond and Direct C-H Borylations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6109-6114.	14.8	54
67	Enantioselective Copper-Catalyzed Radical Cyanation of Propargylic C-H Bonds: Easy Access to Chiral Allenyl Nitriles. <i>Journal of the American Chemical Society</i> , 2021, 143, 14451-14457.	14.6	54
68	DFT Studies on Copper-Catalyzed Arylation of Aromatic C-H Bonds. <i>Organometallics</i> , 2012, 31, 560-569.	2.6	52
69	Synthesis of Rhenabenzenes from the Reactions of Rhenacyclobutadienes with Ethoxyethyne. <i>Chemistry - A European Journal</i> , 2014, 20, 14885-14899.	3.9	52
70	Synthesis, structures and optical spectroscopy of photoluminescent platinum-linked poly(silylacetylenes). <i>Dalton Transactions RSC</i> , 2002, , 4587-4594.	2.1	51
71	A structural jellium model of cluster electronic structure. <i>Chemical Physics</i> , 1990, 142, 321-334.	2.0	48
72	Metal-Silane Interaction in the Novel Pseudooctahedral Silane Complex cis-Mo(CO)(PH ₃) ₄ (H ₂ SiH ₃) and Some Related Isomers: An Ab Initio Study. <i>Journal of the American Chemical Society</i> , 1996, 118, 9915-9921.	14.6	46

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73	Synthesis, Characterization, and Density Functional Theory Studies of Three-Dimensional Inorganic Analogues of 9,10-Diboranthracene—A New Class of Lewis Superacids. <i>Journal of the American Chemical Society</i> , 2021, 143, 8552-8558.	14.6	46
74	2,6-Diisopropoxyphenyl(dicyclohexyl)phosphine: A New Ligand for Palladium-Catalyzed Amination Reactions of Aryl Chlorides with Potassium Hydroxide as the Base. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 100-112.	4.5	45
75	Computational Insight into Nickel-Catalyzed Carbon—Carbon versus Carbon—Boron Coupling Reactions of Primary, Secondary, and Tertiary Alkyl Bromides. <i>Chemistry - A European Journal</i> , 2015, 21, 7480-7488.	3.9	45
76	Enantioselective Palladium-Catalyzed Oxidative Cascade Cyclization of Aliphatic Alkenyl Amides. <i>Organic Letters</i> , 2017, 19, 316-319.	4.8	45
77	Transition-Metal-Like Behavior of Monovalent Boron Compounds: Reduction, Migration, and Complete Cleavage of CO at a Boron Center. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8708-8713.	14.8	45
78	Understanding the Highly Regioselective Cyanothiolation of 1-Alkynes Catalyzed by Palladium Phosphine Complexes. <i>Organometallics</i> , 2008, 27, 246-253.	2.6	44
79	Rhodium-Catalyzed Deoxygenation and Borylation of Ketones: A Combined Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2020, 142, 18118-18127.	14.6	44
80	Nonclassical Ruthenium Silyl Dihydride Complexes TpRu(PPh ₃) ₃ (³ IPr)HSiR ₃ [Tp = Hydridotris(pyrazolyl)borate]: Catalytic Hydrolytic Oxidation of Organosilanes to Silanols with TpRu(PPh ₃) ₃ (³ IPr)HSiR ₃ . <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5675-5684.	2.2	43
81	Substitution Reactions of Metallabenzene: An Experimental and Computational Study. <i>Chemistry - A European Journal</i> , 2013, 19, 10982-10991.	3.9	43
82	Computational Insight into the Mechanism of Nickel-Catalyzed Reductive Carboxylation of Styrenes using CO ₂ . <i>Organometallics</i> , 2014, 33, 7147-7156.	2.6	43
83	Ruthenium-Catalyzed Deuteration of Alcohols with Deuterium Oxide. <i>Organometallics</i> , 2015, 34, 3686-3698.	2.6	43
84	A Potassium Diboryllithate: Synthesis, Bonding Properties, and the Deprotonation of Benzene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11426-11430.	14.8	43
85	Competing Metal—Acetylene and Metal—f-(H—Si) Interactions in the Complex Ti(¹ -C ₅ H ₅) ₂ (¹ -2-trans-RC ⁺ CSiHR ₂). <i>Organometallics</i> , 1997, 16, 494-496.	2.6	42
86	1,2,3-Diazaborinine: A BN Analogue of Pyridine Obtained by Ring Expansion of a Borole with an Organic Azide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 338-342.	14.8	42
87	An [Au ₁₃] ⁵⁺ Approach to the Study of Gold Nanoclusters. <i>Inorganic Chemistry</i> , 2016, 55, 11348-11353.	4.2	41
88	Reactivity of Highly Lewis-Acidic Diborane(4) toward C—N and N=N Bonds: Uncatalyzed Addition and N=N Bond-Cleavage Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 317-321.	14.8	41
89	Synthesis, Structures and Luminescent Properties of f-Alkynyl Complexes of Orthomercuriated Schiff Bases. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2066-2077.	2.2	40
90	¹ H-2-Hydrogen Elimination of Five-Membered-Ring Metallacycles. Is It Possible?. <i>Organometallics</i> , 2004, 23, 4154-4159.	2.6	40

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91	Mechanism of Endo \rightarrow Exo Interconversion in η^3 -Allyl Cp Complexes: A Longstanding Unresolved Issue. <i>Organometallics</i> , 2005, 24, 2241-2244.	2.6	39
92	Solution-Phase Synthesis of a Base-Free Benzoborirene and a Three-Dimensional Inorganic Analogue. <i>Journal of the American Chemical Society</i> , 2020, 142, 17243-17249.	14.6	39
93	Insertion Reactions of Allenes with Palladium Aryl Complexes [PdI(Ph)(PPh ₃) ₂ and PdI(Ph)(dppe)]. <i>Organometallics</i> , 2008, 27, 2614-2626.	2.6	38
94	Theoretical Studies of Ring-Opening Reactions of Phenylcyclobutabenzenol and Its Reactions with Alkynes Catalyzed by Rhodium Complexes. <i>Journal of Organic Chemistry</i> , 2013, 78, 11357-11365.	3.3	38
95	Mechanism for the Carboxylative Coupling Reaction of a Terminal Alkyne, CO ₂ , and an Allylic Chloride Catalyzed by the Cu(I) Complex: A DFT Study. <i>ACS Catalysis</i> , 2014, 4, 4466-4473.	11.7	38
96	Effects of Tea-Polysaccharide Conjugates and Metal Ions on Precipitate Formation by Epigallocatechin Gallate and Caffeine, the Key Components of Green Tea Infusion. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3744-3751.	5.3	38
97	DFT Studies on the Mechanism of Copper-Catalyzed Boracarboxylation of Alkene with CO ₂ and Diboron. <i>Organometallics</i> , 2019, 38, 240-247.	2.6	38
98	Theoretical Studies on the Stabilities of Metallabenzynes. <i>Organometallics</i> , 2003, 22, 3898-3904.	2.6	37
99	Catalytic H/D Exchange between Organic Compounds and D ₂ O with TpRu(PPh ₃)(CH ₃ CN)H (Tp = η^5 -Cp*) or TpRu(PPh ₃)(H ₂ O)(NHC(O)CH ₃). <i>Organometallics</i> , 2007, 26, 1924-1933.	2.6	37
100	Theoretical Studies on Nickel-Catalyzed Cycloaddition of 3-Azetidinone with Alkynes. <i>Organometallics</i> , 2013, 32, 3003-3011.	2.6	36
101	The synthesis and structure of a carbene-stabilized iminocarboranyl-boron compound. <i>Chemical Communications</i> , 2015, 51, 16817-16820.	4.2	36
102	Theoretical Studies on O-Insertion Reactions of Nitrous Oxide with Ruthenium Hydride Complexes. <i>Organometallics</i> , 2008, 27, 3825-3833.	2.6	35
103	Stille Cross-Coupling Reactions of Alkenylstannanes with Alkenyl Iodides Mediated by Copper(I) Thiophene-2-carboxylate: A Density Functional Study. <i>Organometallics</i> , 2010, 29, 3077-3084.	2.6	35
104	Theoretical study of conjugation, hyperconjugation, and steric effect in B ₂ D ₄ (D=H, F, OH, NH ₂ , and η^5 -Cp*). <i>Journal of Organometallic Chemistry</i> , 2010, 889, 10-16.	3.1	34
105	Theoretical Investigations on Mechanisms of Pd(OAc) ₂ -Catalyzed Intramolecular Diaminations in the Presence of Bases and Oxidants. <i>Organometallics</i> , 2009, 28, 4507-4512.	2.6	34
106	Synthesis of Complex Boron-Nitrogen Heterocycles Comprising Borylated Triazenes and Tetrazenes Under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2020, 142, 1065-1076.	14.6	34
107	Enantioselective Rh-Catalyzed Hydroboration of Silyl Enol Ethers. <i>Journal of the American Chemical Society</i> , 2021, 143, 10902-10909.	14.6	34
108	DFT Studies on the Palladium-Catalyzed Dearomatization Reaction between Chloromethylnaphthalene and the Cyclic Amine Morpholine. <i>Organometallics</i> , 2013, 32, 2336-2343.	2.6	33

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109	Phosphinite Ligand Effects in Palladium(II)-Catalysed Cycloisomerisation of 1,6-Dienes: Bicyclo[3.2.0]heptanyl Diphosphinite (B[3.2.0]DPO) Ligands Exhibit Flexible Bite Angles, an Effect Derived from Conformational Changes (exo-orendo-Envelope) in the Bicyclic Ligand Scaffold. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2515-2530.	4.5	32
110	Ligand Effect on the Insertion Reactions of Allenes with $MHCl(CO)(PPh_3)_3$ and $MHCl(PPh_3)_3$ ($M = Ru, Os$). <i>Organometallics</i> , 2007, 26, 2849-2860.	2.6	32
111	Theoretical study on the rearrangement of metallabenzynes to cyclopentadienyl complexes. <i>Dalton Transactions</i> , 2011, 40, 11315.	3.4	32
112	Stereochemistry of Seven-Coordinate Main Group and d-Transition Metal Molecules. <i>Inorganic Chemistry</i> , 1996, 35, 594-603.	4.2	31
113	Cyclometalation of 2-Vinylpyridine with $MCl_2(PPh_3)_3$ and $MHCl(PPh_3)_3$ ($M = Ru, Os$). <i>Organometallics</i> , 2007, 26, 2849-2860.	2.6	31
114	Probing the Reactivity of the Ce \cdot O Multiple Bond in a Cerium(IV) Oxo Complex. <i>Inorganic Chemistry</i> , 2016, 55, 10003-10012.	4.2	30
115	Facile synthesis of polycyclic metallaarynes. <i>Chemical Science</i> , 2018, 9, 5994-5998.	7.8	30
116	Principal interacting spin orbital: understanding the fragment interactions in open-shell systems. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10076-10086.	2.9	30
117	DFT Studies on Gold-Catalyzed Cycloisomerization of 1,5-Enynes. <i>Organometallics</i> , 2012, 31, 4221-4227.	2.6	29
118	Rearrangement of Metallabenzynes to Chlorocyclopentadienyl Complexes. <i>Organometallics</i> , 2015, 34, 890-896.	2.6	29
119	Iridium-Catalyzed Enantioselective Hydrogenation of Oxocarbenium Ions: A Case of Ionic Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6108-6114.	14.8	29
120	Understanding the Readiness of Silane Dissociation in Transition Metal η^2 -Silane Complexes $Cp(CO)_2M[\eta^2-H(SiH_3-nCl_n)]$ ($M = Mn, Tc, Re; n = 1-3$). <i>Organometallics</i> , 2000, 19, 2051-2054.	2.6	28
121	Insertion Reactions of Allenes Giving Vinyl Complexes. <i>Organometallics</i> , 2005, 24, 4896-4898.	2.6	28
122	Rhenium Carbyne and η^2 -Vinyl Complexes from One-Pot Reactions of $ReH_5(PMe_2)_2(Ph)_3$ with Terminal Alkynes. <i>Organometallics</i> , 2010, 29, 2693-2701.	2.6	28
123	Copper(I)-Catalyzed Asymmetric Desymmetrization through Inverse-Electron-Demand aza-Diels-Alder Reaction: Efficient Access to Tetrahydropyridazines Bearing a Unique η^2 -Chiral Silane Moiety. <i>Chemistry - A European Journal</i> , 2017, 23, 4995-4999.	3.9	28
124	Al-Sc Bonded Complexes: Synthesis, Structure, and Reaction with Benzene in the Presence of Alkyl Halide. <i>Journal of the American Chemical Society</i> , 2022, 144, 22662-22668.	14.6	28
125	Bonding Analysis of Titanocene Borane η^f -Complexes. <i>Organometallics</i> , 2000, 19, 2625-2628.	2.6	27
126	Theoretical Studies of Cycloaddition Reactions of Cationic Aluminum η^2 -Diketiminato Alkyl Complexes with Alkenes and Alkynes. <i>Organometallics</i> , 2005, 24, 5140-5146.	2.6	27

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