James C Fettinger

List of Publications by Year
in descending order

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419 papers	16,765 citations	15880 67 h-index	35168 102 g-index
473 all docs	473 docs citations	473 times ranked	12168 citing authors

#	Article	IF	Citations
1	Divergent stereochemical outcomes in the insertion of donor/donor carbenes into the Câ€“H bonds of stereogenic centers. Chemical Science, 2022, 13, 1030-1036.	3.7	9
2	Dirac lines and loop at the Fermi level in the time-reversal symmetry breaking superconductor LaNiGa2. Communications Physics, 2022, 5, .	2.0	15
3	1,3-Asymmetric Induction in Diastereoselective Allylations of Chiral N-Tosyl Imines. Journal of Organic Chemistry, 2022, , .	1.7	1
4	Diastereoselective Addition of Prochiral Nucleophilic Alkenes to Î±-Chiral N-Sulfonyl Imines. Organic Letters, 2022, 24, 1164-1168.	2.4	7
5	Direct Crystallization of Diamine Radical Cations: Carbonâ€Nitrogen Bond Formation from the Reaction of Triphenylamine with TiCl4, TiBr4, or SnCl4 vs Carbonâ€Carbon Bond Formation with SbCl5â€. Chemistry - A European Journal, 2022, , .	1.7	4
6	Inhibition of Alkali Metal Reduction of 1â€Adamantanol by London Dispersion Effects. Angewandte Chemie - International Edition, 2022, , .	7.2	8
7	The Unusual Structural Behavior of Heteroleptic Aryl Copper(I) Thiolato Molecules: Cis vs Trans Structures and London Dispersion Effects. Organometallics, 2022, 41, 794-801.	1.1	1
8	Ligand-Accelerated Catalysis in Scandium(III)-Catalyzed Asymmetric Spiroannulation Reactions. ACS Catalysis, 2022, 12, 3524-3533.	5.5	1
9	Divergent Asymmetric Synthesis of Panowamycins, TMâ€135, and Veramycin F using Câ€“H Insertion with Donor/Donor Carbenes. Angewandte Chemie - International Edition, 2022, , .	7.2	3
10	Aluminumâ€Ligand Cooperative Oâ€H Bond Activation Initiates Catalytic Transfer Hydrogenation. ChemCatChem, 2022, 14, .	1.8	4
11	Eu₅Al₃Sb₆: Al₄ Tetrahedra Embedded in a Rock-Salt-Like Structure. Chemistry of Materials, 2022, 34, 5009-5019.	3.2	0
12	Cover Feature: Aluminumâ€Ligand Cooperative Oâ€H Bond Activation Initiates Catalytic Transfer Hydrogenation (ChemCatChem 13/2022). ChemCatChem, 2022, 14, .	1.8	0
13	Nâ€“N Double-Bond Cleavage and Azobenzene Rearrangement with Câ€“C Bond Formation Induced by a Germylene. Organometallics, 2022, 41, 1590-1594.	1.1	3
14	Hydrostannylation of carbon dioxide by a hydridostannylene molybdenum complex. Dalton Transactions, 2021, 50, 12555-12562.	1.6	6
15	Delocalization tunable by ligand substitution in [L2Al]nâ• complexes highlights a mechanism for strong electronic coupling. Chemical Science, 2021, 12, 675-682.	3.7	5
16	Quantification of the Electrostatic Effect on Redox Potential by Positive Charges in a Catalyst Microenvironment. Journal of Physical Chemistry Letters, 2021, 12, 3066-3073.	2.1	8
17	Deconvoluting the Magnetic Structure of the Commensurately Modulated Quinary Zintl Phase Eu_{11â€“x}Sr_xZn₄Sn₂As₁₂. Inorganic Chemistry, 2021, 60, 5711-5723.	1.9	6
18	A Monomeric Aluminum Imide (Iminoalane) with Alâ€“N Triple-Bonding: Bonding Analysis and Dispersion Energy Stabilization. Journal of the American Chemical Society, 2021, 143, 6351-6356.	6.6	32

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19	Versatile New Reagent for Nitrosation under Mild Conditions. Organic Letters, 2021, 23, 3253-3258.	2.4	8
20	Low-Coordinate Iron Chalcogenolates and Their Complexes with Diethyl Ether and Ammonia. Inorganic Chemistry, 2021, 60, 6712-6720.	1.9	4
21	Reductions of M{N(SiMe₃)₂}₃ (M = V, Cr, Fe): Terminal and Bridging Low-Valent First-Row Transition Metal Hydrido Complexes and â€œMetallo-Transaminationâ€. Inorganic Chemistry, 2021, 60, 11401-11411.	1.9	3
22	Mechanistic Investigation of Castagnoliâ€“Cushman Multicomponent Reactions Leading to a Three-Component Synthesis of Dihydroisoquinolones. Journal of Organic Chemistry, 2021, 86, 11599-11607.	1.7	19
23	Synthesis of Unsupported Primary Phosphido Complexes of Aluminum(III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1824-1829.	0.6	1
24	Molecular determinants of pro-arrhythmia proclivity of d- and l-sotalol via a multi-scale modeling pipeline. Journal of Molecular and Cellular Cardiology, 2021, 158, 163-177.	0.9	10
25	Insertion Reactions of NH3 and H2O with the Ferriogermylenes ArGeFeCp(CO)2 (Ar = ArMe6) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Polymorphism in a Metallogermylene. Organometallics, 2021, 40, 3472-3479.	1.1	4
26	Dimeric Copper and Lithium Thiolates: Comparison of Copper Thiolates with Their Lithium Congeners. Inorganic Chemistry, 2021, 60, 17641-17648.	1.9	2
27	Designing a Solution-Stable Distannene: The Decisive Role of London Dispersion Effects in the Structure and Properties of {Sn(C₆H₂-2,4,6-Cy₃)₂}₂ (Cy = Cyclohexyl). Journal of the American Chemical Society, 2021, 143, 21478-21483.	6.6	17
28	Unexpected Coordination Complexes of the Metal Tris-silylamides M{N(SiMe₃)₂}₃ (M = Ti, V). Inorganic Chemistry, 2020, 59, 1871-1882.	1.9	12
29	Enantioselective synthesis of isochromans and tetrahydroisoquinolines by Câ€“H insertion of donor/donor carbenes. Chemical Science, 2020, 11, 494-498.	3.7	31
30	Impact of Bis(imino)pyridine Ligands on Mesoscale Properties of CdSe/ZnS Quantum Dots. Journal of Physical Chemistry C, 2020, 124, 22677-22683.	1.5	3
31	The Monomeric Alanediyl :AlAr^{iPr8} (Ar^{iPr8} =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 An Organoaluminum(I) Compound with a One-Coordinate Aluminum Atom. Journal of the American Chemical Society, 2020, 142, 20554-20559.	6.6	52
32	Syntheses of Square Planar Gallium Complexes and a Proton NMR Correlation Probing Metalloaromaticity. Inorganic Chemistry, 2020, 59, 13517-13523.	1.9	20
33	A Stable Organo-Aluminum Analyte Enables Multielectron Storage for a Nonaqueous Redox Flow Battery. Journal of Physical Chemistry Letters, 2020, 11, 8202-8207.	2.1	4
34	Ligand Conjugation Directs the Formation of a 1,3-Dihydropyridinate Regioisomer. Inorganic Chemistry, 2020, 59, 17614-17619.	1.9	4
35	Interactions of a Diplumbyne with Dinuclear Transition Metal Carbonyls to Afford Metalloplumbylenes. Organometallics, 2020, 39, 4629-4636.	1.1	2
36	Enantioselective Siâ€“H Insertion Reactions of Diarylcarbenes for the Synthesis of Silicon-Stereogenic Silanes. Journal of the American Chemical Society, 2020, 142, 11674-11679.	6.6	88

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37	Metathetical Exchange between Metalâ€“Metal Triple Bonds. Journal of the American Chemical Society, 2020, 142, 2233-2237.	6.6	30
38	Comparison of the toxicokinetics of the convulsants picrotoxinin and tetramethylenedisulfotetramine (TETS) in mice. Archives of Toxicology, 2020, 94, 1995-2007.	1.9	10
39	Isolation and Computational Studies of a Series of Terphenyl Substituted Diplumbynes with Ligand Dependent Leadâ€“Lead Multiple-Bonding Character. Journal of the American Chemical Society, 2019, 141, 14370-14383.	6.6	21
40	Two quasi-stable lead(<scp>ii</scp>) hydrides at ambient temperature. Chemical Communications, 2019, 55, 10285-10287.	2.2	15
41	The Trials and Tribulations of Structure Assisted Design of KCa Channel Activators. Frontiers in Pharmacology, 2019, 10, 972.	1.6	12
42	Butenolide Derivatives of Biobased Furans: Sustainable Synthetic Dyes. Angewandte Chemie - International Edition, 2019, 58, 17293-17296.	7.2	15
43	A Redox Isomerization Strategy for Accessing Modular Azobenzene Photoswitches with Near Quantitative Bidirectional Photoconversion. Organic Letters, 2019, 21, 8765-8770.	2.4	8
44	Butenolide Derivatives of Biobased Furans: Sustainable Synthetic Dyes. Angewandte Chemie, 2019, 131, 17453-17456.	1.6	5
45	Kinetic and Binding Studies Reveal Cooperativity and Offâ€Cycle Competition for Hâ€Bonding Catalysis with Silsesquioxane Silanols. Chemistry - A European Journal, 2019, 25, 14953-14958.	1.7	10
46	Synthesis of Spirobicyclic Pyrazoles by Intramolecular Dipolar Cycloadditions/[1s, 5s] Sigmatropic Rearrangements. Organic Letters, 2019, 21, 7209-7212.	2.4	9
47	Organic Electron Delocalization Modulated by Ligand Charge States in [L₂M]^{nâ€“}Complexes of Group 13 Ions. Journal of the American Chemical Society, 2019, 141, 15792-15803.	6.6	20
48	Catalytic Asymmetric Synthesis of Cyclopentene-spirooxindoles Bearing Vinylsilanes Capable of Further Transformations. Organic Letters, 2019, 21, 8196-8200.	2.4	11
49	Facile insertion of ethylene into a group 14 element-carbon bond: effects of the HOMOâ€“LUMO energy gap on reactivity. Chemical Communications, 2019, 55, 405-407.	2.2	35
50	Formal [4 + 2] Cycloadditions of Anhydrides and Î±,Î²-Unsaturated N-Tosyl Ketimines. Organic Letters, 2019, 21, 1046-1049.	2.4	10
51	Organocatalytic Mukaiyama Mannich Reactions of 2,5-Bis(trimethylsilyloxy)furan. Organic Letters, 2019, 21, 5073-5077.	2.4	12
52	Acyclic Stereocontrol in the Additions of Nucleophilic Alkenes to Î±â€Chiral N â€Sulfonyl Imines. Chemistry - A European Journal, 2019, 25, 12214-12220.	1.7	5
53	Two-Coordinate, Late First-Row Transition Metal Amido Derivatives of the Bulky Ligand -N(SiPrⁱ₃)Dipp (Dipp = 2,6-diisopropylphenyl): Effects of the Ligand on the Stability of Two-Coordinate Copper(II) Complexes. Inorganic Chemistry, 2019, 58, 8793-8799.	1.9	10
54	Reversible Binding of Ethylene and Propylene by Germylenes. Organometallics, 2019, 38, 1425-1428.	1.1	15

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55	Reversible Complexation of Alkynes by a Germylene. Organometallics, 2019, 38, 1421-1424.	1.1	28
56	New Characterization of V{N(SiMe3)2}3: Reductions of Tris[bis(trimethylsilyl)amido]vanadium(III) and -chromium(III) To Afford the Reduced Metal(II) Anions [M{N(SiMe3)2}3]â^' (M = V and Cr). Inorganic Chemistry, 2019, 58, 6095-6101.	1.9	15
57	Dispersion-Controlled Regioselective Acid-Catalyzed Intramolecular Hydroindolation of cis-Methindolylstyrenes To Access Tetrahydrobenzo[cd]indoles. Organic Letters, 2019, 21, 1574-1577.	2.4	10
58	Electrocatalytic Reduction of CO₂ into Formate with Glassy Carbon Modified by [Fe₄N(CO)₁₁(PPh₂Ph-linker)]^{â^'}. Organometallics, 2019, 38, 1230-1235.	1.1	14
59	N,N,N-Trimethyl-5-[(2,3,5,6-tetrafluorophenoxy)carbonyl]pyridin-2-aminium trifluoromethanesulfonate a precursor for the synthesis of 2,3,5,6-tetrafluorophenyl 6-[¹⁸F]-fluoronicotinate. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 604-607.	0.2	1
60	Facile Câ€"H Bond Metathesis Mediated by a Stannylene. Journal of the American Chemical Society, 2018, 140, 5674-5677.	6.6	29
61	Synthesis, characterization and properties of a glycol-coordinated Îµ-Keggin-type Al₁₃ chloride. Chemical Communications, 2018, 54, 4148-4151.	2.2	8
62	Single crystal growth and magnetic properties of the mixed valent Yb containing Zintl phase, Yb₁₄MgSb₁₁. Chemical Communications, 2018, 54, 12946-12949.	2.2	17
63	Eu11Zn4Sn2As12: A Ferromagnetic Zintl Semiconductor with a Layered Structure Featuring Extended Zn4As6 Sheets and Ethane-like Sn2As6 Units. Chemistry of Materials, 2018, 30, 7067-7076.	3.2	12
64	Enantioselective Synthesis of Indolines, Benzodihydrothiophenes, and Indanes by Câ^'H Insertion of Donor/Donor Carbenes. Angewandte Chemie, 2018, 130, 15433-15436.	1.6	11
65	A Ligand Protonation Series in Aluminum(III) Complexes of Tridentate Bis(enol)amine Ligand. Organometallics, 2018, 37, 4527-4533.	1.1	1
66	Characterization of a Monomeric, Homoleptic, Solvent-Free Samarium Bis(aryloxide). Inorganic Chemistry, 2018, 57, 14044-14046.	1.9	6
67	Steric and Electronic Properties of the Bulky Terphenyl Ligand Ar^{tBu6} (Ar^{tBu6} =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 277 Td (C₆H₃-2,6-(C₆F <s and Synthesis of Its Tin Derivatives Ar^{tBu6}SnCl, Ar^{tBu6}SnSn(H)₂Ar^{tBu6}, and Ar^{tBu6}SnSnAr^{tBu6}: A New Route to a Distannyne via Thermolysis of the Hydri	1.1	16
68	Enantioselective Synthesis of Indolines, Benzodihydrothiophenes, and Indanes by Câ^'H Insertion of Donor/Donor Carbenes. Angewandte Chemie - International Edition, 2018, 57, 15213-15216.	7.2	37
69	Effects of Remote Ligand Substituents on the Structures, Spectroscopic, and Magnetic Properties of Two-Coordinate Transition-Metal Thiolate Complexes. Inorganic Chemistry, 2018, 57, 6491-6502.	1.9	15
70	Counterintuitive Interligand Angles in the Diaryls E{C₆H₃-2,6-(C₆H₂-2,4,6-ⁱPr₃)₂}<sub> (E = Ge, Sn, or Pb) and Related Species: The Role of London Dispersion Forces. Organometallics, 2018, 37, 2075-2085.	1.1	29
71	Silver(I) coordination polymers with thioether ligands: The influence of fluoro-substitution. Polyhedron, 2017, 126, 268-275.	1.0	2
72	Dynamic Behavior and Isomerization Equilibria of Distannenes Synthesized by Tin Hydride/Olefin Insertions: Characterization of the Elusive Monohydrido Bridged Isomer. Journal of the American Chemical Society, 2017, 139, 6586-6595.	6.6	30

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73	Tin(II) Hydrides as Intermediates in Rearrangements of Tin(II) Alkyl Derivatives. Journal of the American Chemical Society, 2017, 139, 6596-6604.	6.6	26
74	Control of Ligand pK_a Values Tunes the Electrocatalytic Dihydrogen Evolution Mechanism in a Redox-Active Aluminum(III) Complex. Inorganic Chemistry, 2017, 56, 8651-8660.	1.9	57
75	Synthesis of Benzodihydrofurans by Asymmetric Câ¯H Insertion Reactions of Donor/Donor Rhodium Carbenes. Chemistry - A European Journal, 2017, 23, 11843-11855.	1.7	43
76	Reaction Progress Kinetics Analysis of 1,3-Disiloxanediols as Hydrogen-Bonding Catalysts. Journal of Organic Chemistry, 2017, 82, 6738-6747.	1.7	40
77	Anion-dependent assembly of diverse 1Dâ€“3D silver(I) coordination networks with a thioether ligand. Polyhedron, 2017, 123, 226-233.	1.0	3
78	A Zwitterionic, 10 Ï€ Aromatic Hemisphere. Angewandte Chemie, 2017, 129, 14329-14332.	1.6	2
79	The Reactions of Aryl Tin(II) Hydrides {Ar^{iPr6}Sn(Î¼-H)}₂ (Ar^{iPr6} =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 512 Td (C₆H₃-2,6-(C₆ and {Ar^{iPr4}Sn(Î¼-H)}₂ (Ar^{iPr4} =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 with Aryl Alkynes: Substituent Dependent Structural Isomers. Organometallics, 2017, 36, 3799-3805.	1.1	16
80	A Zwitterionic, 10 Ïπ Aromatic Hemisphere. Angewandte Chemie - International Edition, 2017, 56, 14141-14144.	7.2	5
81	Reversible Complexation of Lewis Bases to Low-Coordinate Fe(II), Co(II), and Ni(II) Amides: Influence of the Metal, Donor Ligand, and Amide Substituent on Binding Constants. Inorganic Chemistry, 2017, 56, 9892-9902.	1.9	28
82	A new solid solution compound with the Sr21Mn4Sb18 structure type: Sr13Eu8Cd3Mn1Sb18. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, .	0.4	1
83	Diastereoselective Synthesis of and Mechanistic Understanding for the Formation of 2â€Piperidinones from Imines and Cyanoâ€Substituted Anhydrides. Chemistry - A European Journal, 2016, 22, 4794-4801.	1.7	19
84	Crystal structure determination as part of an undergraduate laboratory experiment: 1â€²,3â€²,3â€²-trimethylspiro[chromene-2,2â€²-indoline] and 1â€²,3â€²,3â€²-trimethyl-4-[(E)-(1,3,3-trimethylindolin-2-ylidene)methyl]spiro[chroman-2,2â€²-indoline]. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1659-1662.	0.2	2
85	One-Pot Synthesis of Benzo[4,5]imidazo[2,1-a]isoquinolines and Isoquinolino[3,4-b]quinoxalines via Tandem Cyclization Strategies. Journal of Organic Chemistry, 2016, 81, 3924-3928.	1.7	14
86	Highly Selective Hydroboration of Alkenes, Ketones and Aldehydes Catalyzed by a Wellâ€Defined Manganese Complex. Angewandte Chemie, 2016, 128, 14581-14584.	1.6	51
87	Highly Selective Hydroboration of Alkenes, Ketones and Aldehydes Catalyzed by a Wellâ€Defined Manganese Complex. Angewandte Chemie - International Edition, 2016, 55, 14369-14372.	7.2	164
88	Cleavage of Geâ€“Ge and Snâ€“Sn Triple Bonds in Heavy Group 14 Element Alkyne Analogues (EAr^{iPr₄})₂ (E = Ge, Sn; Ar^{iPr₄} =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 by Reaction with Group 6 Carbonyls. Organometallics, 2016, 35, 2759-2767.	1.1	14
89	Dispersionâ€Forceâ€Assisted Disproportionation: A Stable Twoâ€Coordinate Copper(II) Complex. Angewandte Chemie - International Edition, 2016, 55, 10444-10447.	7.2	33
90	Dispersionâ€Forceâ€Assisted Disproportionation: A Stable Twoâ€Coordinate Copper(II) Complex. Angewandte Chemie, 2016, 128, 10600-10603.	1.6	10

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91	Molecular Zinc Species with Geâ€“Zn and Snâ€“Zn Bonds: A Reversible Insertion of a Stannylene into a Zincâ€“Carbon Bond. Organometallics, 2016, 35, 2124-2128.	1.1	23
92	Chasing the Elusive Benzofuran Impurity of the THR Antagonist NH-3: Synthesis, Isotope Labeling, and Biological Activity. Journal of Organic Chemistry, 2016, 81, 1870-1876.	1.7	16
93	A pendant proton shuttle on [Fe₄N(CO)₁₂]^{â^'}alters product selectivity in formate vs. H₂production via the hydride [Hâ€“Fe₄N(CO)₁₂]^{â^'}. Chemical Science, 2016, 7, 2728-2735.	3.7	61
94	Two polymorphs of 4-(4-hexyloxyphenyl)-2,6-di(pyrazin-2-yl)pyridine and the crystal structure of its copper(II) complex. Journal of Molecular Structure, 2016, 1110, 19-23.	1.8	4
95	Reactions of Terphenyl-Substituted Digallene Ar^{iPr₄}GaGaAr^{iPr₄} (Ar^{iPr₄} =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (C₆H₃-2,6- with Transition Metal Carbonyls and Theoretical Investigation of the Mechanism of Addition. Organometallics, 2016, 35, 579-586.	1.1	10
96	Determination of the activation energies for ND tautomerism and anion exchange in a porphyrin monocation. Journal of Porphyrins and Phthalocyanines, 2016, 20, 307-317.	0.4	6
97	Insight into Varied Reaction Pathways for Oâ€“H and Nâ€“H Bond Activation by Bis(imino)pyridine Complexes of Al(III). Organometallics, 2016, 35, 9-14.	1.1	31
98	Reaction of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msup><mml:mrow><mml:mtext>LiAr</mml:mtext></mml:mrow><mml:mrow><mml:msub><mml		

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109	Hydroalumination of Alkenes and Alkynes by Primary Aluminum Hydrides under Mild Conditions. Organometallics, 2014, 33, 6232-6240.	1.1	20
110	Unusual coordination of tetrylenes to molybdenum carbonyl fragments. Chemical Communications, 2014, 50, 5561-5564.	2.2	3
111	Tandem Glycosyl Iodide Glycosylation and Regioselective Enzymatic Acylation Affords 6-O-Tetradecanoyl-l±-<scp>d</scp>-cholesterylglycosides. Journal of Organic Chemistry, 2014, 79, 8447-8452.	1.7	16
112	Synthesis and Structural Characterization of a Dimeric Cobalt(I) Homoleptic Alkyl and an Iron(II) Alkyl Halide Complex. Organometallics, 2014, 33, 1917-1920.	1.1	8
113	Synthesis and Characterization of Primary Aluminum Parent Amides and Phosphides. Organometallics, 2014, 33, 329-337.	1.1	13
114	Heterocycleâ€toâ€Heterocycle Route to Quinolineâ€4â€amines: Reductive Heterocyclization of 3â€(2â€Nitrophenyl)isoxazoles. European Journal of Organic Chemistry, 2014, 2014, 7651-7657.	1.2	11
115	Synthesis, structure, and substitution reactivity of a new bi-oxo capped molybdenum cluster: [Mo 3 (Î¼ 3) Tj ETQq1 1 0.784314 rgBT /C	1.8	2
116	Synthesis, Structure, and Magnetic and Electrochemical Properties of Quasi-Linear and Linear Iron(I), Cobalt(I), and Nickel(I) Amido Complexes. Inorganic Chemistry, 2014, 53, 9400-9406.	1.9	82
117	Reactions of Alkenes and Alkynes with an Acyclic Silylene and Heavier Tetrylenes under Ambient Conditions. Organometallics, 2014, 33, 6253-6258.	1.1	38
118	Reversible Complexation of Ethylene by a Silylene under Ambient Conditions. Journal of the American Chemical Society, 2014, 136, 634-637.	6.6	88
119	Synthesis and characterization of sterically encumbered aluminum thiolato complexes with rare Al/S/halide structural motifs. Polyhedron, 2014, 79, 207-212.	1.0	6
120	Diastereoselective Synthesis of Î³- and Î´-Lactams from Imines and Sulfone-Substituted Anhydrides. Journal of Organic Chemistry, 2014, 79, 2601-2610.	1.7	26
121	Stereocontrol in Asymmetric Î³-Lactam Syntheses from Imines and Cyanosuccinic Anhydrides. Organic Letters, 2013, 15, 5130-5133.	2.4	38
122	Linear and Nonlinear Two-Coordinate Vanadium Complexes: Synthesis, Characterization, and Magnetic Properties of V(II) Amides. Journal of the American Chemical Society, 2013, 135, 10720-10728.	6.6	32
123	Dispersion Force Stabilized Two-Coordinate Transition Metalâ€“Amido Complexes of the â^'N(SiMe₃)Dipp (Dipp = C₆H₃-2,6-Prⁱ₂) Ligand: Structural, Spectroscopic, Magnetic, and Computational Studies. Inorganic Chemistry, 2013, 52, 13584-13593.	1.9	92
124	Catalytic alkene cyclization reactions for the stereoselective synthesis of complex â€œterpenoid-likeâ€• heterocycles. Chemical Science, 2013, 4, 292-296.	3.7	30
125	Stereoselective Synthesis of Î³-Lactams from Imines and Cyanosuccinic Anhydrides. Organic Letters, 2013, 15, 5126-5129.	2.4	29
126	Crystallographic and Computational Studies of Luminescent, Binuclear Gold(I) Complexes, Au^I₂(Ph₂P(CH₂)_nPPh₂)₂I₂ (n = 3â€“6). Inorganic Chemistry, 2013, 52, 823-831.	1.9	21

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127	Facile, High-Yield Functionalization of Germanium and Tin by Oxidative Insertion of Tetrelenes into the Eâ€“H Bonds of Inorganic Acids (E = C, N, O, F): Arene Elimination versus Oxidative Addition and Formation of a Germanium Cationâ€“Water Complex. Organometallics, 2013, 32, 617-622.	1.1	40
128	Synthesis and molecular structures of the 1,2-dihalogen derivatives of Ga(II) and In(II), [{GaI(ArMe6)}2], [{InCl(ArMe6)}2]2, [{InI(ArMe6)}2]2, and [{In4Cl2I2(ArMe6)4}], ArMe6C6H3-2,6(C6H2-2,4,6-Me3)2. Polyhedron, 2013, 58, 144-150.	1.0	9
129	Stable Plumbylene Dichalcogenolate Monomers with Large Differences in Their Interligand Angles and the Synthesis and Characterization of a Monothiolato Pb(II) Bromide and Lithium Trithiolato Plumbate. Inorganic Chemistry, 2013, 52, 3054-3062.	1.9	36
130	Mechanistic Study of Stepwise Methylisocyanide Coupling and Câ€“H Activation Mediated by a Low-Valent Main Group Molecule. Journal of the American Chemical Society, 2013, 135, 6257-6261.	6.6	37
131	Heterocycleâ€“Heterocycle Strategies: (2-Nitrophenyl)isoxazole Precursors to 4-Aminoquinolines, 1H-Indoles, and Quinolin-4(1H)-ones. Organic Letters, 2013, 15, 2062-2065.	2.4	56
132	Synthesis of a Library of â€œLead-Likeâ€•Î³-Lactams by a One Pot, Four-Component Reaction. ACS Combinatorial Science, 2013, 15, 356-362.	3.8	12
133	Extreme Oxatriquinanes: Structural Characterization of Î±-Oxyoxonium Species with Extraordinarily Long Carbonâ€“Oxygen Bonds. Journal of the American Chemical Society, 2013, 135, 8173-8176.	6.6	13
134	Inelastic X-ray Scattering of a Transition-Metal Complex (FeCl₄^{â€“}): Vibrational Spectroscopy for All Normal Modes. Inorganic Chemistry, 2013, 52, 6767-6769.	1.9	7
135	Design and Synthesis of Mimics of the T7-loop of FtsZ. Organic Letters, 2013, 15, 2700-2703.	2.4	7
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