James C Fettinger

List of Publications by Year
in descending order

419 papers	16,765 citations	13865 67 h-index	30922 102 g-index
473 all docs	473 docs citations	473 times ranked	10975 citing authors

#	Article	IF	Citations
1	Synthesis of a Stable Compound with Fivefold Bonding Between Two Chromium(I) Centers. Science, 2005, 310, 844-847.	12.6	511
2	Facile Activation of Dihydrogen by an Unsaturated Heavier Main Group Compound. Journal of the American Chemical Society, 2005, 127, 12232-12233.	13.7	431
3	Designed Self-Assembly of Molecular Necklaces Using Host-Stabilized Charge-Transfer Interactions. Journal of the American Chemical Society, 2004, 126, 1932-1933.	13.7	233
4	Toward Artificial Ion Channels:â€‰ A Lipophilic G-Quadruplex. Journal of the American Chemical Society, 2000, 122, 4060-4067.	13.7	230
5	Reaction of Hydrogen or Ammonia with Unsaturated Germanium or Tin Molecules under Ambient Conditions: Oxidative Addition versus Arene Elimination. Journal of the American Chemical Society, 2009, 131, 16272-16282.	13.7	218
6	The Pb122-and Pb102-Zintl Ions and the M@Pb122-and M@Pb102-Cluster Series Where M = Ni, Pd, Pt. Journal of the American Chemical Society, 2006, 128, 9178-9186.	13.7	214
7	Ion Channel Formation from a Calix[4]arene Amide That Binds HCl. Journal of the American Chemical Society, 2002, 124, 2267-2278.	13.7	204
8	Interpenetrating As20 Fullerene and Ni12 Icosahedra in the Onion-Skin [As@Ni12@As20]3- Ion. Science, 2003, 300, 778-780.	12.6	203
9	[Pt@Pb12]2â˜'. Angewandte Chemie - International Edition, 2004, 43, 2132-2134.	13.8	195
10	Reversible Reactions of Ethylene with Distannynes Under Ambient Conditions. Science, 2009, 325, 1668-1670.	12.6	185
11	An Iron Electrocatalyst for Selective Reduction of CO₂ to Formate in Water: Including Thermochemical Insights. ACS Catalysis, 2015, 5, 7140-7151.	11.2	177
12	Reactions of the Heavier Group 14 Element Alkyne Analogues Arâ€˜EEArâ€˜ (Arâ€˜ = C6H3-2,6(C6H3-2,6-Pri2)2; E =) Tj ETQq0 0 0 rgBT / American Chemical Society, 2005, 127, 17530-17541.	13.7	170
13	Catalytic Asymmetric Synthesis of Substituted 3â€Hydroxyâ€2â€Oxindoles. Angewandte Chemie - International Edition, 2010, 49, 744-747.	13.8	166
14	Isolation of a Stable, Acyclic, Two-Coordinate Silylene. Journal of the American Chemical Society, 2012, 134, 6504-6507.	13.7	164
15	Highly Selective Hydroboration of Alkenes, Ketones and Aldehydes Catalyzed by a Wellâ€Đefined Manganese Complex. Angewandte Chemie - International Edition, 2016, 55, 14369-14372.	13.8	164
16	A Lead-Filled G-Quadruplex:â€‰ Insight into the G-Quartet's Selectivity for Pb2+ over K+. Organic Letters, 2000, 2, 3277-3280.	4.6	159
17	Synthesis and characterization of quinone-substituted octaalkyl porphyrin monomers and dimers. Journal of the American Chemical Society, 1990, 112, 9310-9329.	13.7	154
18	Addition of H2 to distannynes under ambient conditions. Chemical Communications, 2008, , 6042.	4.1	147

#	Article	IF	Citations
19	A Pirouette on a Metallofullerene Sphere:â€‰ Interconversion of Isomers of N-Tritylpyrrolidino Ih Sc3N@C80. Journal of the American Chemical Society, 2006, 128, 6486-6492.	13.7	138
20	Synthesis and Characterization of the Homologous Mâ^'M Bonded Series Arâ€˜MMArâ€˜ (M = Zn, Cd, or Hg;) Tj ETQq0 0 0 rgBT /Overloc American Chemical Society, 2007, 129, 10847-10857.	13.7	138
21	The closo-Pb102? Zintl ion in the [Ni@Pb10]2? cluster. Chemical Communications, 2005, , 247.	4.1	135
22	The [Sn9Pt2(PPh3)]2- and [Sn9Ni2(CO)]3- Complexes:â€‰ Two Markedly Different Sn9M2L Transition Metal Zintl Ion Clusters and Their Dynamic Behavior. Journal of the American Chemical Society, 2002, 124, 4779-4786.	13.7	126
23	Addition of Hydrogen or Ammonia to a Lowâ€Valent Groupâ€…13 Metal Species at 25â€‰Â°C and 1â€…Atmosphere. Angewandte Chemie - International Edition, 2009, 48, 2031-2034.	13.8	126
24	Thecloso-[Sn9M(CO)3]4â^' Zintl Ion Clusters where M=Cr, Mo, W: Two Structural Isomers and Their Dynamic Behavior. Chemistry - A European Journal, 2001, 7, 5277-5285.	3.3	121
25	Substituent effects in ditetrel alkyne analogues: multiple vs. single bonded isomers. Chemical Science, 2010, 1, 461.	7.4	113
26	Molecular Clips that Undergo Heterochiral Aggregation and Self-Sorting. Angewandte Chemie - International Edition, 2002, 41, 4028-4031.	13.8	111
27	Synthesis and crystal and molecular structure of In(C5Me5) - an apparent octahedral cluster. Journal of the American Chemical Society, 1986, 108, 4666-4668.	13.7	108
28	Cucurbit[n]uril Analogues. Organic Letters, 2003, 5, 3745-3747.	4.6	108
29	Quasi-Isomeric Gallium Amides and Imides GaNR2and RGaNR (R = Organic Group):Â Reactions of the Digallene, Arâ€˜GaGaArâ€˜ (Arâ€˜ = C6H3-2,6-(C6H3-2,6-Pri2)2) with Unsaturated Nitrogen Compounds. Journal of the American Chemical Society, 2006, 128, 12498-12509.	13.7	108
30	Synthesis, Structure, and Dynamic Properties of [Ni2Sn17]4-. Journal of the American Chemical Society, 2006, 128, 12-13.	13.7	106
31	Enantioselective Pictetâ€“Spengler reactions of isatins for the synthesis of spiroindolones. Tetrahedron Letters, 2011, 52, 5550-5553.	1.4	106
32	Cluster Growth and Fragmentation in the Highly Fluxional Platinum Derivatives of Sn94-:Â Synthesis, Characterization, and Solution Dynamics of Pt2@Sn174-and Pt@Sn9H3-. Journal of the American Chemical Society, 2007, 129, 4567-4574.	13.7	104
33	The [Ti₁₂Nb₆O₄₄]^{10â^'} Ionâ€”A New Type of Polyoxometalate Structure. Angewandte Chemie - International Edition, 2008, 47, 5634-5636.	13.8	104
34	Stannous Chloride in Alcohol:Â A One-Pot Conversion of 2-Nitro-N-arylbenzamides to 2,3-Dihydro-1H-quinazoline-4-ones. Journal of Organic Chemistry, 2005, 70, 6941-6943.	3.2	103
35	Methylene-Bridged Glycoluril Dimers:Â Synthetic Methods. Journal of Organic Chemistry, 2002, 67, 5817-5830.	3.2	102
36	Isomeric Forms of Heavier Main Group Hydrides:â€‰ Experimental and Theoretical Studies of the [Sn(Ar)H]2 (Ar = Terphenyl) System. Journal of the American Chemical Society, 2007, 129, 16197-16208.	13.7	102

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37	Dispersion Forces and Counterintuitive Steric Effects in Main Group Molecules: Heavier Group 14 (Siâ€“Pb) Dichalcogenolate Carbene Analogues with Sub-90Â° Interligand Bond Angles. Journal of the American Chemical Society, 2013, 135, 10134-10148.	13.7	102
38	Thermochemistry of Paddle Wheel MOFs: Cu-HKUST-1 and Zn-HKUST-1. Langmuir, 2013, 29, 8140-8145.	3.5	101
39	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.	4.0	92
40	Diastereoselective Formation of Glycoluril Dimers:Â Isomerization Mechanism and Implications for Cucurbit[n]uril Synthesis. Journal of the American Chemical Society, 2002, 124, 8297-8306.	13.7	91
41	Reversible Complexation of Ethylene by a Silylene under Ambient Conditions. Journal of the American Chemical Society, 2014, 136, 634-637.	13.7	88
42	Enantioselective Siâ€“H Insertion Reactions of Diarylcarbenes for the Synthesis of Silicon-Stereogenic Silanes. Journal of the American Chemical Society, 2020, 142, 11674-11679.	13.7	88
43	Direct Spectroscopic Observation of Large Quenching of First-Order Orbital Angular Momentum with Bending in Monomeric, Two-Coordinate Fe(II) Primary Amido Complexes and the Profound Magnetic Effects of the Absence of Jahnâ^' and Rennerâ^'Teller Distortions in Rigorously Linear Coordination. Journal of the American Chemical Society, 2009, 131, 12693-12702.	13.7	87
44	Room-Temperature Reaction of Carbon Monoxide with a Stable Diarylgermylene. Journal of the American Chemical Society, 2009, 131, 6912-6913.	13.7	87
45	Cucurbit[n]uril Analogues:Â Synthetic and Mechanistic Studies. Journal of Organic Chemistry, 2005, 70, 10381-10392.	3.2	83
46	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.	4.0	82
47	Homochiral G-Quadruplexes with Ba2+ but Not with K+:â€‰ The Cation Programs Enantiomeric Self-Recognition. Journal of the American Chemical Society, 2001, 123, 6738-6739.	13.7	80
48	Electrocatalytic Hydrogen Evolution from Water by a Series of Iron Carbonyl Clusters. Inorganic Chemistry, 2013, 52, 12847-12854.	4.0	80
49	.omega.-Hydroxythiol Monolayers at Au Electrodes. 5. Insulated Electrode Voltammetric Studies of Cyano/Bipyridyl Iron Complexes. The Journal of Physical Chemistry, 1995, 99, 11216-11224.	2.9	79
50	Structural Characterization of Zirconium Cations Derived from a Living Zieglerâ^'Natta Polymerization System:Â New Insights Regarding Propagation and Termination Pathways for Homogeneous Catalysts. Journal of the American Chemical Society, 2000, 122, 12909-12910.	13.7	78
51	Convergent syntheses of [Sn7{C6H3-2,6-(C6H3-2,6-iPr2)2}2]: a cluster with a rare pentagonal bipyramidal motif. Chemical Communications, 2007, , 4919.	4.1	78
52	Magnetic Properties and Negative Colossal Magnetoresistance of the Rare Earth Zintl phase EuIn₂As₂. Inorganic Chemistry, 2008, 47, 11048-11056.	4.0	78
53	Regulating Supramolecular Function in Membranes: Calixarenes that Enable or Inhibit Transmembrane Clâ^' Transport. Angewandte Chemie - International Edition, 2006, 45, 3334-3338.	13.8	77
54	An Unsymmetric Oxo/Imido-Bridged Germanium-Centered Singlet Diradicaloid. Journal of the American Chemical Society, 2009, 131, 14164-14165.	13.7	75

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55	Structural characterization of a sterically encumbered iron(II) porphyrin carbonyl complex. Journal of the American Chemical Society, 1989, 111, 403-405.	13.7	74
56	A donor-stabilization strategy for the preparation of compounds featuring Pî€Ƀ and Asî€Ƀ double bonds. Chemical Communications, 2006, , 3800-3802.	4.1	72
57	Lipophilic G-Quadruplexes Are Self-Assembled Ion Pair Receptors, and the Bound Anion Modulates the Kinetic Stability of These Complexes. Journal of the American Chemical Society, 2003, 125, 10830-10841.	13.7	71
58	A Reversible Polymorphic Phase Change Which Affects the Luminescence and Aurophilic Interactions in the Gold(I) Cluster Complex, [Î¼3-S(AuCNC7H13)3](SbF6). Journal of the American Chemical Society, 2005, 127, 10838-10839.	13.7	71
59	Titanium-Catalyzed Stereoselective Synthesis of Spirooxindole Oxazolines. Organic Letters, 2011, 13, 418-421.	4.6	71
60	Synthesis, Structural, and Magnetic Characterization of Linear and Bent Geometry Cobalt(II) and Nickel(II) Amido Complexes: Evidence of Very Large Spinâ€“Orbit Coupling Effects in Rigorously Linear Coordinated Co²⁺. Inorganic Chemistry, 2012, 51, 3366-3373.	4.0	71
61	Structure and Asymmetry in the Isomeric Conversion of Î²- to Î±-Endosulfan. Journal of Agricultural and Food Chemistry, 1997, 45, 1023-1026.	5.2	70
62	Stereospecific Syntheses, Metal Configurational Stabilities, and Conformational Analyses ofmeso-(R,S)- and (R,R)-(Î·5-C5R5)Ti(CH3)2-N,Nâ€˜-bis(1-phenylethyl)acetamidinates for R = H and Me. Organometallics, 1999, 18, 4183-4190.	2.3	70
63	Ion-Pair Recognition by Nucleoside Self-Assembly: Guanosine Hexadecamers Bind Cations and Anions. Angewandte Chemie - International Edition, 2001, 40, 2827-2831.	13.8	69
64	Glycoluril derivatives form hydrogen bonded tapes rather than cucurbit[n]uril congeners. Tetrahedron, 2002, 58, 9769-9777.	1.9	69
65	Câ€“H Activation of Cycloalkenes by Dimetallynes (M = Ge, Sn) under Ambient Conditions. Journal of the American Chemical Society, 2011, 133, 11960-11963.	13.7	69
66	Thermodynamic, Spectroscopic, and Computational Evidence for the Irreversible Conversion of Î²- to Î±-Endosulfan. Journal of Agricultural and Food Chemistry, 2001, 49, 5372-5376.	5.2	68
67	Synthesis, characterization and structural studies of In(C5H4Me) by x-ray diffraction and electron diffraction techniques and a reinvestigation of the crystalline state of In(C5H5) by x-ray diffraction studies. Organometallics, 1988, 7, 1051-1059.	2.3	67
68	The Sodium Ions Inside a Lipophilic G-Quadruplex Channel as Probed by Solid-State 23Na NMR. Journal of the American Chemical Society, 2002, 124, 742-743.	13.7	67
69	Synthesis and characterization of the [Ni6Ge13(CO)5]4â^' and [Ge9Ni2(PPh3)]2â^' Zintl ion clusters. Polyhedron, 2006, 25, 521-529.	2.2	67
70	Distinctly Different Reactivities of Two Similar Polyoxoniobates with Hydrogen Peroxide. Angewandte Chemie - International Edition, 2008, 47, 8251-8254.	13.8	67
71	Self-Sorting Molecular Clips. Journal of Organic Chemistry, 2008, 73, 5915-5925.	3.2	67
72	Formation of carboalkoxyiridium complexes by carbonylation of alkoxyiridium complexes and the crystal structure of trans-PhOIr(CO)(PPh3)2. Organometallics, 1985, 4, 2179-2185.	2.3	65

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73	Binding Cesium Ions with Nucleosides: Templated Self-Assembly of Isoguanosine Pentamers. Angewandte Chemie - International Edition, 2000, 39, 1283-1285.	13.8	65
74	Synthesis and Characterization of the Metal(I) Dimers [Arâ€²MMArâ€²]: Comparisons with Quintupleâ€Bonded [Arâ€²CrCrArâ€²]. Angewandte Chemie - International Edition, 2008, 47, 9115-9117.	13.8	65
75	Reaction of a sterically encumbered iron(i) aryl/arene with organoazides: formation of an iron(v) bis(imide). Chemical Communications, 2008, , 6045.	4.1	65
76	Hydrothermal synthesis of the first organically templated open-framework uranium phosphate. Chemical Communications, 2001, , 2378-2379.	4.1	64
77	Synthesis and crystal structure of the bismuth-iron carbonyl cluster [Et4N]2[Bi4Fe4(CO)13]. Discovery of a hybrid Zintl-metal carbonyl cluster. Journal of the American Chemical Society, 1985, 107, 1056-1057.	13.7	63
78	Double Heterocumulene Metathesis of Cyclic Bis(trimethylsilylamido)stannylenes and Tethered Bimetallic Bisamidinates from the Resulting Î±,Ï‰-Biscarbodiimides. Organometallics, 1999, 18, 5729-5732.	2.3	63
79	Charged Molecular Alloys:Â Synthesis and Characterization of the Binary Anions Pd7As164-and Pd2As144-. Journal of the American Chemical Society, 2002, 124, 5944-5945.	13.7	63
80	Very Large Changes in Bond Length and Bond Angle in a Heavy Group 14 Element Alkyne Analogue by Modification of a Remote Ligand Substituent. Journal of the American Chemical Society, 2006, 128, 11366-11367.	13.7	63
81	Molecular Clips Form Isostructural Dimeric Aggregates from Benzene to Water. Journal of the American Chemical Society, 2004, 126, 10035-10043.	13.7	62
82	Boronâ^'Pnictogen Multiple Bonds:Â Donor-Stabilized PB and AsB Bonds and a Hindered Iminoborane with a Bâ^'N Triple Bond. Inorganic Chemistry, 2007, 46, 2971-2978.	4.0	62
83	Atranones Aâ€“G, from the toxigenic mold Stachybotrys chartarum. Phytochemistry, 2000, 55, 663-673.	2.9	61
84	Acyclic Congener of Cucurbituril:Â Synthesis and Recognition Properties. Journal of Organic Chemistry, 2003, 68, 6184-6191.	3.2	61
85	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.	7.4	61
86	A Practical, Fast, and High-Yielding Aziridination Procedure Using Simple Cu(II) Complexes Containing N-Donor Pyridine-Based Ligands. Journal of Organic Chemistry, 2005, 70, 4833-4839.	3.2	60
87	Synthesis, Structural Characterization, and Spectroscopy of the Cadmiumâ^'Cadmium Bonded Molecular Species Arâ€˜CdCdArâ€˜ (Arâ€˜ = C6H3-2,6-(C6H3-2,6-Pri2)2). Journal of the American Chemical Society, 2006, 128, 15068-15069.	13.7	60
88	A Germanium Isocyanide Complex Featuring (n â†' Ï€*) Back-Bonding and Its Conversion to a Hydride/Cyanide Product via Câ€“H Bond Activation under Mild Conditions. Journal of the American Chemical Society, 2012, 134, 4045-4048.	13.7	59
89	Synthesis and Characterization of the Monomeric Sterically Encumbered Diaryls E{C6H3-2,6-(C6H3-2,6-Pri2)2}2 (E = Ge, Sn, or Pb). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1005-1010.	1.2	58
90	Synthesis and Characterization of Palladium(II) and Platinum(II) Complexes Containing Water-Soluble Hybrid Phosphineâ^'Phosphonate Ligands. Inorganic Chemistry, 1996, 35, 6717-6723.	4.0	57

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91	Synthesis and Reactivity of Dimethyl Platinum(IV) Hydrides in Water. Journal of the American Chemical Society, 2004, 126, 11160-11161.	13.7	57
92	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.	4.0	57
93	Preparation of glycoluril monomers for expanded cucurbit[n]uril synthesis. Tetrahedron, 2003, 59, 1961-1970.	1.9	56
94	Heterocycleâ€“Heterocycle Strategies: (2-Nitrophenyl)isoxazole Precursors to 4-Aminoquinolines, 1H-Indoles, and Quinolin-4(1H)-ones. Organic Letters, 2013, 15, 2062-2065.	4.6	56
95	Effect of charge on bond formation and cleavage in main-group-transition-metal clusters: the reactions of Bi2Fe3(CO)9 with [Fe(CO)4]2- and [Co(CO)4]-. Journal of the American Chemical Society, 1986, 108, 2778-2780.	13.7	55
96	Synthesis and Characterization of [Î·4-P7Ni(CO)]3-, [Î·4-HP7Ni(CO)]2-, and [Î·2-P7PtH(PPh3)]2-:Â Two Electronically Equivalent Protonated Zintl Ion Complexes with Markedly Different Structures. Journal of the American Chemical Society, 1996, 118, 4713-4714.	13.7	55
97	Controlled Aggregation of ME8n-Binary Anions (M = Cr, Mo; E = As, Sb) into One-Dimensional Arrays:Â Structures, Magnetism and Spectroscopy. Journal of the American Chemical Society, 2003, 125, 7367-7376.	13.7	55
98	Univalent transition metal complexes of arenes stabilized by a bulky terphenylligand: differences in the stability of Cr(i), Mn(i) or Fe(i) complexes. Chemical Communications, 2008, , 1014-1016.	4.1	55
99	A new titanoniobate ionâ€”completing the series [Nb10O28]6â^', [TiNb9O28]7â^' and [Ti2Nb8O28]8â^'. Dalton Transactions, 2009, , 2677.	3.3	55
100	Synthesis and characterization of an iron carbonyl cluster containing bismuth: crystal and molecular structure of tetraethylammonium (.mu.3-bismuthido)nonacarbonyl(.mu.3-carbonyl)-triangulo-triferrate(1-), [Et4N][(.mu.3-Bi)Fe3(CO)9(.mu.3-CO)], a closo cluster of the first transition series with a large heteroatom. Inorganic Chemistry, 1984, 23, 4227-4232.	4.0	54
101	Living Zieglerâ^'Natta Polymerization by Early Transition Metals:Â Synthesis and Evaluation of Cationic Zirconium Alkyl Complexes Bearing Î²-Hydrogens as Models for Propagating Centers. Journal of the American Chemical Society, 2006, 128, 3420-3432.	13.7	54
102	Two-Coordinate First Row Transition Metal Complexes with Short Unsupported Metalâ^'Metal Bonds. Journal of the American Chemical Society, 2010, 132, 17399-17401.	13.7	54
103	Diastereoselective Formation of Methylene-Bridged Glycoluril Dimers. Organic Letters, 2000, 2, 755-758.	4.6	53
104	Spin-State Crossover with Structural Changes in a Cobalt(II) Organometallic Species: Low-Coordinate, First Row, Heteroleptic Amido Transition Metal Aryls. Synthesis and Characterization of Arâ€²MN(H)Ar[#] (M = Mn, Fe, Co) (Arâ€² =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (C₆H₃-	4.0	52
105	I Enantiocontrol with a Hydrogen-bond Directing Pyrrolidinylsilanol Catalyst. ACS Catalysis, 2012, 2, 1661-1666.	11.2	52
106	The Monomeric Alanediyl :AlAr^{iPr8} (Ar^{iPr8} =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 An Organoaluminum(I) Compound with a One-Coordinate Aluminum Atom. Journal of the American Chemical Society, 2020, 142, 20554-20559.	13.7	52
107	Four psychrotolerant species with high chemical diversity consistently producing cycloaspeptide A, Penicillium jamesonlandense sp. nov., Penicillium ribium sp. nov., Penicillium soppii and Penicillium lanosum. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1427-1437.	1.7	51
108	Highly Selective Hydroboration of Alkenes, Ketones and Aldehydes Catalyzed by a Wellâ€Đefined Manganese Complex. Angewandte Chemie, 2016, 128, 14581-14584.	2.0	51

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109	Asymmetric Catalysis: Resinâ€Bound Hydroxyprolylthreonine Derivatives in Enamineâ€Mediated Reactions. Angewandte Chemie - International Edition, 2008, 47, 6407-6410.	13.8	50
110	The Role of Group 14 Element Hydrides in the Activation of Câ€“H Bonds in Cyclic Olefins. Journal of the American Chemical Society, 2012, 134, 14595-14603.	13.7	50
111	Regarding the Stability of d0Monocyclopentadienyl Zirconium Acetamidinate Complexes Bearing Alkyl Substituents with Î²-Hydrogens. Journal of the American Chemical Society, 2002, 124, 5932-5933.	13.7	49
112	Potent s-cis-Locked Bithiazole Correctors of Î”F508 Cystic Fibrosis Transmembrane Conductance Regulator Cellular Processing for Cystic Fibrosis Therapy. Journal of Medicinal Chemistry, 2008, 51, 6044-6054.	6.4	49
113	Oxidation/reduction chemistry of iron carbonyl clusters containing germanium, tin, or lead: crystal and molecular structures of [Et4N]2[Fe3(CO)9(.mu.3-CO)(.mu.3-Ge{Fe(CO)4})] and Pb[Fe2(CO)8]2. Inorganic Chemistry, 1987, 26, 3491-3499.	4.0	48
114	[Ni5Sb17]4-Transition-Metal Zintl Ion Complex:Â Crossing the Zintl Border in Molecular Intermetalloid Clusters. Inorganic Chemistry, 2007, 46, 1036-1038.	4.0	48
115	Synthesis and Characterization of Low-Coordinate Divalent Aryl Transition-Metal Halide Analogues of Grignard Reagents:Â Precursors for Reduction to Metalâ^'Metal-Bonded Complexes. Inorganic Chemistry, 2007, 46, 4809-4814.	4.0	48
116	Ammonia synthons for the multicomponent assembly of complex Î³-lactams. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6781-6786.	7.1	48
117	Reversible and Irreversible Higher-Order Cycloaddition Reactions of Polyolefins with a Multiple-Bonded Heavier Group 13 Alkene Analogue: Contrasting the Behavior of Systems with Ï€â€“Ï€, Ï€â€“Ï€*, and Ï€â€“n₊ Frontier Molecular Orbital Symmetry. Journal of the American Chemical Society, 2012, 134, 7155-7164.	13.7	47
118	Synthesis and x-ray crystallographic characterization of (Î¼3-Bi)2Fe3(CO)9: A reformulation of Hieber's Bi2Fe5(CO)20. Journal of Organometallic Chemistry, 1985, 284, 13-23.	1.8	46
119	Synthesis, Structure and Coordination Chemistry of MoAs82-. Journal of the American Chemical Society, 1998, 120, 9708-9709.	13.7	46
120	Tetraalkylammonium Salts as Stereospecific Alkylating Agents for Highly Nucleophilic Polyphosphide Zintl Anions: Preparation of [RP7W(CO)3]2-, [R2P7]-, and R2R'P7 Compounds from R4N+ Reagents. Journal of the American Chemical Society, 1995, 117, 5303-5311.	13.7	45
121	Different reactivity of the heavier group 14 element alkyne analogues Arâ€²MMArâ€² (M = Ge, Sn; Arâ€² =) Tj ETQq1 1 0.784314 rgB	4.1	45
122	Synthesis, Characterization, and CO Elimination of Ferrio-Substituted Two-Coordinate Germylenes and Stannylenes. Organometallics, 2011, 30, 6316-6322.	2.3	45
123	Structural Characterization of Five Sterically Protected Porphyrins. Journal of the American Chemical Society, 1996, 118, 3216-3224.	13.7	44
124	Synthesis and Structural Characterization of a Series of Dimeric Metal(II) Imido Complexes {M(Î¼-NAr[#])}₂ [M = Ge, Sn, Pb; Ar[#] = C₆H₃-2,6-(C₆H₂-2,4,6-Me₃)₂] and the Related Monomeric Primary Amido Derivatives M{N(H)Ar[#]}₂ (M = Ge,) Tj ETQq0 0 0 rgBT /Overlock 1	4.0	43
125	2010, 49, 7097-7105. Synthesis of Benzodihydrofurans by Asymmetric Câ^'H Insertion Reactions of Donor/Donor Rhodium Carbenes. Chemistry - A European Journal, 2017, 23, 11843-11855.	3.3	43
126	Structural and theoretical discussion of tridecacarbonyltetrabismuthtetraferrate(2-): application of MO and Teo electron counting theories to a Zintl-metal carbonylate. Inorganic Chemistry, 1986, 25, 2799-2805.	4.0	42

#	Article	IF	Citations
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389	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.	0.5	2
390	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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397	Controlled Aggregation of MEn-8 Binary Anions (M: Cr, Mo; E: As, Sb) into One-Dimensional Arrays: Structures, Magnetism and Spectroscopy.. ChemInform, 2003, 34, no.	0.0	1
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