

William Brennessel

List of Publications by Year in descending order

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287
papers

12,197
citations

30070

54
h-index

32842

100
g-index

304
all docs

304
docs citations

304
times ranked

10287
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallographic and Spectroscopic Characterization of a Nonheme Fe(IV)&cs0811;O Complex. <i>Science</i> , 2003, 299, 1037-1039.	12.6	870
2	N ₂ Reduction and Hydrogenation to Ammonia by a Molecular Iron-Potassium Complex. <i>Science</i> , 2011, 334, 780-783.	12.6	482
3	An Efficient Low-Temperature Route to Polycyclic Isoquinoline Salt Synthesis via C-H Activation with [Cp* ₂ MCl] ₂ (M = Rh, Ir). <i>Journal of the American Chemical Society</i> , 2008, 130, 12414-12419.	13.7	442
4	A Molecular Iron Catalyst for the Acceptorless Dehydrogenation and Hydrogenation of N-Heterocycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 8564-8567.	13.7	429
5	A Cobalt-Dithiolene Complex for the Photocatalytic and Electrocatalytic Reduction of Protons. <i>Journal of the American Chemical Society</i> , 2011, 133, 15368-15371.	13.7	364
6	Visible Light-Driven Hydrogen Production from Aqueous Protons Catalyzed by Molecular Cobaloxime Catalysts. <i>Inorganic Chemistry</i> , 2009, 48, 4952-4962.	4.0	347
7	C-H Activation of Phenyl Imines and 2-Phenylpyridines with [Cp* ₂ MCl] ₂ (M =) Tj ETQq _{1,2,3} 0.784314 rgBT 340	11.0	340
8	Cobalt-dithiolene complexes for the photocatalytic and electrocatalytic reduction of protons in aqueous solutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15594-15599.	7.1	268
9	Nickel Pyridinethiolate Complexes as Catalysts for the Light-Driven Production of Hydrogen from Aqueous Solutions in Noble-Metal-Free Systems. <i>Journal of the American Chemical Society</i> , 2013, 135, 14659-14669.	13.7	239
10	Nickel Complexes for Robust Light-Driven and Electrocatalytic Hydrogen Production from Water. <i>ACS Catalysis</i> , 2015, 5, 1397-1406.	11.2	221
11	<i>Z</i> -Selective Alkene Isomerization by High-Spin Cobalt(II) Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 945-955.	13.7	196
12	Rapid, Regioconvergent, Solvent-Free Alkene Hydrosilylation with a Cobalt Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 13244-13247.	13.7	192
13	Dioxygen Activation at a Single Copper Site: Structure, Bonding, and Mechanism of Formation of 1:1 Cu ²⁺ O ₂ Adducts. <i>Journal of the American Chemical Society</i> , 2004, 126, 16896-16911.	13.7	184
14	The Reactivity Patterns of Low-Coordinate Iron ²⁺ Hydride Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 6624-6638.	13.7	179
15	Impact of Ligand Exchange in Hydrogen Production from Cobaloxime-Containing Photocatalytic Systems. <i>Inorganic Chemistry</i> , 2011, 50, 10660-10666.	4.0	153
16	Catalytic Upgrading of Ethanol to <i>n</i> -Butanol via Manganese-Mediated Guerbet Reaction. <i>ACS Catalysis</i> , 2018, 8, 997-1002.	11.2	141
17	Experimental and Theoretical Examination of C ⁺ CN and C ⁺ H Bond Activations of Acetonitrile Using Zerovalent Nickel. <i>Journal of the American Chemical Society</i> , 2007, 129, 7562-7569.	13.7	139
18	Luminescent Au(I)/Cu(I) Alkynyl Clusters with an Ethynyl Steroid and Related Aliphatic Ligands: An Octanuclear Au ₄ Cu ₄ Cluster and Luminescence Polymorphism in Au ₃ Cu ₂ Clusters. <i>Journal of the American Chemical Society</i> , 2010, 132, 12307-12318.	13.7	124

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19	Cobalt ^{II} Dinitrogen Complexes with Weakened N [≡] N Bonds. <i>Journal of the American Chemical Society</i> , 2009, 131, 9471-9472.	13.7	120
20	Photoinduced Electron Transfer in Platinum(II) Terpyridyl Acetylide Chromophores: Λ Reductive and Oxidative Quenching and Hydrogen Production. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6887-6894.	2.6	112
21	Exploring Trifluoromethylation Reactions at Nickel: A Structural and Reactivity Study. <i>Organometallics</i> , 2008, 27, 3933-3938.	2.3	107
22	A Single Nickel Catalyst for the Acceptorless Dehydrogenation of Alcohols and Hydrogenation of Carbonyl Compounds. <i>Organometallics</i> , 2015, 34, 5203-5206.	2.3	106
23	Additive-Free Cobalt-Catalyzed Hydrogenation of Esters to Alcohols. <i>ACS Catalysis</i> , 2017, 7, 3735-3740.	11.2	106
24	Tetranuclear Copper(I) Iodide Complexes of Chelating Bis(1-benzyl-1H-1,2,3-triazole) Ligands: Structural Characterization and Solid State Photoluminescence. <i>Inorganic Chemistry</i> , 2010, 49, 2834-2843.	4.0	105
25	Alkali Metal Control over N [≡] N Cleavage in Iron Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 16807-16816.	13.7	103
26	Reduction of CO ₂ to CO Using Low-Coordinate Iron: η^5 Formation of a Four-Coordinate Iron Dicarbonyl Complex and a Bridging Carbonate Complex. <i>Inorganic Chemistry</i> , 2008, 47, 784-786.	4.0	102
27	Synthesis and Characterization of Neutral Luminescent Diphosphine Pyrrole- and Indole-Aldimine Copper(I) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 7172-7188.	4.0	98
28	Catalytic Light-Driven Generation of Hydrogen from Water by Iron Dithiolene Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 11654-11663.	13.7	96
29	Three-Coordinate and Four-Coordinate Cobalt Hydride Complexes That React with Dinitrogen. <i>Journal of the American Chemical Society</i> , 2009, 131, 10804-10805.	13.7	94
30	Decarboxylative trifluoromethylation of aryl halides using well-defined copper ^{II} -trifluoroacetate and η^5 -chlorodifluoroacetate precursors. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1108-1112.	1.7	90
31	C [≡] CN Bond Activation of Aromatic Nitriles and Fluxionality of the η^2 -Arene Intermediates: Experimental and Theoretical Investigations. <i>Organometallics</i> , 2010, 29, 2430-2445.	2.3	87
32	Photoluminescent Copper(I) Complexes with Amido-Triazolato Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 3431-3441.	4.0	86
33	Bis(1,2,3,4- λ^4 -anthracene)cobaltate(1 ⁻). <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1211-1215.	13.8	85
34	Reversible C [≡] C Bond Formation between Redox-Active Pyridine Ligands in Iron Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 20352-20364.	13.7	85
35	Cyclometalated 6-Phenyl-2,2'-bipyridyl (CNN) Platinum(II) Acetylide Complexes: Structure, Electrochemistry, Photophysics, and Oxidative- and Reductive-Quenching Studies. <i>Inorganic Chemistry</i> , 2009, 48, 4306-4316.	4.0	83
36	Isolation, Characterization, and Reactivity of Fe ₈ Me ₁₂ μ^4 : Kochi TM s $\langle i \rangle S \langle /i \rangle = 1/2$ Species in Iron-Catalyzed Cross-Couplings with MeMgBr and Ferric Salts. <i>Journal of the American Chemical Society</i> , 2016, 138, 7492-7495.	13.7	81

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37	Synthesis and Reactivity of New Ni, Pd, and Pt 2,6-Bis(di- <i>tert</i> -butylphosphinito)pyridine Pincer Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9443-9453.	4.0	77
38	Reactivity and Regioselectivity of Insertion of Unsaturated Molecules into M ⁺ C (M = Ir, Rh) Bonds of Cyclometalated Complexes. <i>Organometallics</i> , 2010, 29, 4593-4605.	2.3	75
39	Low-Coordinate Cobalt Fluoride Complexes: Synthesis, Reactions, and Production from C ⁺ F Activation Reactions. <i>Organometallics</i> , 2012, 31, 1349-1360.	2.3	72
40	A Bridging Hexazene (RNNNNNR) Ligand from Reductive Coupling of Azides. <i>Journal of the American Chemical Society</i> , 2008, 130, 6074-6075.	13.7	70
41	Bis(1,2,3,4- <i>l</i> -anthracene)ferrate(1 ⁻): A Paramagnetic Homoleptic Polyarene Transition-Metal Anion. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6132-6136.	13.8	69
42	Competitive Carbon ⁺ Sulfur vs Carbon ⁺ Carbon Bond Activation of 2-Cyanothiophene with [Ni(dippe)H] ₂ . <i>Journal of the American Chemical Society</i> , 2010, 132, 12412-12421.	13.7	68
43	Identification of a Single Light Atom within a Multinuclear Metal Cluster Using Valence-to-Core X-ray Emission Spectroscopy. <i>Inorganic Chemistry</i> , 2011, 50, 10709-10717.	4.0	68
44	Catalytic Arene H/D Exchange with Novel Rhodium and Iridium Complexes. <i>Organometallics</i> , 2012, 31, 1943-1952.	2.3	66
45	Light-Driven Hydrogen Production from Aqueous Protons using Molybdenum Catalysts. <i>Inorganic Chemistry</i> , 2014, 53, 9860-9869.	4.0	65
46	Borane B ⁺ C Bond Cleavage by a Low-Coordinate Iron Hydride Complex and N ⁺ N Bond Cleavage by the Hydridoborate Product. <i>Organometallics</i> , 2007, 26, 3217-3226.	2.3	64
47	Solvent Effects and Activation Parameters in the Competitive Cleavage of C ⁺ CN and C ⁺ H Bonds in 2-Methyl-3-Butenenitrile Using [(dippe)NiH] ₂ . <i>Journal of the American Chemical Society</i> , 2008, 130, 8548-8554.	13.7	64
48	The <i>N</i> -Methylpyrrolidone (NMP) Effect in Iron ⁺ Catalyzed Cross ⁺ Coupling with Simple Ferric Salts and MeMgBr. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6496-6500.	13.8	64
49	Mechanistic Insight into NN Cleavage by a Low-Coordinate Iron(II) Hydride Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 8112-8121.	13.7	63
50	Iron(II) Complexes with Redox-Active Tetrazene (RNNNNR) Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 4828-4836.	4.0	61
51	Isolation and Characterization of a Tetramethyliron(III) Ferrate: An Intermediate in the Reduction Pathway of Ferric Salts with MeMgBr. <i>Journal of the American Chemical Society</i> , 2014, 136, 15457-15460.	13.7	61
52	Oxygen-Atom Vacancy Formation at Polyoxovanadate Clusters: Homogeneous Models for Reducible Metal Oxides. <i>Journal of the American Chemical Society</i> , 2018, 140, 8424-8428.	13.7	59
53	Naphthalene and Anthracene Cobaltates(1 ⁻): Useful Storable Sources of an Atomic Cobalt Anion. <i>Inorganic Chemistry</i> , 2012, 51, 9076-9094.	4.0	58
54	Multimetallic cooperativity in activation of dinitrogen at iron ⁺ potassium sites. <i>Chemical Science</i> , 2014, 5, 267-274.	7.4	55

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55	Activation of Aromatic, Aliphatic, and Olefinic Carbon–Fluorine Bonds Using Cp*2HfH2. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2839-2847.	2.0	53
56	Tris(1,4-naphthalene)- and Tris(1,4-anthracene)tantalate(1 ⁺): First Homoleptic Arene Complexes of Anionic Tantalum. <i>Journal of the American Chemical Society</i> , 2002, 124, 10258-10259.	13.7	52
57	Light-driven generation of hydrogen: New chromophore dyads for increased activity based on Bodipy dye and Pt(diimine)(dithiolate) complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3987-96.	7.1	52
58	Characterization of the Fe–H Bond in a Three-coordinate Terminal Hydride Complex of Iron(I). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3658-3662.	13.8	50
59	Efficient Bimolecular Mechanism of Photochemical Hydrogen Production Using Halogenated Boron-Dipyrromethene (Bodipy) Dyes and a Bis(dimethylglyoxime) Cobalt(III) Complex. <i>Journal of Physical Chemistry B</i> , 2016, 120, 527-534.	2.6	49
60	Organic Functionalization of Polyoxovanadate Alkoxide Clusters: Improving the Solubility of Multimetallic Charge Carriers for Nonaqueous Redox Flow Batteries. <i>ChemSusChem</i> , 2018, 11, 4139-4149.	6.8	49
61	Spontaneous Transition of Self-assembled Hydrogel Fibrils into Crystalline Microtubes Enables a Rational Strategy To Stabilize the Hydrogel State. <i>Langmuir</i> , 2015, 31, 9933-9942.	3.5	48
62	Polyoxovanadate Alkoxide Clusters as a Redox Reservoir for Iron. <i>Inorganic Chemistry</i> , 2017, 56, 7065-7080.	4.0	48
63	Rhodium–Carbon Bond Energies in TpRh(CNneopentyl)(CH ₂ X)H: Quantifying Stabilization Effects in M–C Bonds. <i>Journal of the American Chemical Society</i> , 2013, 135, 6994-7004.	13.7	47
64	Self-Assembled, Iron-Functionalized Polyoxovanadate Alkoxide Clusters. <i>Inorganic Chemistry</i> , 2016, 55, 7332-7334.	4.0	47
65	Mechanistic Insights on the Hydrodesulfurization of Biphenyl-2-thiol with Nickel Compounds. <i>Journal of the American Chemical Society</i> , 2009, 131, 4120-4126.	13.7	46
66	Intermediates and Reactivity in Iron-Catalyzed Cross-Couplings of Alkynyl Grignards with Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2017, 139, 6988-7003.	13.7	46
67	Selective C–H Activation of Haloalkanes using a Rhodiumtrispyrazolylborate Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 10742-10752.	13.7	45
68	C–H and C–CN Bond Activation of Acetonitrile and Succinonitrile by [TpRh(PR ₃) ₃]. <i>Organometallics</i> , 2011, 30, 834-843.	2.3	44
69	Reduction of CO ₂ by a masked two-coordinate cobalt(II) complex and characterization of a proposed oxodicobalt(II) intermediate. <i>Chemical Science</i> , 2019, 10, 918-929.	7.4	44
70	Synthesis, Electrochemistry, Photophysics, and Solvatochromism in New Cyclometalated 6-Phenyl-4-(p-R-phenyl)-2,2'-bipyridyl (R = Me, COOMe, P(O)(OEt) ₂) (C ⁺ N [−] N) Platinum(II) Thiophenolate Chromophores. <i>Inorganic Chemistry</i> , 2009, 48, 1498-1506.	4.0	42
71	Mechanistic investigation of vinylic carbon–fluorine bond activation of perfluorinated cycloalkenes using Cp*2ZrH2 and Cp*2ZrHF. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1122-1132.	1.7	42
72	Isolation and Characterization of Stable Iron(I) Sulfide Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8247-8250.	13.8	42

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73	Tuning the redox profiles of polyoxovanadate-alkoxide clusters <i>via</i> heterometal installation: toward designer redox Reagents. Dalton Transactions, 2018, 47, 3698-3704.	3.3	42
74	Trimethylsilylated Allyl Complexes of Nickel. The Stabilized Bis(Î€-allyl)nickel Complex [Î-3-1,3-(SiMe3)2C3H3]2Ni and Its Mono(Î€-allyl)NiX (X = Br, I) Derivatives. Journal of the American Chemical Society, 2005, 127, 4376-4387.	13.7	41
75	Coordination of N-methylpyrrolidone to iron(II). Journal of Organometallic Chemistry, 2009, 694, 4204-4208.	1.8	41
76	The Effect of Î²â€Hydrogen Atoms on Iron Speciation in Crossâ€Couplings with Simple Iron Salts and Alkyl Grignard Reagents. Angewandte Chemie - International Edition, 2019, 58, 2769-2773.	13.8	41
77	Metal Allyl Complexes with Bulky Ligands:Â Stabilization of Homoleptic Thorium Compounds, [(SiMe3)nC3H5-n]4Th (n = 1, 2). Journal of the American Chemical Society, 2004, 126, 10550-10551.	13.7	39
78	Identification and Reactivity of Cyclometalated Iron(II) Intermediates in Triazole-Directed Iron-Catalyzed Câ€H Activation. Journal of the American Chemical Society, 2019, 141, 12338-12345.	13.7	39
79	Synthesis, Properties, and Reactivity of Diketimate-Supported Cobalt Fluoride Complexes. Organometallics, 2009, 28, 6650-6656.	2.3	38
80	Kinetic and Thermodynamic Selectivity of Intermolecular Câ€H Activation at [Tpâ€Rh(PMe₃)₃]. How Does the Ancillary Ligand Affect the Metalâ€Carbon Bond Strength?. Journal of the American Chemical Society, 2013, 135, 16198-16212.	13.7	38
81	Highest Recorded Nâ€O Stretching Frequency for 6-Coordinate {Fe-NO}⁷ Complexes: An Iron Nitrosyl Model for His₃ Active Sites. Inorganic Chemistry, 2014, 53, 5414-5416.	4.0	38
82	Synthesis, Spectroscopy, and Hydrogen/Deuterium Exchange in High-Spin Iron(II) Hydride Complexes. Inorganic Chemistry, 2014, 53, 2370-2380.	4.0	38
83	Homoleptic Isocyanidemetalates of 4d- and 5d-Transition Metals:Â [Nb(CNXyl)6]-, [Ta(CNXyl)6]-, and Derivatives Thereof1. Journal of the American Chemical Society, 2007, 129, 1141-1150.	13.7	37
84	A coordination network containing non-coordinating polyoxometalate clusters as counterions. Dalton Transactions, 2003, , 4678.	3.3	36
85	Towards Homoleptic Naphthalenemetalates of the Later Transition Metals: Isolation and Characterization of Naphthalenecobaltates(1â€). Angewandte Chemie - International Edition, 2006, 45, 7268-7271.	13.8	36
86	Ligand Dependence of Binding to Three-Coordinate Fe(II) Complexes. Inorganic Chemistry, 2009, 48, 5106-5116.	4.0	35
87	Synthesis, structure, and reductive elimination in the series Tpâ€Rh(PR3)(ArF)H; Determination of rhodiumâ€carbon bond energies of fluoroaryl substituents. Dalton Transactions, 2010, 39, 10495.	3.3	35
88	Câ€S Bond Activation of Thioesters Using Platinum(0). Organometallics, 2011, 30, 5147-5154.	2.3	35
89	Catalytic Dehydrogenative Câ€C Coupling by a Pincer-Ligated Iridium Complex. Journal of the American Chemical Society, 2017, 139, 8977-8989.	13.7	35
90	Bis(1,3â€trimethylsilylallyl)beryllium. Angewandte Chemie - International Edition, 2010, 49, 5870-5874.	13.8	34

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91	The Mechanism of N≡N Double Bond Cleavage by an Iron(II) Hydride Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 12112-12123.	13.7	34
92	Multinuclear iron-phenyl species in reactions of simple iron salts with PhMgBr: identification of Fe ₄ (1/4-Ph) ₆ (THF) ₄ as a key reactive species for cross-coupling catalysis. <i>Chemical Science</i> , 2018, 9, 7931-7939.	7.4	34
93	[Fe(CNXyl) ₄] ²⁻ : An Isolable and Structurally Characterized Homoleptic Isocyanidometalate Dianion. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 598-600.	13.8	33
94	Site-Selective Halogenation of Polyoxovanadate Clusters: Atomically Precise Models for Electronic Effects of Anion Doping in VO ₂ . <i>Journal of the American Chemical Society</i> , 2020, 142, 1049-1056.	13.7	33
95	Synthesis, Isolation, and Characterization of Trisodium Tricarbonyliridate (3 ⁻), Na ₃ [Ir(CO) ₃]. Initial Studies on Its Derivative Chemistry and Structural Characterizations of trans-[Ir(CO) ₃ (EPh ₃) ₂], E = Ge, Sn, and trans-[Co(CO) ₃ (SnPh ₃) ₂]. <i>Inorganic Chemistry</i> , 2001, 40, 5279-5284.	4.0	31
96	Trimethylsilylated Allyl Complexes of the Heavy Alkali Metals, M[1,3-(SiMe ₃) ₂ C ₃ H ₃](thf) _n (M = K, Rb, Cs, Tl). <i>Journal of Organometallic Chemistry</i> , 2000, 600, 1-10.	2.0	30
97	Homoleptic allyl complexes of chromium with trimethylsilylated ligands. Formation and molecular structure of {[1-(SiMe ₃)C ₃ H ₄] ₂ Cr} ₂ , [1,3-(SiMe ₃) ₂ C ₃ H ₃] ₂ Cr, and [1,1,3-(SiMe ₃) ₃ C ₃ H ₂] ₂ Cr. <i>Journal of Organometallic Chemistry</i> , 2003, 683, 191-199.	1.8	30
98	Linear Bis(perfluoroalkyl) Complexes of Nickel Bipyridine. <i>Organometallics</i> , 2012, 31, 1477-1483.	2.3	30
99	Exploring Oxidation of Half-Sandwich Rhodium Complexes: Oxygen Atom Insertion into the Rhodium-Carbon Bond of ^η -Coordinated 2-Phenylpyridine. <i>Organometallics</i> , 2014, 33, 4442-4448.	2.3	30
100	Rapid oxidative hydrogen evolution from a family of square-planar nickel hydride complexes. <i>Chemical Science</i> , 2016, 7, 117-127.	7.4	30
101	Mechanism of the Bis(imino)pyridine-Iron-Catalyzed Hydromagnesiation of Styrene Derivatives. <i>Journal of the American Chemical Society</i> , 2019, 141, 10099-10108.	13.7	30
102	Cobalt-Magnesium and Iron-Magnesium Complexes with Weakened Dinitrogen Bridges. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3891-3897.	2.0	28
103	NHC and nucleophile chelation effects on reactive iron(ii) species in alkyl-alkyl cross-coupling. <i>Chemical Science</i> , 2018, 9, 1878-1891.	7.4	28
104	Dome-distortion and fluorine-lined channels: synthesis, and molecular and crystal structure of a metal- and C-H bonds-free fluorophthalocyanine. <i>Chemical Communications</i> , 2003, , 1576-1577.	4.1	27
105	Reactivity Differences of Pt ⁰ Phosphine Complexes in C-C Bond Activation of Asymmetric Acetylenes. <i>Organometallics</i> , 2009, 28, 6524-6530.	2.3	27
106	C≡CN vs C-H Cleavage of Benzonitrile Using [(dippe)PtH] ₂ . <i>Organometallics</i> , 2011, 30, 1523-1529.	2.3	27
107	C≡CN Bond Activation of Benzonitrile with [Rh ⁺ (dippe)] ⁺ . <i>Organometallics</i> , 2011, 30, 5604-5610.	2.3	27
108	Tris(1,4- <i>λ</i> -anthracene)niobate(1 ⁻), the first polyaromatic hydrocarbon complex of niobium. <i>Chemical Communications</i> , 2002, , 2356.	4.1	26

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109	Tunable Spin-Crossover Behavior in Polymethylated Bis(indenyl)chromium(II) Complexes: The Significance of Benzo-Ring Substitution. <i>Organometallics</i> , 2008, 27, 5464-5473.	2.3	26
110	Synthesis and X-ray crystallographic characterization of substituted aryl imines. <i>Journal of Molecular Structure</i> , 2011, 992, 33-38.	3.6	26
111	Diazoalkanes in Low-Coordinate Iron Chemistry: Bimetallic Diazoalkyl and Alkylidene Complexes of Iron(II). <i>Inorganic Chemistry</i> , 2017, 56, 1019-1022.	4.0	26
112	Atom-Economical Ni-Catalyzed Diborylative Cyclization of Enynes: Preparation of Unsymmetrical Diboronates. <i>Organic Letters</i> , 2019, 21, 6552-6556.	4.6	26
113	Indenyl Complexes of Manganese(II). Conformational Flexibility of the Manganese(II)-C ₉ H ₇ Bond. <i>Organometallics</i> , 2010, 29, 2322-2331.	2.3	25
114	Carbon-Sulfur Bond Activation of Dibenzothiophenes and Phenoxythiin by [Rh(dippe)(¹ /4-H)] ₂ and [Rh ₂ (dippe) ₂ (¹ /4-Cl)(¹ /4-H)]. <i>Organometallics</i> , 2010, 29, 4923-4931.	2.3	25
115	C-H Activation of Terminal Alkynes by Tris-(3,5-dimethylpyrazolyl)boraterhodiumneopentylisocyanide: New Metal-Carbon Bond Strengths. <i>Journal of the American Chemical Society</i> , 2012, 134, 9276-9284.	13.7	25
116	Spin Isomers and Ligand Isomerization in a Three-Coordinate Cobalt(I) Carbonyl Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 10689-10699.	13.7	25
117	Synthesis, Characterization, and Nitrogenase-Relevant Reactions of an Iron Sulfide Complex with a Bridging Hydride. <i>Journal of the American Chemical Society</i> , 2015, 137, 13220-13223.	13.7	25
118	Mechanochemical Influence on the Stereoselectivity of Halide Metathesis: Synthesis of Group 15 Tris(allyl) Complexes. <i>Organometallics</i> , 2016, 35, 1698-1706.	2.3	25
119	Oxygen atom transfer with organofunctionalized polyoxovanadium clusters: O-atom vacancy formation with tertiary phosphanes and deoxygenation of styrene oxide. <i>Chemical Science</i> , 2019, 10, 8035-8045.	7.4	25
120	Allyl complexes of the heavy alkaline-earth metals: molecular structure and catalytic behavior. <i>New Journal of Chemistry</i> , 2010, 34, 1579.	2.8	24
121	Synthesis, Characterization, and Reactivities of Molybdenum and Tungsten PONOP Pincer Complexes. <i>Organometallics</i> , 2016, 35, 3124-3131.	2.3	24
122	Homoleptic Aryl Complexes of Uranium (IV). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10266-10270.	13.8	24
123	A synthetic small molecule stalls pre-mRNA splicing by promoting an early-stage U2AF2-RNA complex. <i>Cell Chemical Biology</i> , 2021, 28, 1145-1157.e6.	5.2	24
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283	Crystal structures of {1,1,1-tris[(salicylaldimino)methyl]ethane}gallium as both a pyridine solvate and an acetonitrile 0.75-solvate and {1,1,1-tris[(salicylaldimino)methyl]ethane}indium dichloromethane solvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 615-620.	0.5	0
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286	Iridium(I)- and Rhodium(I)-Olefin Complexes Containing an λ^1 -Diimine Supporting Ligand. <i>Organometallics</i> , 0, , .	2.3	0
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