Brandon Q Mercado

List of Publications by Year
in descending order

142	5,100	87843	106281
papers	citations	38 h-index	65 g-index

145	145	145	5308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron Complexes of a Proton-Responsive SCS Pincer Ligand with a Sensitive Electronic Structure. Inorganic Chemistry, 2022, 61, 1644-1658.	1.9	7
2	Spin States, Bonding and Magnetism in Mixedâ€Valence Iron(0)â€Iron(II) Complexes**. Chemistry - A European Journal, 2022, 28, .	1.7	4
3	Ligand and solvent effects on CO₂ insertion into group 10 metal alkyl bonds. Chemical Science, 2022, 13, 2391-2404.	3.7	9
4	Structural and Thermodynamic Effects on the Kinetics of Câ€“H Oxidation by Multisite Proton-Coupled Electron Transfer in Fluorenyl Benzoates. Journal of Organic Chemistry, 2022, , .	1.7	3
5	Control of Catalyst Isomers Using an N-Phenyl-Substituted RN(CH₂CH₂PⁱPr₂)₂ Pincer Ligand in CO₂ Hydrogenation and Formic Acid Dehydrogenation. Inorganic Chemistry, 2022, 61, 643-656.	1.9	13
6	Facile conversion of ammonia to a nitride in a rhenium system that cleaves dinitrogen. Chemical Science, 2022, 13, 4010-4018.	3.7	11
7	Stereoselective Synthesis of Allenyl Alcohols by Cobalt(III)â€Catalyzed Sequential Câˆ'H Bond Addition to 1,3â€Enynes and Aldehydes. Angewandte Chemie, 2022, 134, .	1.6	2
8	Stereoselective Synthesis of Allenyl Alcohols by Cobalt(III)â€Catalyzed Sequential Câˆ'H Bond Addition to 1,3â€Enynes and Aldehydes. Angewandte Chemie - International Edition, 2022, 61, .	7.2	10
9	Electrocatalytic, Homogeneous Ammonia Oxidation in Water to Nitrate and Nitrite with a Copper Complex. Journal of the American Chemical Society, 2022, 144, 8449-8453.	6.6	31
10	Synthesis and Reactivity of Iron Complexes with a Biomimetic SCS Pincer Ligand. Inorganic Chemistry, 2021, 60, 1965-1974.	1.9	13
11	Three-Component 1,2-Carboamidation of Bridged Bicyclic Alkenes via Rh^{III}-Catalyzed Addition of Câ€“H Bonds and Amidating Reagents. Organic Letters, 2021, 23, 2836-2840.	2.4	38
12	All Four Atropisomers of Iron Tetra(o-N,N,N-trimethylanilinium)porphyrin in Both the Ferric and Ferrous States. Inorganic Chemistry, 2021, 60, 5240-5251.	1.9	14
13	Electronic and Spin-State Effects on Dinitrogen Splitting to Nitrides in a Rhenium Pincer System. Inorganic Chemistry, 2021, 60, 6115-6124.	1.9	12
14	Small Molecule Microcrystal Electron Diffraction for the Pharmaceutical Industryâ€“Lessons Learned From Examining Over Fifty Samples. Frontiers in Molecular Biosciences, 2021, 8, 648603.	1.6	27
15	Understanding the Reactivity and Decomposition of a Highly Active Iron Pincer Catalyst for Hydrogenation and Dehydrogenation Reactions. ACS Catalysis, 2021, 11, 10631-10646.	5.5	11
16	Dehydrogenative Synthesis of Carbamates from Formamides and Alcohols Using a Pincer-Supported Iron Catalyst. ACS Catalysis, 2021, 11, 10614-10624.	5.5	7
17	Distorted Copper(II) Complex with Unusually Short CFÂ·Â·Â·Cu Distances. Inorganic Chemistry, 2021, 60, 14759-14764.	1.9	1
18	Accessing Molecular Dimeric Ir Water Oxidation Catalysts from Coordination Precursors. Inorganic Chemistry, 2021, 60, 14349-14356.	1.9	12

#	Article	IF	Citations
19	Chirality-matched catalyst-controlled macrocyclization reactions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9
20	Tunable and Practical Homogeneous Organic Reductants for Cross-Electrophile Coupling. Journal of the American Chemical Society, 2021, 143, 21024-21036.	6.6	23
21	Cobalt(III)-Catalyzed Diastereoselective Three-Component Câ€“H Bond Addition to Butadiene and Activated Ketones. Synthesis, 2020, 52, 1239-1246.	1.2	11
22	Synthesis of organometallic pincer-supported cobalt(II) complexes. Polyhedron, 2020, 177, 114308.	1.0	3
23	Concerted proton-electron transfer oxidation of phenols and hydrocarbons by a high-valent nickel complex. Chemical Science, 2020, 11, 1683-1690.	3.7	14
24	Intramolecular Electrostatic Effects on O₂, CO₂, and Acetate Binding to a Cationic Iron Porphyrin. Inorganic Chemistry, 2020, 59, 17402-17414.	1.9	20
25	The influences of carbon donor ligands on biomimetic multi-iron complexes for N₂reduction. Chemical Science, 2020, 11, 12710-12720.	3.7	17
26	Coupling dinitrogen and hydrocarbons through aryl migration. Nature, 2020, 584, 221-226.	13.7	75
27	Rh(III)-Catalyzed Imidoyl Câ€“H Carbamylation and Cyclization to Bicyclic [1,3,5]Triazinones. Organic Letters, 2020, 22, 8993-8997.	2.4	7
28	Mechanistic Study of Alkene Hydrosilylation Catalyzed by a Î²-Dialdiminate Cobalt(I) Complex. Organometallics, 2020, 39, 2415-2424.	1.1	15
29	Development of a Convergent Enantioselective Synthetic Route to (â^')-Myrocin G. Journal of Organic Chemistry, 2020, 85, 8952-8989.	1.7	5
30	Surprisingly big linker-dependence of activity and selectivity in CO₂ reduction by an iridium(<scp>i</scp>) pincer complex. Chemical Communications, 2020, 56, 9126-9129.	2.2	10
31	Bacterial Autoimmune Drug Metabolism Transforms an Immunomodulator into Structurally and Functionally Divergent Antibiotics. Angewandte Chemie, 2020, 132, 7945-7954.	1.6	3
32	Bacterial Autoimmune Drug Metabolism Transforms an Immunomodulator into Structurally and Functionally Divergent Antibiotics. Angewandte Chemie - International Edition, 2020, 59, 7871-7880.	7.2	12
33	Catalysis-Enabled Access to Cryptic Geldanamycin Oxides. ACS Central Science, 2020, 6, 426-435.	5.3	10
34	Combining scaling relationships overcomes rate versus overpotential trade-offs in O ₂ molecular electrocatalysis. Science Advances, 2020, 6, eaaz3318.	4.7	46
35	Structures of three disubstituted [13]-macrodilactones reveal effects of substitution on macrocycle conformation. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1617-1623.	0.2	0
36	Chemical Oxidation of a Coordinated PNP-Pincer Ligand Forms Unexpected Reâ€“Nitroxide Complexes with Reversal of Nitride Reactivity. Inorganic Chemistry, 2019, 58, 10791-10801.	1.9	19

#	Article	IF	Citations
37	Nitrogenase-Relevant Reactivity of a Synthetic Ironâ€“Sulfurâ€“Carbon Site. Journal of the American Chemical Society, 2019, 141, 13148-13157.	6.6	34
38	Synthesis and Prior Misidentification of 4-tert-Butyl-2,6-dinitrobenzaldehyde. Journal of Organic Chemistry, 2019, 84, 12172-12176.	1.7	1
39	Copper(I) SNS pincer complexes: Impact of ligand design and solvent coordination on conformer interconversion from spectroscopic and computational studies. Inorganica Chimica Acta, 2019, 495, 118996.	1.2	6
40	Masked Radicals: Iron Complexes of Trityl, Benzophenone, and Phenylacetylene. Organometallics, 2019, 38, 4224-4232.	1.1	15
41	Planar three-coordinate iron sulfide in a synthetic [4Fe-3S] cluster with biomimetic reactivity. Nature Chemistry, 2019, 11, 1019-1025.	6.6	45
42	Bis(dialkylphosphino)ferrocene-Ligated Nickel(II) Precatalysts for Suzukiâ€“Miyaura Reactions of Aryl Carbonates. Organometallics, 2019, 38, 3377-3387.	1.1	21
43	A [2Feâ€“1S] Complex That Affords Access to Bimetallic and Higher-Nuclearity Ironâ€“Sulfur Clusters. Inorganic Chemistry, 2019, 58, 8829-8834.	1.9	15
44	Terahertz Spectroscopy of Tetrameric Peptides. Journal of Physical Chemistry Letters, 2019, 10, 2624-2628.	2.1	39
45	Roles of Iron Complexes in Catalytic Radical Alkene Cross-Coupling: A Computational and Mechanistic Study. Journal of the American Chemical Society, 2019, 141, 7473-7485.	6.6	78
46	Synthesis and Reactivity of Paramagnetic Nickel Polypyridyl Complexes Relevant to C(sp²)â€“C(sp³)Coupling Reactions. Angewandte Chemie - International Edition, 2019, 58, 6094-6098.	7.2	76
47	Structure and Reactivity of Highly Twisted N-Acylimidazoles. Organic Letters, 2019, 21, 2346-2351.	2.4	11
48	Concerted proton-electron transfer reactions in the Marcus inverted region. Science, 2019, 364, 471-475.	6.0	104
49	Synthesis and Reactivity of Paramagnetic Nickel Polypyridyl Complexes Relevant to C(sp²)â€“C(sp³)Coupling Reactions. Angewandte Chemie, 2019, 131, 6155-6159.	1.6	10
50	Modification of a pyridine-alkoxide ligand during the synthesis of coordination compounds. Inorganica Chimica Acta, 2019, 484, 75-78.	1.2	2
51	Phosphothreonine (pThr)-Based Multifunctional Peptide Catalysis for Asymmetric Baeyerâ€“Villiger Oxidations of Cyclobutanones. ACS Catalysis, 2019, 9, 242-252.	5.5	34
52	Outer-Sphere Control for Divergent Multicatalysis with Common Catalytic Moieties. Journal of Organic Chemistry, 2019, 84, 1664-1672.	1.7	7
53	N,N,O Pincer Ligand with a Deprotonatable Site That Promotes Redoxâ€Leveling, High Mn Oxidation States, and a Mn 2 O 2 Dimer Competent for Catalytic Oxygen Evolution. European Journal of Inorganic Chemistry, 2019, 2019, 2115-2123.	1.0	8
54	Correlative vibrational spectroscopy and 2D X-ray diffraction to probe the mineralization of bone in phosphate-deficient mice. Journal of Applied Crystallography, 2019, 52, 960-971.	1.9	1

#	Article	IF	Citations
55	Selective Conversion of CO2into Isocyanate by Lowâ€Coordinate Iron Complexes. Angewandte Chemie, 2018, 130, 6617-6621.	1.6	7
56	Reversible Ligandâ€Centered Reduction in Lowâ€Coordinate Iron Formazanate Complexes. Chemistry - A European Journal, 2018, 24, 9417-9425.	1.7	30
57	Selective Conversion of CO 2 into Isocyanate by Lowâ€Coordinate Iron Complexes. Angewandte Chemie - International Edition, 2018, 57, 6507-6511.	7.2	20
58	Alkali Cation Effects on Redox-Active Formazanate Ligands in Iron Chemistry. Inorganic Chemistry, 2018, 57, 9580-9591.	1.9	30
59	A Dinuclear Iridium(V,V) Oxo-Bridged Complex Characterized Using a Bulk Electrolysis Technique for Crystallizing Highly Oxidizing Compounds. Inorganic Chemistry, 2018, 57, 5684-5691.	1.9	17
60	Formation of Aminocyclopentadienes from Silyldihydropyridines: Ring Contractions Driven by Anion Stabilization. Angewandte Chemie - International Edition, 2018, 57, 6605-6609.	7.2	2
61	Nickel(I) Aryl Species: Synthesis, Properties, and Catalytic Activity. ACS Catalysis, 2018, 8, 2526-2533.	5.5	57
62	Formation of Aminocyclopentadienes from Silyldihydropyridines: Ring Contractions Driven by Anion Stabilization. Angewandte Chemie, 2018, 130, 6715-6719.	1.6	0
63	Rhodium(III)-Catalyzed Imidoyl Câ€“H Activation for Annulations to Azolopyrimidines. Organic Letters, 2018, 20, 2464-2467.	2.4	93
64	Deactivation of a ruthenium(II) N-heterocyclic carbene p-cymene complex during transfer hydrogenation catalysis. Transition Metal Chemistry, 2018, 43, 21-29.	0.7	1
65	A Stereodynamic Redoxâ€Interconversion Network of Vicinal Tertiary and Quaternary Carbon Stereocenters in Hydroquinoneâ€“Quinone Hybrid Dihydrobenzofurans. Angewandte Chemie, 2018, 130, 15327-15331.	1.6	3
66	Catalytic Formic Acid Dehydrogenation and CO2 Hydrogenation Using Iron PNRP Pincer Complexes with Isonitrile Ligands. Organometallics, 2018, 37, 3846-3853.	1.1	57
67	Modifications to the Aryl Group of dppf-Ligated Ni Ïƒ-Aryl Precatalysts: Impact on Speciation and Catalytic Activity in Suzukiâ€“Miyaura Coupling Reactions. Organometallics, 2018, 37, 3943-3955.	1.1	20
68	A Stereodynamic Redoxâ€Interconversion Network of Vicinal Tertiary and Quaternary Carbon Stereocenters in Hydroquinoneâ€“Quinone Hybrid Dihydrobenzofurans. Angewandte Chemie - International Edition, 2018, 57, 15107-15111.	7.2	9
69	Activationless Multiple-Site Concerted Protonâ€“Electron Tunneling. Journal of the American Chemical Society, 2018, 140, 7449-7452.	6.6	24
70	Effects of N₂Binding Mode on Iron-Based Functionalization of Dinitrogen to Form an Iron(III) Hydrazido Complex. Journal of the American Chemical Society, 2018, 140, 8586-8598.	6.6	42
71	pH Driven Hydrothermal Syntheses of Neodymium Sulfites and Mixed Sulfate-Sulfites. Crystal Growth and Design, 2018, 18, 5332-5341.	1.4	5
72	Selective and synergistic cobalt(iii)-catalysed three-component Câ€“H bond addition to dienes and aldehydes. Nature Catalysis, 2018, 1, 673-679.	16.1	79

#	Article	IF	Citations
73	Water-Nucleophilic Attack Mechanism for the Cu^{II}(pyalk)₂ Water-Oxidation Catalyst. ACS Catalysis, 2018, 8, 7952-7960.	5.5	37
74	Iron and Cobalt Diazoalkane Complexes Supported by Î²-Diketiminate Ligands: A Synthetic, Spectroscopic, and Computational Investigation. Inorganic Chemistry, 2018, 57, 5959-5972.	1.9	15
75	Diazoalkanes in Low-Coordinate Iron Chemistry: Bimetallic Diazoalkyl and Alkylidene Complexes of Iron(II). Inorganic Chemistry, 2017, 56, 1019-1022.	1.9	26
76	Enhancement of Câ^'H Oxidizing Ability in Coâ€"O₂â€...Complexes through an Isolated Heterobimetallic Oxo Intermediate. Angewandte Chemie - International Edition, 2017, 56, 3211-3215.	7.2	27
77	Rh(III)-Catalyzed Aryl and Alkenyl Câ€"H Bond Addition to Diverse Nitroalkenes. ACS Catalysis, 2017, 7, 150-153.	5.5	116
78	Systematic Study of Effects of Structural Modifications on the Aqueous Solubility of Drug-like Molecules. ACS Medicinal Chemistry Letters, 2017, 8, 124-127.	1.3	31
79	Synthesis of pyridine-alkoxide ligands for formation of polynuclear complexes. New Journal of Chemistry, 2017, 41, 6709-6719.	1.4	12
80	Electrocatalytic Water Oxidation by a Copper(II) Complex of an Oxidation-Resistant Ligand. ACS Catalysis, 2017, 7, 3384-3387.	5.5	149
81	Câ^'H and Câ^'N Activation at Redoxâ€Active Pyridine Complexes of Iron. Angewandte Chemie, 2017, 129, 1089-1092.	1.6	6
82	Diversity of Secondary Structure in Catalytic Peptides with Î²-Turn-Biased Sequences. Journal of the American Chemical Society, 2017, 139, 492-516.	6.6	101
83	Transfer hydrogenation of ketones catalyzed by complexes of ruthenium(II) with the heterotridentate [P,N,O] ligands (S)-2-[{2-(diphenylphosphanyl)benzylidene}amino]propan-1-ol, (S)-2-[{2-(diphenylphosphanyl)benzyl}amino]propan-1-ol or the [P,N,S] ligand (S)-2-(dimethylamino)-1-(diphenylphosphino)-3-(methylthio)propane. Journal of Organometallic Chemistry, 2017, 839, 74-84.	0.8	7
84	Câ^'H and Câ^'N Activation at Redoxâ€Active Pyridine Complexes of Iron. Angewandte Chemie - International Edition, 2017, 56, 1069-1072.	7.2	20
85	Synthesis and Catalytic Activity of PNP-Supported Iron Complexes with Ancillary Isonitrile Ligands. Organometallics, 2017, 36, 3995-4004.	1.1	27
86	Stereodynamic Quinoneâ€"Hydroquinone Molecules That Enantiomerize at sp³-Carbon via Redox-Interconversion. Journal of the American Chemical Society, 2017, 139, 15239-15244.	6.6	26
87	Synthesis and Characterization of Iridium(V) Coordination Complexes With an N,Oâ€Donor Organic Ligand. Angewandte Chemie, 2017, 129, 13227-13231.	1.6	11
88	Synthesis and Mechanism of Formation of Hydrideâ€"Sulfide Complexes of Iron. Inorganic Chemistry, 2017, 56, 9185-9193.	1.9	7
89	Enhancement of Câ^'H Oxidizing Ability in Coâ€"O₂â€...Complexes through an Isolated Heterobimetallic Oxo Intermediate. Angewandte Chemie, 2017, 129, 3259-3263.	1.6	22
90	Synthesis and Characterization of Iridium(V) Coordination Complexes With an N,Oâ€Donor Organic Ligand. Angewandte Chemie - International Edition, 2017, 56, 13047-13051.	7.2	24

#	Article	IF	Citations
91	Redox Activity of Oxo-Bridged Iridium Dimers in an N,O-Donor Environment: Characterization of Remarkably Stable Ir(IV,V) Complexes. Journal of the American Chemical Society, 2017, 139, 9672-9683.	6.6	45
92	ENDOR characterization of an ironâ€“alkene complex provides insight into a corresponding organometallic intermediate of nitrogenase. Chemical Science, 2017, 8, 5941-5948.	3.7	8
93	Î²â€Alkyloxazolochlorins: Revisiting the Ozonation of Octaalkylporphyrins, and Beyond. Chemistry - A European Journal, 2016, 22, 11706-11718.	1.7	16
94	Stepwise Nâ€“H bond formation from N2-derived iron nitride, imide and amide intermediates to ammonia. Chemical Science, 2016, 7, 5736-5746.	3.7	76
95	Catalytic Oxygen Evolution from Manganese Complexes with an Oxidationâ€Resistant N,N,Oâ€Donor Ligand. ChemPlusChem, 2016, 81, 1129-1132.	1.3	18
96	Alkali-Controlled Câ€“H Cleavage or Nâ€“C Bond Formation by N₂-Derived Iron Nitrides and Imides. Journal of the American Chemical Society, 2016, 138, 11185-11191.	6.6	42
97	Controlling the Conformational Energy of a Phenyl Group by Tuning the Strength of a Nonclassical CHÂ·Â·Â·O Hydrogen Bond: The Case of 5-Phenyl-1,3-dioxane. Journal of Organic Chemistry, 2016, 81, 12116-12127.	1.7	13
98	The tropoloneâ€“isobutylamine complex: a hydrogen-bonded troponoid without dominant Ï€â€“Ï€ interactions. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 730-737.	0.2	0
99	Dinitrogen-Facilitated Reversible Formation of a Siâ€“H Bond in a Pincer-Supported Ni Complex. Organometallics, 2016, 35, 3154-3162.	1.1	33
100	New Regio- and Stereoselective Cascades via Unstabilized Azomethine Ylide Cycloadditions for the Synthesis of Highly Substituted Tropane and Indolizidine Frameworks. Journal of the American Chemical Society, 2016, 138, 12664-12670.	6.6	26
101	Organometallic Iridium Complex Containing a Dianionic, Tridentate, Mixed Organicâ€“Inorganic Ligand. Inorganic Chemistry, 2016, 55, 8121-8129.	1.9	4
102	High Oxidation State Iridium Mono-Î¼-oxo Dimers Related to Water Oxidation Catalysis. Journal of the American Chemical Society, 2016, 138, 15917-15926.	6.6	41
103	Crystal structure of the thermochromic bis(diethylammonium) tetrachloridocuprate(II) complex. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 40-43.	0.2	6
104	Rules of Macrocycle Topology: A [13]â€Macrodilactone Case Study. Chemistry - A European Journal, 2016, 22, 6001-6011.	1.7	9
105	New Ir Bis-Carbonyl Precursor for Water Oxidation Catalysis. Inorganic Chemistry, 2016, 55, 2427-2435.	1.9	28
106	Alkali Metal Variation and Twisting of the FeNNFe Core in Bridging Diiron Dinitrogen Complexes. Inorganic Chemistry, 2016, 55, 2960-2968.	1.9	45
107	Molecular titaniumâ€“hydroxamate complexes as models for TiO₂ surface binding. Chemical Communications, 2016, 52, 2972-2975.	2.2	30
108	Facile solvolysis of a surprisingly twisted tertiary amide. New Journal of Chemistry, 2016, 40, 1974-1981.	1.4	3

#	Article	IF	Citations
109	2â€Aminoethanol Extraction as a Method for Purifying Sc₃N@C₈₀ and for Differentiating Classes of Endohedral Fullerenes on the Basis of Reactivity. Chemistry - A European Journal, 2015, 21, 17035-17043.	1.7	17
110	Synthesis of entâ€Ketorfanol via a Câ€“H Alkenylation/Torquoselective 6Ï€ Electrocyclization Cascade. Angewandte Chemie - International Edition, 2015, 54, 12044-12048.	7.2	30
111	Iron catalyzed CO₂hydrogenation to formate enhanced by Lewis acid co-catalysts. Chemical Science, 2015, 6, 4291-4299.	3.7	285
112	A Stable Coordination Complex of Rh(IV) in an N,O-Donor Environment. Journal of the American Chemical Society, 2015, 137, 15692-15695.	6.6	27
113	Understanding the Solution and Solid-State Structures of Pd and Pt PSiP Pincer-Supported Hydrides. Inorganic Chemistry, 2015, 54, 11411-11422.	1.9	31
114	Regio- and Diastereoselective Synthesis of Highly Substituted, Oxygenated Piperidines from Tetrahydropyridines. Journal of Organic Chemistry, 2015, 80, 6660-6668.	1.7	25
115	Stereogenic Î±-carbons determine the shape and topology of [13]-macrodilactones. Organic and Biomolecular Chemistry, 2015, 13, 5086-5089.	1.5	9
116	Effect of Remote Aryl Substituents on the Conformational Equilibria of 2,2-Diaryl-1,3-dioxanes: Importance of Electrostatic Interactions. Journal of Organic Chemistry, 2015, 80, 4108-4115.	1.7	5
117	Oxidized and reduced [2Feâ€“2S] clusters from an iron(I) synthon. Journal of Biological Inorganic Chemistry, 2015, 20, 875-883.	1.1	21
118	Binding of dinitrogen to an ironâ€“sulfurâ€“carbon site. Nature, 2015, 526, 96-99.	13.7	223
119	Rapid, Regioconvergent, Solvent-Free Alkene Hydrosilylation with a Cobalt Catalyst. Journal of the American Chemical Society, 2015, 137, 13244-13247.	6.6	192
120	Synthesis, Characterization, and Nitrogenase-Relevant Reactions of an Iron Sulfide Complex with a Bridging Hydride. Journal of the American Chemical Society, 2015, 137, 13220-13223.	6.6	25
121	Selective conversion of glycerol to lactic acid with iron pincer precatalysts. Chemical Communications, 2015, 51, 16201-16204.	2.2	86
122	Alkali Metal Control over Nâ€“N Cleavage in Iron Complexes. Journal of the American Chemical Society, 2014, 136, 16807-16816.	6.6	103
123	Lewis Acid-Assisted Formic Acid Dehydrogenation Using a Pincer-Supported Iron Catalyst. Journal of the American Chemical Society, 2014, 136, 10234-10237.	6.6	377
124	Distortional Effects of Noncovalent Interactions in the Crystal Lattice of a Cp*Ir(III) Acylhydroxamic Acid Complex: A Joint Experimentalâ€“Computational Study. Organometallics, 2014, 33, 4417-4424.	1.1	2
125	Structural insights into [Co4O4(C5H5N)4(CH3CO2)4]+, a rare Co(IV)-containing cuboidal complex. Polyhedron, 2013, 64, 304-307.	1.0	12
126	A single crystal X-ray diffraction study of a fully ordered cocrystal of pristine Sc3N@D3h(5)â€“C78. Polyhedron, 2013, 58, 129-133.	1.0	7

#	Article	IF	Citations
127	Solution and solid state studies of three new supramolecular compounds of zinc(II), nickel(II) and uranium(VI) with chelidamic acid and 9-aminoacridine. Inorganica Chimica Acta, 2013, 406, 256-265.	1.2	21
128	Ordered Structures from Crystalline Carbon Disulfide Solvates of the Nano-Tubular Fullerenes D_{5h}(1)-C₉₀ and D_{5h}-C₇₀. Crystal Growth and Design, 2013, 13, 4591-4598.	1.4	22
129	Selective Synthesis, Isolation, and Crystallographic Characterization of LaSc₂N@I_h-C₈₀. Inorganic Chemistry, 2012, 51, 13096-13102.	1.9	45
130	Binary ionic porphyrin nanosheets: electronic and light-harvesting properties regulated by crystal structure. Nanoscale, 2012, 4, 1695.	2.8	49
131	Carbonâ€“Carbon Bond-Forming Reactions of Î±-Thioaryl Carbonyl Compounds for the Synthesis of Complex Heterocyclic Molecules. Journal of Organic Chemistry, 2012, 77, 160-172.	1.7	19
132	X-ray Crystallographic Characterization of New Soluble Endohedral Fullerenes Utilizing the Popular C₈₂ Bucky Cage. Isolation and Structural Characterization of Sm@C_{3v}(7)-C₈₂, Sm@C_s(6)-C₈₂, and Sm@C₂(5)-C₈₂. Journal of the American Chemical Society, 2012, 134, 14127-14136.	6.6	57
133	Isolation and Crystallographic Identification of Four Isomers of Sm@C₉₀. Journal of the American Chemical Society, 2011, 133, 6299-6306.	6.6	57
134	The Shape of the Sc₂(Î¼₂-S) Unit Trapped in C₈₂: Crystallographic, Computational, and Electrochemical Studies of the Isomers, Sc₂(Î¼₂-S)@C_s(6)-C₈₂ and Sc₂(Î¼₂-S)@C_{3v}(8)-C₈₂. Journal of the American Chemical Society, 2011, 133, 6752-6760.	6.6	121
135	[2 + 2] Cycloaddition Reaction to Sc₃N@I_h-C₈₀. The Formation of Very Stable [5,6]- and [6,6]-Adducts. Journal of the American Chemical Society, 2011, 133, 1563-1571.	6.6	85
136	Large Endohedral Fullerenes Containing Two Metal Ions, Sm₂@D₂(35)-C₈₈, Sm₂@C₁(21)-C₉₀, and Sm₂@D₃(85)-C₉₂, and Their Relationship to Endohedral Fullerenes Containing Two Gadolinium Ions. Journal of the American Chemical Society, 2011, 133, 6914-6923.	6.6	61
137	Very Large, Soluble Endohedral Fullerenes in the Series La₂C₉₀ to La₂C₁₃₈: Isolation and Crystallographic Characterization of La₂@D₅(450)-C₁₀₀. Journal of the American Chemical Society, 2011, 133, 15338-15341.	6.6	78
138	Rates of Water Exchange for Two Cobalt(II) Heteropolyoxotungstate Compounds in Aqueous Solution. Chemistry - A European Journal, 2011, 17, 4408-4417.	1.7	52
139	Structural and Electrochemical Property Correlations of Metallic Nitride Endohedral Metallofullerenes. Journal of Physical Chemistry C, 2010, 114, 13003-13009.	1.5	48
140	Sc₂(Î¼₂-O) Trapped in a Fullerene Cage: The Isolation and Structural Characterization of Sc₂(Î¼₂-O)@C_s(6)-C₈₂and the Relevance of the Thermal and Entropic Effects in Fullerene Isomer Selection. Journal of the American Chemical Society, 2010, 132, 12098-12105.	6.6	119
141	Is the Isolated Pentagon Rule Merely a Suggestion for Endohedral Fullerenes? The Structure of a Second Egg-Shaped Endohedral Fullereneâ€“Gd3N@Cs(39663)-C82. Journal of the American Chemical Society, 2008, 130, 7854-7855.	6.6	129
142	Iron, Cobalt, and Nickel Complexes Supported by a iPrPNPhP Pincer Ligand. Organometallics, 0, , .	1.1	7