

Arnold L Rheingold

List of Publications by Year in descending order

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1,623
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62,943
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1693
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1693
docs citations

1693
times ranked

29469
citing authors

#	ARTICLE	IF	CITATIONS
1	A Functional Model for O-O Bond Formation by the O ₂ -Evolving Complex in Photosystem II. <i>Science</i> , 1999, 283, 1524-1527.	6.0	701
2	A New Intermolecular Interaction: Unconventional Hydrogen Bonds with Element-Hydride Bonds as Proton Acceptor. <i>Accounts of Chemical Research</i> , 1996, 29, 348-354.	7.6	639
3	Reduced Anionic Mn ^{II} Molecules with Half-Integer Ground States as Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 1999, 38, 5329-5340.	1.9	586
4	Comparative in Vivo Stability of Copper-64-Labeled Cross-Bridged and Conventional Tetraazamacrocyclic Complexes. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 1465-1474.	2.9	449
5	Palladium-Catalyzed C-O Coupling Involving Unactivated Aryl Halides. Sterically Induced Reductive Elimination To Form the C-O Bond in Diaryl Ethers. <i>Journal of the American Chemical Society</i> , 1999, 121, 3224-3225.	6.6	434
6	Manganese Catalysts with Bulky Bipyridine Ligands for the Electrocatalytic Reduction of Carbon Dioxide: Eliminating Dimerization and Altering Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 5460-5471.	6.6	394
7	A Linear, O-Coordinated σ -CO ₂ Bound to Uranium. <i>Science</i> , 2004, 305, 1757-1759.	6.0	345
8	Variable character of O-O and M-O bonding in side-on (σ) 1:1 metal complexes of O ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3635-3640.	3.3	315
9	Luminescent transition-metal-containing cyclophanes (macromolecular squares): covalent self-assembly, host-guest studies and preliminary nanoporous materials applications. <i>Coordination Chemistry Reviews</i> , 1998, 171, 221-243.	9.5	313
10	Syntheses of tris(pyrazolyl)methane ligands and {[tris(pyrazolyl)methane]Mn(CO) ₃ }SO ₃ CF ₃ complexes: comparison of ligand donor properties. <i>Journal of Organometallic Chemistry</i> , 2000, 607, 120-128.	0.8	300
11	Structure and Magnetic Ordering of MII[N(CN) ₂] ₂ (M = Co, Ni). <i>Chemistry of Materials</i> , 1998, 10, 2552-2560.	3.2	299
12	Synthesis, Luminescence Properties, and Explosives Sensing with 1,1-Tetraphenylsilo- and 1,1-Silafluorene-vinylene Polymers. <i>Chemistry of Materials</i> , 2007, 19, 6459-6470.	3.2	294
13	Carbon-Sulfur Bond-Forming Reductive Elimination Involving sp ⁻ , sp ²⁻ , and sp ³ -Hybridized Carbon. Mechanism, Steric Effects, and Electronic Effects on Sulfide Formation. <i>Journal of the American Chemical Society</i> , 1998, 120, 9205-9219.	6.6	280
14	Cobalt single-molecule magnet. <i>Journal of Applied Physics</i> , 2002, 91, 7382.	1.1	258
15	A Supramolecular Approach to an Allosteric Catalyst. <i>Journal of the American Chemical Society</i> , 2003, 125, 10508-10509.	6.6	253
16	An Unusual Type of H...C...C...H Interaction: Ir-H...C...C...H-O and Ir-H...C...C...H-N Hydrogen Bonding and Its Involvement in σ -Bond Metathesis. <i>Journal of the American Chemical Society</i> , 1994, 116, 11014-11019.	6.6	228
17	Pd-Catalyzed Enantioselective C-H Iodination: Asymmetric Synthesis of Chiral Diarylmethylamines. <i>Journal of the American Chemical Society</i> , 2013, 135, 16344-16347.	6.6	222
18	Mechanistic Studies of the Palladium-Catalyzed Amination of Aryl Halides and the Oxidative Addition of Aryl Bromides to Pd(BINAP) ₂ and Pd(DPPF) ₂ : An Unusual Case of Zero-Order Kinetic Behavior and Product Inhibition. <i>Journal of the American Chemical Society</i> , 2000, 122, 4618-4630.	6.6	210

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19	Variable-Temperature Studies of Laser-Initiated $5T_2 \rightarrow 1A_1$ Intersystem Crossing in Spin-Crossover Complexes: Empirical Correlations between Activation Parameters and Ligand Structure in a Series of Polypyridyl Ferrous Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 2100-2112.	1.9	205
20	A New Class of Functionalized Polyoxometalates: Synthetic, Structural, Spectroscopic, and Electrochemical Studies of Organoimido Derivatives of $[Mo_6O_{19}]^{2-}$. <i>Journal of the American Chemical Society</i> , 2000, 122, 639-649.	6.6	201
21	Yttrium Cations We gratefully acknowledge Dr. Gerard Parkin and Dr. Brian Bridgewater for the use of the diffractometer at Columbia University and helpful discussions. Supported by NSF-CHE9502213, NIH-GM60654-01 (LCF), NIH-MARC (FGP), NSF-CHE-9705788 (W.D.H), and NSF Grant PCM8111745 for the purchase of the 400 MHz Spectrometer. Infrastructure at Hunter College is supported in part by NIH-Research Centers in Minor. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4031.	7.2	201
22	Atomically precise organomimetic cluster nanomolecules assembled via perfluoroaryl-thiol SNAr chemistry. <i>Nature Chemistry</i> , 2017, 9, 333-340.	6.6	201
23	Monomeric Alkyl and Hydride Derivatives of Zinc Supported by Poly(pyrazolyl)hydroborato Ligand: Synthetic, Structural, and Reactivity Studies. <i>Organometallics</i> , 1995, 14, 274-288.	1.1	198
24	Synthesis and Characterization of Cross-Bridged Cyclams and Pendant-Armed Derivatives and Structural Studies of Their Copper(II) Complexes. <i>Journal of the American Chemical Society</i> , 2000, 122, 10561-10572.	6.6	198
25	An Unconventional Intermolecular Three-Center $N \cdots H \cdots$ H ₂ Re Hydrogen Bond in Crystalline $[ReH_5(PPh_3)_3] \cdot indole \cdot C_6H_6$. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2507-2509.	4.4	195
26	Evolution of Iridium-Based Molecular Catalysts during Water Oxidation with Ceric Ammonium Nitrate. <i>Journal of the American Chemical Society</i> , 2011, 133, 19024-19027.	6.6	193
27	Quantum Tunneling of Magnetization in a New $[Mn_{18}]^{2+}$ Single-Molecule Magnet with $S = 13$. <i>Journal of the American Chemical Society</i> , 2002, 124, 9710-9711.	6.6	191
28	$[(Ph)_2nacnac]MCl_2(THF)_2$ (M = Ti, V, Cr): A New Class of Homogeneous Olefin Polymerization Catalysts Featuring β^2 -Diiminato Ligands. <i>Organometallics</i> , 1998, 17, 4541-4543.	1.1	187
29	Application of the Russig-Laatsch Reaction to Synthesize a Bis[5]helicene Chiral Pocket for Asymmetric Catalysis. <i>Journal of Organic Chemistry</i> , 2000, 65, 815-822.	1.7	182
30	Inducing and quantifying forbidden reactivity with single-molecule polymer mechanochemistry. <i>Nature Chemistry</i> , 2015, 7, 323-327.	6.6	182
31	Synthesis and Study of Cyclic π -Systems Containing Silicon and Germanium. The Question of Aromaticity in Cyclopentadienyl Analogues. <i>Journal of the American Chemical Society</i> , 1996, 118, 10457-10468.	6.6	178
32	Oxygen-atom transfer from nitrous oxide to a nickel metallacycle. Synthesis, structure, and reactions of $[\text{cyclic}] (2,2'-\text{bipyridine})Ni(OCH_2CH_2CH_2CH_2)$. <i>Journal of the American Chemical Society</i> , 1993, 115, 2075-2077.	6.6	177
33	Pt(Me-Duphos)-Catalyzed Asymmetric Hydrophosphination of Activated Olefins: Enantioselective Synthesis of Chiral Phosphines. <i>Organometallics</i> , 2000, 19, 950-953.	1.1	176
34	Synthesis and Reactions of Molybdenum Triamidoamine Complexes Containing Hexaisopropylterphenyl Substituents. <i>Inorganic Chemistry</i> , 2003, 42, 796-813.	1.9	176
35	Fast Magnetization Tunneling in Tetranickel(II) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2006, 45, 529-546.	1.9	176
36	Exchange bias in Ni ₄ single-molecule magnets. <i>Polyhedron</i> , 2003, 22, 1727-1733.	1.0	171

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37	Mechanism of the Rhodium(III)-Catalyzed Arylation of Imines via C-H Bond Functionalization: Inhibition by Substrate. <i>Journal of the American Chemical Society</i> , 2012, 134, 1482-1485.	6.6	169
38	Chiral Organolanthanides Designed for Asymmetric Catalysis. Synthesis, Characterization, and Configurational Interconversions of Chiral, C1-Symmetric Organolanthanide Halides, Amides, and Hydrocarbyls. <i>Journal of the American Chemical Society</i> , 1994, 116, 10212-10240.	6.6	167
39	Catalyst/Cocatalyst Nuclearity Effects in Single-Site Polymerization. Enhanced Polyethylene Branching and \pm -Olefin Comonomer Enchainment in Polymerizations Mediated by Binuclear Catalysts and Cocatalysts via a New Enchainment Pathway. <i>Journal of the American Chemical Society</i> , 2002, 124, 12725-12741.	6.6	167
40	Single-Molecule Magnets: Jahn-Teller Isomerism and the Origin of Two Magnetization Relaxation Processes in Mn12 Complexes. <i>Inorganic Chemistry</i> , 2001, 40, 2127-2146.	1.9	166
41	Crystal structure of a side-on superoxo complex of cobalt and hydrogen abstraction by a reactive terminal oxo ligand. <i>Journal of the American Chemical Society</i> , 1990, 112, 2445-2446.	6.6	163
42	A polyoxometalate incorporating an organoimido ligand: preparation and structure of [Mo5O18(MoNC6H4CH3)]2-. <i>Journal of the American Chemical Society</i> , 1992, 114, 345-346.	6.6	156
43	Kinetic Inertness and Electrochemical Behavior of Copper(II) Tetraazamacrocyclic Complexes: Possible Implications for in Vivo Stability. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4829-4833.	1.0	155
44	Aldehyde Decarbonylation Catalysis under Mild Conditions. <i>Organometallics</i> , 1999, 18, 5311-5317.	1.1	153
45	Combined Effects of Metal and Ligand Capable of Accepting a Proton or Hydrogen Bond Catalyze Anti-Markovnikov Hydration of Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3884-3887.	7.2	153
46	Mixed-valence dialkylbiferrocenium salts: an explanation for the observed temperature dependence of electron-transfer rates. <i>Journal of the American Chemical Society</i> , 1985, 107, 7996-8008.	6.6	152
47	Vaulted biaryls as chiral ligands for asymmetric catalytic Diels-Alder reactions. <i>Journal of the American Chemical Society</i> , 1993, 115, 3814-3815.	6.6	152
48	1-D and 2-D Homoleptic Dicyanamide Structures, [Ph4P]2{CoII[N(CN)2]4} and [Ph4P]{M[N(CN)2]3} (M =) Tj ETQq0 0 0 rgBT /Overlock	1.9	150
49	Intramolecular C-H Activation by an Open-Shell Cobalt(III) Imido Complex. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1508-1510.	7.2	149
50	Blue Phosphorescent Zwitterionic Iridium(III) Complexes Featuring Weakly Coordinating <i>nido</i> -Carborane-Based Ligands. <i>Journal of the American Chemical Society</i> , 2016, 138, 15758-15765.	6.6	148
51	Organometallic Gold(III) Reagents for Cysteine Arylation. <i>Journal of the American Chemical Society</i> , 2018, 140, 7065-7069.	6.6	148
52	1,1'-Spirobiindane-7,7'-diol: a novel, C2-symmetric chiral ligand. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 125-131.	1.8	145
53	Synthesis and Characterization of a Highly Reducing Neutral π -Extended Viologen and the Isostructural Hydrocarbon 4,4'-Di- <i>n</i> -octyl- <i>p</i> -quaterphenyl. <i>Journal of the American Chemical Society</i> , 2005, 127, 16559-16566.	6.6	145
54	High-Molecular-Weight Atactic Polypropylene from Metallocene Catalysts. 1. Me2Si(9-Flu)2ZrX2 (X =) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	144

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55	Synthesis and Characterization of Hypoelectronic Rhenaboranes. Analysis of the Geometric and Electronic Structures of Species Following Neither Borane nor Metal Cluster Electron-Counting Paradigms. <i>Journal of the American Chemical Society</i> , 2004, 126, 3203-3217.	6.6	144
56	An Antiaromatic Porphyrin Complex: A Tetraphenylporphyrinato(silicon)(L) ₂ (L = THF or Pyridine). <i>Journal of the American Chemical Society</i> , 2005, 127, 12212-12213.	6.6	141
57	Palladium-Catalyzed Asymmetric Phosphination. Scope, Mechanism, and Origin of Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2007, 129, 6847-6858.	6.6	141
58	Synthesis, Resolution, and Determination of Absolute Configuration of a Vaulted 2,2'-Binaphthol and a Vaulted 3,3'-Biphenanthrol (VAPOL). <i>Journal of the American Chemical Society</i> , 1996, 118, 3392-3405.	6.6	140
59	Synthesis, Structure, and Magnetic Properties of Valence Ambiguous Dinuclear Antiferromagnetically Coupled Cobalt and Ferromagnetically Coupled Iron Complexes Containing the Chloranilate(2 ⁻) and the Significantly Stronger Coupling Chloranilate(3 ⁻) Radical Trianion. <i>Journal of the American Chemical Society</i> , 2007, 129, 2360-2368.	6.6	140
60	Preparation, characterization, and x-ray crystal structure of an acetonitrile-complexed ruthenium silylene. <i>Journal of the American Chemical Society</i> , 1987, 109, 5872-5873.	6.6	138
61	A Chromium Catalyst for the Polymerization of Ethylene as a Homogeneous Model for the Phillips Catalyst. <i>Journal of the American Chemical Society</i> , 2005, 127, 1082-1083.	6.6	138
62	Catalytic Reduction of Dioxygen to Water with a Monomeric Manganese Complex at Room Temperature. <i>Journal of the American Chemical Society</i> , 2011, 133, 5810-5817.	6.6	138
63	Hydrogenation of cationic dicyclopentadienylzirconium(IV) alkyl complexes. Characterization of cationic zirconium(IV) hydrides. <i>Organometallics</i> , 1987, 6, 1041-1051.	1.1	137
64	Evidence for Alkane Coordination to an Electron-Rich Uranium Center. <i>Journal of the American Chemical Society</i> , 2003, 125, 15734-15735.	6.6	137
65	Appended 1,2-naphthoquinones as anticancer agents 1: synthesis, structural, spectral and antitumor activities of ortho-naphthoquinone thiosemicarbazone and its transition metal complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 271-278.	1.2	135
66	Bis(m-phenylene)-32-crown-10-Based Cryptands, Powerful Hosts for Paraquat Derivatives. <i>Journal of Organic Chemistry</i> , 2005, 70, 3231-3241.	1.7	134
67	Silolyl Anions and Silole Dianions: Structure of [K([18]crown-6)+]2[C4Me4Si2 ²⁻]. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 882-884.	4.4	132
68	Predicting the Diastereoselectivity of Rh-Mediated Intramolecular C-H Insertion. <i>Journal of the American Chemical Society</i> , 1996, 118, 547-556.	6.6	130
69	Novel silver(I)-organic coordination polymers: conversion of extended structures in the solid state as driven by argentophilic interactions. <i>Chemical Communications</i> , 2001, , 1762-1763.	2.2	130
70	Lynamicins A-E, Chlorinated Bisindole Pyrrole Antibiotics from a Novel Marine Actinomycete. <i>Journal of Natural Products</i> , 2008, 71, 1732-1737.	1.5	130
71	Structures and Magnetic Properties of Novel 1-D Coordination Polymers Containing Both Dicyanamide and Pyridine-Type Ligands. <i>Journal of Solid State Chemistry</i> , 1999, 145, 369-378.	1.4	129
72	The (Ph) ₂ nacnac Ligand in Organochromium Chemistry. <i>Organometallics</i> , 2002, 21, 952-960.	1.1	129

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73	Crystal disorder and triboluminescence: triethylammonium tetrakis(dibenzoylmethanato)europate. <i>Journal of the American Chemical Society</i> , 1987, 109, 2652-2658.	6.6	128
74	Supramolecular Chemistry: A Molecular Recognition and Self-Assembly Using Rigid Spacer-Chelators Bearing Cofacial Terpyridyl Palladium(II) Complexes Separated by 7 Å.... <i>Journal of the American Chemical Society</i> , 2001, 123, 3940-3952.	6.6	128
75	Catalytic Hydrosilylation Routes to Divinylbenzene Bridged Silole and Silafluorene Polymers. Applications to Surface Imaging of Explosive Particulates. <i>Macromolecules</i> , 2008, 41, 1237-1245.	2.2	127
76	Cooperative Transition Metal/Lewis Acid Bond-Activation Reactions by a Bidentate (Boryl)iminomethane Complex: A Significant Metal-Borane Interaction Promoted by a Small Bite-Angle LZ Chelate. <i>Journal of the American Chemical Society</i> , 2014, 136, 10262-10265.	6.6	127
77	Electronic Communication and Negative Binding Cooperativity in Diborylated Bithiophenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 16554-16565.	6.6	126
78	Nickel(II) and Palladium(II) Polymerization Catalysts Bearing a Fluorinated Cyclophane Ligand: Stabilization of the Reactive Intermediate. <i>Organometallics</i> , 2009, 28, 4452-4463.	1.1	125
79	Paramagnetic (Benzyl)chromium Complexes as Homogeneous Ethylene Polymerization Catalysts. <i>Organometallics</i> , 1995, 14, 738-745.	1.1	124
80	Synthesis and Characterization of N-Heterocyclic Carbene Complexes of Uranium(III). <i>Inorganic Chemistry</i> , 2004, 43, 855-857.	1.9	124
81	One-, Two-, and Three-Electron Reduction of a Cyclic Alkyl(amino)carbene-SbCl ₃ Adduct. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8176-8179.	7.2	124
82	Cobalt tris(mercaptoimidazolyl)borate complexes: synthetic studies and the structure of the first cobaltaboratrane. <i>Dalton Transactions</i> , 2004, , 1626.	1.6	122
83	The Weak-Link Approach to the Synthesis of Inorganic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 465-467.	7.2	121
84	(F8TPP)FeII/O ₂ Reactivity Studies {F8TPP = Tetrakis(2,6-difluorophenyl)porphyrinate(2-)}: A Spectroscopic (UV-Visible and NMR) and Kinetic Study of Solvent-Dependent (Fe/O ₂ = 1:1 or 2:1) Reversible O ₂ -Reduction and Ferryl Formation. <i>Inorganic Chemistry</i> , 2001, 40, 5754-5767.	1.9	121
85	A Fischer-type silylene complex of platinum: [trans-(Cy ₃ P) ₂ (H)Pt:Si(SEt) ₂]BPh ₄ . <i>Journal of the American Chemical Society</i> , 1993, 115, 7884-7885.	6.6	120
86	Base-Free Silylene Complexes without π -Donor Stabilization. Molecular Structure of [Cp*(PMe ₃) ₂ Ru:SiMe ₂][B(C ₆ F ₅) ₄]. <i>Journal of the American Chemical Society</i> , 1994, 116, 5495-5496.	6.6	120
87	A Synthetic, Structural, Magnetic, and Spectral Study of Several {Fe[tris(pyrazolyl)methane] ₂ }(BF ₄) ₂ Complexes: A Observation of an Unusual Spin-State Crossover. <i>Inorganic Chemistry</i> , 2001, 40, 1508-1520.	1.9	120
88	Imidazol-2-yl Complexes of Cp*Ir as Bifunctional Ambident Reactants. <i>Journal of the American Chemical Society</i> , 2008, 130, 13200-13201.	6.6	120
89	Highly Diastereoselective Synthesis of Tetrahydropyridines by a C-H Activation-Cyclization-Reduction Cascade. <i>Journal of the American Chemical Society</i> , 2012, 134, 4064-4067.	6.6	120
90	Isolation of Neutral Mono- and Dinuclear Gold Complexes of Cyclic (Alkyl)(amino)carbenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8964-8967.	7.2	119

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91	"Triple-decker sandwich" with a planar As ₅ ring. Synthesis and crystal structure of CpMo[μ-(η ⁴ -As ₅)]MoCp. <i>Journal of the American Chemical Society</i> , 1982, 104, 4727-4729.	6.6	115
92	Synthesis, Structure, and Magnetic Properties of Co ₂ {[N(CN) ₂] ₄ bpym}·H ₂ O and M{[N(CN) ₂] ₂ bpym}·H ₂ O (M = Mn, Fe, Co; bpym = 2,2'-Bipyrimidine). <i>Inorganic Chemistry</i> , 2000, 39, 1969-1973.	1.9	114
93	Catalyst/Cocatalyst Nuclearity Effects in Single-Site Olefin Polymerization. Significantly Enhanced 1-Octene and Isobutene Comonomer Enchainment in Ethylene Polymerizations Mediated by Binuclear Catalysts and Cocatalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 10788-10789.	6.6	114
94	Supramolecular recognition: On the kinetic lability of thermodynamically stable host-guest association complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4823-4829.	3.3	113
95	Bottleable (Amino)(Carboxy) Radicals Derived from Cyclic (Alkyl)(Amino) Carbenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 18766-18769.	6.6	113
96	Structural chemistry of transition metal complexes containing arsenic-arsenic bonds. <i>Chemical Reviews</i> , 1990, 90, 169-190.	23.0	112
97	Surprising Titanium Complexes Bearing 1,2-Pyrazolato Ligands: Synthesis, Structure, and Molecular Orbital Studies. <i>Journal of the American Chemical Society</i> , 1997, 119, 3387-3388.	6.6	112
98	A New Cryptand: Synthesis and Complexation with Paraquat. <i>Organic Letters</i> , 1999, 1, 1001-1004.	2.4	111
99	Homoscorpionate (Tris(pyrazolyl)borate) Ligands Containing Tethered 3-Phenyl Groups. <i>Inorganic Chemistry</i> , 1994, 33, 3666-3676.	1.9	110
100	Coordination of Rare-Earth Elements in Complexes with Monovacant Wells' Dawson Polyoxoanions. <i>Inorganic Chemistry</i> , 2001, 40, 1894-1901.	1.9	109
101	Actinide Hydride Complexes as Multielectron Reductants: Analogous Reduction Chemistry from [(C ₅ Me ₅) ₂ UH] ₂ , [(C ₅ Me ₅) ₂ UH ₂] ₂ , and [(C ₅ Me ₅) ₂ ThH ₂] ₂ . <i>Organometallics</i> , 2007, 26, 3568-3576.	1.1	109
102	Semiconducting Lead ²⁺ Sulfur ²⁻ Organic Network Solids. <i>Journal of the American Chemical Society</i> , 2008, 130, 14-15.	6.6	108
103	Bimetallic reactivity, synthesis, structure and reactivity of homo- and heterobimetallic complexes of a binucleating macrocyclic ligand containing 6- and 4-coordination sites. <i>Inorganic Chemistry</i> , 1992, 31, 1835-1844.	1.9	106
104	Complexation of an amide to iridium via an iminol tautomer and evidence for H ⁺ ···H ⁻ ···O hydrogen bond. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1021-1022.	2.0	106
105	Observation of Redox-Induced Electron Transfer and Spin Crossover for Dinuclear Cobalt and Iron Complexes with the 2,5-Di- <i>tert</i> -butyl-3,6-dihydroxy-1,4-benzoquinone Bridging Ligand. <i>Journal of the American Chemical Society</i> , 2009, 131, 6229-6236.	6.6	106
106	Stable Silacyclopentadienyl Complexes of Ruthenium: (η ⁵ -C ₅ Me ₅)Ru(η ⁵ -Me ₄ C ₄ SiSi(SiMe ₃) ₃) and X-ray Structure of Its Protonated Form. <i>Journal of the American Chemical Society</i> , 1994, 116, 8428-8429.	6.6	105
107	Stress-Responsive Polymers Containing Cyclobutane Core Mechanophores: Reactivity and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2013, 135, 13598-13604.	6.6	105
108	Structure and magnetic properties of MnII[N(CN) ₂] ₂ (pyrazine). An antiferromagnet with an interpenetrating 3-D network structure. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3705-3706.	1.1	104

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109	Synthesis of (âˆš)-Morphine. <i>Journal of the American Chemical Society</i> , 2002, 124, 12416-12417.	6.6	104
110	Bâ€“N, Bâ€“O, and Bâ€“CN Bond Formation via Palladium-Catalyzed Cross-Coupling of B-Bromo-Carboranes. <i>Journal of the American Chemical Society</i> , 2016, 138, 9081-9084.	6.6	102
111	Crystal structures of three brilliantly triboluminescent centrosymmetric lanthanide complexes: piperidinium tetrakis(benzoylacetato)europate, hexakis(antipyrine)terbium triiodide, and hexaaquadichloroterbium chloride. <i>Inorganic Chemistry</i> , 1989, 28, 1715-1719.	1.9	100
112	Hydrotris(3-mesitylpyrazol-1-yl)borate and hydrobis(3-mesitylpyrazol-1-yl)(5-mesitylpyrazol-1-yl)borate: symmetric and asymmetric ligands with rotationally restricted aryl substituents. <i>Inorganic Chemistry</i> , 1993, 32, 3471-3477.	1.9	100
113	Electrocatalytic CO ₂ reduction by M(bpy-R)(CO) ₄ (M = Mo, W; R = H, tBu) complexes. Electrochemical, spectroscopic, and computational studies and comparison with group 7 catalysts. <i>Chemical Science</i> , 2014, 5, 1894-1900.	3.7	100
114	Asymmetric syntheses of sceptrin and massadine and evidence for biosynthetic enantiodivergence. <i>Science</i> , 2014, 346, 219-224.	6.0	100
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1266	Ligand exchange photochemistry of $\text{M}_2(\text{CO})_4(\eta^5\text{-C}_5\text{H}_4\text{CH}_2\text{C}_5\text{H}_4)$ ($\text{M} = \text{Fe}$ or Ru) and thermal acetylene exchange of $\text{Ru}_2(\text{CO})_8(\eta^5\text{-C}_5\text{H}_4\text{CH}_2\text{C}_5\text{H}_4)$ to give $\text{Ru}_2(\text{CO})_8(\eta^5\text{-C}_5\text{H}_4\text{CH}_2\text{C}_5\text{H}_4)$. <i>Journal of Organometallic Chemistry</i> , 1997, 547, 23-33.	0.8	9
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1515	2-Amino-4-methylpyridinium trifluoroacetate: a monoclinic polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o844-o844.	0.2	2
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