

William Brennessel

List of Publications by Year in descending order

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287
papers

12,197
citations

34493

54
h-index

38517

99
g-index

304
all docs

304
docs citations

304
times ranked

11424
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and molecular structure of half-sandwich ruthenium(II) complexes containing pyrazolyl ligands: Solvent induced geometrical change in η^2 -scorpionate supported complex. <i>Journal of Molecular Structure</i> , 2022, 1251, 132005.	1.8	0
2	Crystal structures of two novel iron isocyanides from the reaction of 2,6-dimethylphenyl isocyanide, CNXyl, with bis(anthracene)ferrate(η^1). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 60-65.	0.2	2
3	A TMEDA η^1 -Iron Adduct Reaction Manifold in Iron η^1 -Catalyzed C(sp ²) η^1 -C(sp ³) Cross η^1 -Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	4
4	Syntheses and crystal structures of new naphthalene η^1 and anthracene η^1 -vanadate salts and an unprecedented dimetallabis(anthracene) sandwich complex: [Na(tetrahydrofuran) ₃][V ₂ (anthracene) ₂]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 148-163.	0.2	3
5	Oxygen-Atom Defect Formation in Polyoxovanadate Clusters via Proton-Coupled Electron Transfer. <i>Journal of the American Chemical Society</i> , 2022, 144, 5029-5041.	6.6	15
6	Charge-State Dependence of Proton Uptake in Polyoxovanadate-alkoxide Clusters. <i>Inorganic Chemistry</i> , 2022, 61, 4789-4800.	1.9	9
7	Synthesis and Characterization of Pyridine Dipyrrolide Uranyl Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 6182-6192.	1.9	3
8	Mechanistic insight into rapid oxygen-atom transfer from a calix-functionalized polyoxovanadate. <i>Chemical Communications</i> , 2022, , .	2.2	2
9	Surface ligands influence the selectivity of cation uptake in polyoxovanadate η^1 -alkoxide clusters. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12070-12078.	5.2	5
10	Modelling local structural and electronic consequences of proton and hydrogen-atom uptake in VO ₂ with polyoxovanadate clusters. <i>Chemical Science</i> , 2021, 12, 12744-12753.	3.7	9
11	Development of sterically hindered siloxide-functionalized polyoxotungstates for the complexation of 5d-metals. <i>Dalton Transactions</i> , 2021, 50, 4300-4310.	1.6	0
12	Alkyl Substituted Beta-Keto Acids: Molecular Structure and Decarboxylation Kinetics in Aqueous Solution and on the Surface of Metal Oxides. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3368-3384.	1.5	5
13	Probing the Mechanism for 2,4 η^2 -Dihydroxyacetophenone Dioxygenase Using Biomimetic Iron Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 7168-7179.	1.9	2
14	Mechanochemical Formation, Solution Rearrangements, and Catalytic Behavior of a Polymorphic Ca/K Allyl Complex. <i>Chemistry - A European Journal</i> , 2021, 27, 8195-8202.	1.7	7
15	First η^1 -Row Transition Metals Complexes with Fused Oxazolidine (FOX) Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1442-1448.	0.6	3
16	O ₂ Activation with a Sterically Encumbered, Oxygen-Deficient Polyoxovanadate-Alkoxide Cluster. <i>Inorganic Chemistry</i> , 2021, 60, 13833-13843.	1.9	8
17	Dilithium Amides as a Modular Bis-Anionic Ligand Platform for Iron-Catalyzed Cross-Coupling. <i>Organic Letters</i> , 2021, 23, 5958-5963.	2.4	4
18	NHC Effects on Reduction Dynamics in Iron η^1 -Catalyzed Organic Transformations**. <i>Chemistry - A European Journal</i> , 2021, 27, 13651-13658.	1.7	2

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19	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.	2.5	24
20	An Iron-Based Dehydration Catalyst for Selective Formation of Styrene. <i>ACS Catalysis</i> , 2021, 11, 10885-10891.	5.5	7
21	Concerted Multiproton ⁺ Multielectron Transfer for the Reduction of O ₂ to H ₂ O with a Polyoxovanadate Cluster. <i>Journal of the American Chemical Society</i> , 2021, 143, 15756-15768.	6.6	24
22	Physicochemical implications of surface alkylation of high-valent, Lindqvist-type polyoxovanadate-alkoxide clusters. <i>Nanoscale</i> , 2021, 13, 6162-6173.	2.8	3
23	Iron polypyridyl complex adsorbed on carbon surfaces for hydrogen generation. <i>Chemical Communications</i> , 2021, 57, 7697-7700.	2.2	4
24	Silylation of Pyridine, Picolines, and Quinoline with a Zinc Catalyst. <i>ACS Omega</i> , 2020, 5, 1528-1539.	1.6	8
25	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.	6.6	33
26	Synthesis and Characterization of Strongly Solvatochromic Molybdenum(III) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 705-716.	1.9	6
27	Hydrogen bonding promotes diversity in nitrite coordination modes at a single iron(II) center. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2664-2676.	0.8	3
28	The Exceptional Diversity of Homoleptic Uranium ^{IV} Methyl Complexes. <i>Angewandte Chemie</i> , 2020, 132, 13688-13692.	1.6	1
29	The Exceptional Diversity of Homoleptic Uranium ^{IV} Methyl Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13586-13590.	7.2	16
30	One-Pot Double-Annulation Strategy for the Synthesis of Unusual Fused Bis-Heterocycles. <i>Organic Letters</i> , 2020, 22, 4350-4354.	2.4	18
31	Heterometallic trinuclear oxo-centered clusters as single-source precursors for synthesis of stoichiometric monodisperse transition metal ferrite nanocrystals. <i>Dalton Transactions</i> , 2020, 49, 16348-16358.	1.6	15
32	TMEDA in Iron ^{II} Catalyzed Hydromagnesiation: Formation of Iron(II) ^{Alkyl} Species for Controlled Reduction to Alkene ^{Stabilized} Iron(0). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17070-17076.	7.2	14
33	Electronic Consequences of Ligand Substitution at Heterometal Centers in Polyoxovanadium Clusters: Controlling the Redox Properties through Heterometal Coordination Number. <i>Chemistry - A European Journal</i> , 2020, 26, 9905-9914.	1.7	13
34	Site-selective halogenation of mixed-valent vanadium oxide clusters. <i>Dalton Transactions</i> , 2020, 49, 16184-16192.	1.6	6
35	Mechanistic insights into polyoxometalate self-assembly in organic solvent: conversion of a cyclic polyoxovanadate-ethoxide to its Lindqvist congener. <i>Chemical Communications</i> , 2020, 56, 8607-8610.	2.2	8
36	TMEDA in Iron ^{II} Catalyzed Hydromagnesiation: Formation of Iron(II) ^{Alkyl} Species for Controlled Reduction to Alkene ^{Stabilized} Iron(0). <i>Angewandte Chemie</i> , 2020, 132, 17218-17224.	1.6	4

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37	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.	0.2	0
38	A Biomimetic System for Studying Salicylate Dioxygenase. <i>ACS Symposium Series</i> , 2019, 1317, 71-83.	0.5	0
39	Identification and Reactivity of Cyclometalated Iron(III) Intermediates in Triazole-Directed Iron-Catalyzed C-H Activation. <i>Journal of the American Chemical Society</i> , 2019, 141, 12338-12345.	6.6	39
40	Crystal structures and spectroscopic characterization of $M_nBr_{2n}(CNXyl)_n$ ($M = Fe$ and Co , $n = 4$; $M = Ni$, $n = 2$; $Xyl = 2,6$ -dimethylphenyl), and of formally zero-valent iron as a cocrystal of $Fe(CNXyl)_5$ and $Fe_2(CNXyl)_9$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1118-1127.	0.2	6
41	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.	3.7	25
42	Homoleptic Aryl Complexes of Uranium (IV). <i>Angewandte Chemie</i> , 2019, 131, 10372-10376.	1.6	4
43	Atom-Economical Ni-Catalyzed Diborylative Cyclization of Enynes: Preparation of Unsymmetrical Diboronates. <i>Organic Letters</i> , 2019, 21, 6552-6556.	2.4	26
44	Halide metathesis in overdrive: mechanochemical synthesis of a heterometallic group 1 allyl complex. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1856-1863.	1.3	5
45	Isolation and Characterization of a Homoleptic Tetramethylcobalt(III) Distorted Square-Planar Complex. <i>Organometallics</i> , 2019, 38, 3486-3489.	1.1	1
46	Reversible Concerted Metalation-Deprotonation C-H Bond Activation by $[Cp^*RhCl_2]_2$. <i>Journal of Organic Chemistry</i> , 2019, 84, 12960-12965.	1.7	17
47	Reduction of CO_2 by a masked two-coordinate cobalt(i) complex and characterization of a proposed oxodicobalt(ii) intermediate. <i>Chemical Science</i> , 2019, 10, 918-929.	3.7	44
48	The Effect of δ -Hydrogen Atoms on Iron Speciation in Cross-Couplings with Simple Iron Salts and Alkyl Grignard Reagents. <i>Angewandte Chemie</i> , 2019, 131, 2795-2799.	1.6	16
49	Tantalum isocyanide complexes: $Ta(CNDipp)_6$ (Dipp is 2,6-diisopropylphenyl) and ionic $[Ta(CNDipp)_7][Ta(CNDipp)_6]$, a formal disproportionation product of the 17-electron Ta^{0+} metalloradical $Ta(CNDipp)_6$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 135-140.	0.2	1
50	A POCO type pincer complex of iridium: Synthesis, characterization, and catalysis. <i>Polyhedron</i> , 2019, 160, 83-91.	1.0	7
51	Mechanism of the Bis(imino)pyridine-Iron-Catalyzed Hydromagnesiation of Styrene Derivatives. <i>Journal of the American Chemical Society</i> , 2019, 141, 10099-10108.	6.6	30
52	Homoleptic Aryl Complexes of Uranium (IV). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10266-10270.	7.2	24
53	Ligand derivatization of titanium-functionalized polyoxovanadium-alkoxide clusters. <i>Polyhedron</i> , 2019, 167, 119-126.	1.0	4
54	Consequences of ligand derivatization on the electronic properties of polyoxovanadate-alkoxide clusters. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1267-1286.	0.8	13

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55	Controlling Metal-to-Oxygen Ratios via M=O Bond Cleavage in Polyoxovanadate Alkoxide Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 10462-10471.	1.9	19
56	Transport and Electron Transfer Kinetics of Polyoxovanadate-Alkoxide Clusters. <i>Journal of the Electrochemical Society</i> , 2019, 166, A464-A472.	1.3	19
57	Synthesis, structure, and characterization of tris(1-ethyl-4-isopropyl-imidazolyl- κ -N)phosphine nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2019, 489, 170-179.	1.2	1
58	An Organofunctionalized Polyoxovanadium Cluster as a Molecular Model of Interfacial Pseudocapacitance. <i>ACS Applied Energy Materials</i> , 2019, 2, 8985-8993.	2.5	17
59	Coordination or Oxidative Addition? Activation of N-H with [Tp κ^2 Rh(PMe ₃) ₃]. <i>Inorganic Chemistry</i> , 2019, 58, 557-566.	1.9	7
60	Structural, spectroscopic, electrochemical, and magnetic properties for manganese(II) triazamacrocyclic complexes. <i>Inorganica Chimica Acta</i> , 2019, 486, 546-555.	1.2	5
61	The Effect of β -Hydrogen Atoms on Iron Speciation in Cross-Couplings with Simple Iron Salts and Alkyl Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2769-2773.	7.2	41
62	Synthesis and characterization of a sterically encumbered homoleptic tetraalkyliron(III) ferrate complex. <i>Polyhedron</i> , 2019, 158, 91-96.	1.0	2
63	Niobium isocyanide complexes, Nb(CNAr) ₆ , with Ar = 2,6-dimethylphenyl (Xyl), a diamagnetic dimer containing four reductively coupled isocyanides, and Ar = 2,6-diisopropylphenyl (Dipp), a paramagnetic monomer analogous to the highly unstable hexacarbonylniobium(0). <i>Acta Crystallographica Section C: Structural Chemistry</i> , 2019, 75, 1259-1265.	0.2	5
64	Crystal structure of bromidopentakis(tetrahydrofuran- κ -O)magnesium bis[1,2-bis(diphenylphosphanyl)benzene- κ^2 -P, κ^2 -P]cobaltate(κ^1) tetrahydrofuran disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 304-307.	0.2	1
65	Site-selectivity in the halogenation of titanium-functionalized polyoxovanadate-alkoxide clusters. <i>Chemical Communications</i> , 2018, 54, 6839-6842.	2.2	23
66	The κ -Methylpyrrolidone (NMP) Effect in Iron-Catalyzed Cross-Coupling with Simple Ferric Salts and MeMgBr. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6496-6500.	7.2	64
67	Effect of Carboxylate Ligands on Alkane Dehydrogenation with (κ^2 -Phebox)Ir Complexes. <i>ACS Catalysis</i> , 2018, 8, 2326-2329.	5.5	11
68	Simple zinc complex to model substrate binding to zinc enzymes. <i>Inorganica Chimica Acta</i> , 2018, 473, 15-19.	1.2	4
69	Catalytic Upgrading of Ethanol to κ -Butanol via Manganese-Mediated Guerbet Reaction. <i>ACS Catalysis</i> , 2018, 8, 997-1002.	5.5	141
70	NHC and nucleophile chelation effects on reactive iron(II) species in alkyl-alkyl cross-coupling. <i>Chemical Science</i> , 2018, 9, 1878-1891.	3.7	28
71	Tuning the redox profiles of polyoxovanadate-alkoxide clusters κ via heterometal installation: toward designer redox Reagents. <i>Dalton Transactions</i> , 2018, 47, 3698-3704.	1.6	42
72	Comparison of the Self-Assembly Behavior of Fmoc-Phenylalanine and Corresponding Peptoid Derivatives. <i>Crystal Growth and Design</i> , 2018, 18, 623-632.	1.4	23

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73	The $\text{N}^{\text{Methylpyrrolidone}}$ (NMP) Effect in Iron-Catalyzed Cross-Coupling with Simple Ferric Salts and MeMgBr . <i>Angewandte Chemie</i> , 2018, 130, 6606-6610.	1.6	19
74	Lewis Acid Assisted $\text{C}\equiv\text{N}$ Cleavage of Benzonitrile Using $[(\text{dippe})\text{NiH}]_2$. <i>Synlett</i> , 2018, 29, 747-753.	1.0	5
75	Reactivity of iPrPClIrH_4 with para-benzoquinones. <i>Polyhedron</i> , 2018, 143, 209-214.	1.0	9
76	Synthesis of a gallium-functionalized polyoxovanadate-alkoxide cluster: Toward a general route for heterometal installation. <i>Polyhedron</i> , 2018, 156, 303-311.	1.0	21
77	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.	3.6	49
78	A Structural Model for the Iron-Nitrosyl Adduct of Gentisate Dioxygenase. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4797-4804.	1.0	6
79	Combined Effects of Backbone and N-Substituents on Structure, Bonding, and Reactivity of Alkylated Iron(II)-NHCs. <i>Organometallics</i> , 2018, 37, 3093-3101.	1.1	16
80	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.	6.6	59
81	Crystal structures of two new six-coordinate iron(III) complexes with 1,2-bis(diphenylphosphane) ligands. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 803-807.	0.2	0
82	Iron and Cobalt Diazoalkane Complexes Supported by N^2 -Diketiminato Ligands: A Synthetic, Spectroscopic, and Computational Investigation. <i>Inorganic Chemistry</i> , 2018, 57, 5959-5972.	1.9	15
83	Multinuclear iron-phenyl species in reactions of simple iron salts with PhMgBr : identification of $\text{Fe}_4(\text{N}^{\text{Ph}})_6(\text{THF})_4$ as a key reactive species for cross-coupling catalysis. <i>Chemical Science</i> , 2018, 9, 7931-7939.	3.7	34
84	Diazoalkanes in Low-Coordinate Iron Chemistry: Bimetallic Diazoalkyl and Alkylidene Complexes of Iron(II). <i>Inorganic Chemistry</i> , 2017, 56, 1019-1022.	1.9	26
85	Neutral and Cationic Bis-Chelate Monoorganosilicon(IV) Complexes of 1-Hydroxy-2-pyridinone. <i>Organometallics</i> , 2017, 36, 594-604.	1.1	6
86	Synthesis, characterization, and reactivity of $\text{Cp}^*\text{Rh(III)}$ complexes having functional N,O chelate ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 28-32.	0.8	14
87	Photoinitiated treatment of Mycobacterium using Ru(II) isoniazid complexes. <i>Inorganica Chimica Acta</i> , 2017, 461, 261-266.	1.2	20
88	Additive-Free Cobalt-Catalyzed Hydrogenation of Esters to Alcohols. <i>ACS Catalysis</i> , 2017, 7, 3735-3740.	5.5	106
89	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.	6.6	46
90	Catalytic Dehydrogenative $\text{C}\equiv\text{C}$ Coupling by a Pincer-Ligated Iridium Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 8977-8989.	6.6	35

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91	Polyoxovanadate Alkoxide Clusters as a Redox Reservoir for Iron. <i>Inorganic Chemistry</i> , 2017, 56, 7065-7080.	1.9	48
92	Unexpected Solvent Effects in the Isomerization of $\text{PCl}_2\text{Ir}(\text{Ph})_2$ to a $\text{Ir}(\text{Ph})_3$ Complex. <i>Israel Journal of Chemistry</i> , 2017, 57, 968-974.	1.0	2
93	C ² F Oxidative Addition of Fluorinated Aryl Ketones by PCl_2Ir . <i>Organometallics</i> , 2017, 36, 3125-3134.	1.1	10
94	Symmetric Assembly of a Sterically Encumbered Allyl Complex: Mechanochemical and Solution Synthesis of the Tris(allyl)beryllate, $\text{K}[\text{Be}(\text{SiMe}_3)_2(\text{SiMe}_3)]$ ($\text{A} = 1,3\text{-}(\text{SiMe}_3)_2\text{C}_3\text{H}_3$). <i>Inorganics</i> , 2017, 5, 36.	1.2	17
95	Crystal structure of chloridobis[(1,2,5,6- η)-cycloocta-1,5-diene]iridium(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 273-277.	0.2	1
96	Nitrile coordination to rhodium does not lead to C-H activation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 850-852.	0.2	2
97	Effects of Ligand Halogenation on the Electron Localization, Geometry and Spin State of Low-Coordinate (N^2 -diketiminato)iron Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3344-3355.	1.0	9
98	C-N Bond Cleavage Using Palladium Supported by a Dippe Ligand. <i>Organometallics</i> , 2016, 35, 2010-2013.	1.1	19
99	Syntheses, Characterization, and Reactivity of Diruthenium Hydrido Complexes. <i>Organometallics</i> , 2016, 35, 1079-1085.	1.1	3
100	Mechanochemical Influence on the Stereoselectivity of Halide Metathesis: Synthesis of Group 15 Tris(allyl) Complexes. <i>Organometallics</i> , 2016, 35, 1698-1706.	1.1	25
101	Iron piano-stool complexes containing NHC ligands outfitted with pendent arms: synthesis, characterization, and screening for catalytic transfer hydrogenation. <i>RSC Advances</i> , 2016, 6, 88050-88056.	1.7	12
102	Synthesis, Characterization, and Reactivities of Molybdenum and Tungsten PONOP Pincer Complexes. <i>Organometallics</i> , 2016, 35, 3124-3131.	1.1	24
103	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.	6.6	34
104	A comparative study of the photophysics of phenyl, thienyl, and chalcogen substituted rhodamine dyes. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1417-1432.	1.6	17
105	Catalytic Light-Driven Generation of Hydrogen from Water by Iron Dithiolene Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 11654-11663.	6.6	96
106	Reaction environment and ligand lability in group 4 Cp_2MX_2 (X, Y = Cl, OtBu) complexes. <i>Dalton Transactions</i> , 2016, 45, 18635-18642.	1.6	11
107	Determination of Rhodium Alkoxide Bond Strengths in $\text{Tp}^2\text{Rh}(\text{PMe}_3)_3(\text{OR})\text{H}$. <i>Inorganic Chemistry</i> , 2016, 55, 9482-9491.	1.9	17
108	Self-Assembled, Iron-Functionalized Polyoxovanadate Alkoxide Clusters. <i>Inorganic Chemistry</i> , 2016, 55, 7332-7334.	1.9	47

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109	Formation of 5-membered metallacycles at iPrPCPr by C-H, O-H, and C=O bond cleavage. <i>Polyhedron</i> , 2016, 116, 38-46.	1.0	9
110	Isolation, Characterization, and Reactivity of Fe ₈ Me ₁₂ ⁺ : Kochi's $\langle S \rangle = 1/2$ Species in Iron-Catalyzed Cross-Couplings with MeMgBr and Ferric Salts. <i>Journal of the American Chemical Society</i> , 2016, 138, 7492-7495.	6.6	81
111	Rapid oxidative hydrogen evolution from a family of square-planar nickel hydride complexes. <i>Chemical Science</i> , 2016, 7, 117-127.	3.7	30
112	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.	1.2	49
113	Crystal structures of tris[1-oxopyridine-2-olato(1a ⁻)]silicon(IV) chloride chloroform- $\langle d \rangle_1$ disolvate, tris[1-oxopyridine-2-olato(1a ⁻)]silicon(IV) chloride acetonitrile unquantified solvate, and <i>fac</i> -tris[1-oxopyridine-2-thiolato(1a ⁻)]silicon(IV) chloride chloroform- $\langle d \rangle_1$ disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1531-1535.	0.2	3
114	Metal-Halogen Secondary Bonding in a 2,5-Dichlorohydroquinonate Cobalt(II) Complex: Insight into Substrate Coordination in the Chlorohydroquinone Dioxygenase PcpA. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4643-4647.	1.0	5
115	Synthesis and Characterization of 4-, 5-, and 6-Coordinate Tris(1-ethyl-4-isopropylimidazolyl- \hat{P} N)phosphine Cobalt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2092-2100.	1.0	8
116	Crystal structure of a third polymorph of tris(acetylacetonato- \hat{P} ² $\langle O \rangle$, $\langle O \rangle$)iron(III). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m228-m229.	0.2	8
117	Cobalt(II) Complex of a Diazoalkane Radical Anion. <i>Inorganic Chemistry</i> , 2015, 54, 5148-5150.	1.9	22
118	Synthesis, structure and properties of tris(1-ethyl-4-isopropyl-imidazolyl- \hat{P} N)phosphine copper(II). <i>Inorganica Chimica Acta</i> , 2015, 434, 79-84.	1.2	2
119	Electrophilic C-H activation of benzene with a Shilov-inspired rhodium(III) diimine complex. <i>Journal of Organometallic Chemistry</i> , 2015, 793, 192-199.	0.8	6
120	The crystal structures of tetrakis(\hat{P} ^{1/4} -n-butyrate- \hat{P} ² O:O \hat{P} ²)bis[bromidorhenium(III)] and tetrakis(\hat{P} ^{1/4} -n-butyrate- \hat{P} ² O:O \hat{P} ²)bis[chloridorhenium(III)] acetonitrile disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1480-1484.	0.2	0
121	Oxalate Oxidase Model Studies \hat{P} Substrate Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 646-655.	1.0	5
122	Nickel Complexes for Robust Light-Driven and Electrocatalytic Hydrogen Production from Water. <i>ACS Catalysis</i> , 2015, 5, 1397-1406.	5.5	221
123	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.	3.3	52
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128	Crystal structure of (18-crown-6)potassium(I) [(1,2,3,4,5- λ^1 -cycloheptadienyl)][(1,2,3- λ^1 -cycloheptatrienyl)cobalt(I)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 291-295.	0.2	1
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130	Rapid, Regioconvergent, Solvent-Free Alkene Hydrosilylation with a Cobalt Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 13244-13247.	6.6	192
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