Maxime A Siegler

List of Publications by Year
in descending order

185	5,063	76196	138251
papers	citations	40 h-index	58 g-index

194	194	194	5288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic Synthesis of N-Heterocycles via Direct C(sp³)â€“H Amination Using an Air-Stable Iron(III) Species with a Redox-Active Ligand. Journal of the American Chemical Society, 2017, 139, 5117-5124.	6.6	172
2	Cupric Superoxo-Mediated Intermolecular Câˆ’H Activation Chemistry. Journal of the American Chemical Society, 2011, 133, 1702-1705.	6.6	141
3	A chiral switchable photovoltaic ferroelectric 1D perovskite. Science Advances, 2020, 6, eaay4213.	4.7	119
4	Crystallographic and spectroscopic characterization and reactivities of a mononuclear non-haem iron(III)-superoxo complex. Nature Communications, 2014, 5, 5440.	5.8	117
5	Secondary Coordination Sphere Influence on the Reactivity of Nonheme Iron(II) Complexes: An Experimental and DFT Approach. Journal of the American Chemical Society, 2013, 135, 10590-10593.	6.6	102
6	Influence of Sample Preparation, Temperature, Light, and Pressure on the Two-Step Spin Crossover Mononuclear Compound [Fe(bapbpy)(NCS)₂]. Chemistry of Materials, 2009, 21, 1123-1136.	3.2	101
7	Copperâ€Catalyzed Oxidation of Alkanes with H₂O₂ under a Fentonâ€like Regime. Angewandte Chemie - International Edition, 2016, 55, 12873-12876.	7.2	98
8	O₂ Activation by Bis(imino)pyridine Iron(II)âˆ’Thiolate Complexes. Journal of the American Chemical Society, 2011, 133, 1274-1277.	6.6	93
9	Direct Observation of Oxygen Rebound with an Iron-Hydroxide Complex. Journal of the American Chemical Society, 2017, 139, 13640-13643.	6.6	82
10	Iron(II)-Thiolate S-Oxygenation by O₂: Synthetic Models of Cysteine Dioxygenase. Journal of the American Chemical Society, 2010, 132, 12214-12215.	6.6	76
11	Nâ€Acetylmethionine and Biotin as Photocleavable Protective Groups for Ruthenium Polypyridyl Complexes. Chemistry - A European Journal, 2011, 17, 9924-9929.	1.7	76
12	Ketones as directing groups in photocatalytic sp³ Câ€“H fluorination. Chemical Science, 2017, 8, 6918-6923.	3.7	75
13	Stepwise Protonation and Electron-Transfer Reduction of a Primary Copperâ€“Dioxygen Adduct. Journal of the American Chemical Society, 2013, 135, 16454-16467.	6.6	74
14	Reversible Redox Chemistry and Catalytic C(sp³)â€“H Amination Reactivity of a Paramagnetic Pd Complex Bearing a Redox-Active o-Aminophenol-Derived NNO Pincer Ligand. Inorganic Chemistry, 2016, 55, 8603-8611.	1.9	70
15	Intramolecular Hydrogen Bonding Enhances Stability and Reactivity of Mononuclear Cupric Superoxide Complexes. Journal of the American Chemical Society, 2018, 140, 9042-9045.	6.6	70
16	Addition of Dioxygen to an N₄S(thiolate) Iron(II) Cysteine Dioxygenase Model Gives a Structurally Characterized Sulfinatoâ€“Iron(II) Complex. Journal of the American Chemical Society, 2012, 134, 8758-8761.	6.6	69
17	Spontaneous Formation in the Dark, and Visible Light-Induced Cleavage, of a Ruâ€“S Bond in Water: A Thermodynamic and Kinetic Study. Inorganic Chemistry, 2013, 52, 9456-9469.	1.9	66
18	A N₃S_(thioether)-Ligated Cu^{II}-Superoxo with Enhanced Reactivity. Journal of the American Chemical Society, 2015, 137, 2796-2799.	6.6	66

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19	Multiple Enone-Directed Reactivity Modes Lead to the Selective Photochemical Fluorination of Polycyclic Terpenoid Derivatives. Journal of the American Chemical Society, 2017, 139, 2208-2211.	6.6	64
20	Coordination Chemistry and Reactivity of a Cupric Hydroperoxide Species Featuring a Proximal H-Bonding Substituent. Inorganic Chemistry, 2012, 51, 12603-12605.	1.9	63
21	Preparation of Non-heme {FeNO}⁷ Models of Cysteine Dioxygenase: Sulfur versus Nitrogen Ligation and Photorelease of Nitric Oxide. Journal of the American Chemical Society, 2013, 135, 14024-14027.	6.6	63
22	Catalytic Aerobic Oxidation of Alcohols by Copper Complexes Bearing Redox-Active Ligands with Tunable H-Bonding Groups. Journal of the American Chemical Society, 2018, 140, 16625-16634.	6.6	63
23	Ligand Redox Noninnocence in [Co^{III}(TAML)]^{0/â€“} Complexes Affects Nitrene Formation. Journal of the American Chemical Society, 2020, 142, 552-563.	6.6	62
24	Efficient Copper-Catalyzed Multicomponent Synthesis of N-Acyl Amidines via Acyl Nitrenes. Journal of the American Chemical Society, 2019, 141, 15240-15249.	6.6	58
25	Cï£¿H Activation of Benzene by a Photoactivated Ni^{II}(azide): Formation of a Transient Nickel Nitrido Complex. Angewandte Chemie - International Edition, 2015, 54, 7055-7059.	7.2	57
26	Light-Driven, Proton-Controlled, Catalytic Aerobic Câ€“H Oxidation Mediated by a Mn(III) Porphyrinoid Complex. Journal of the American Chemical Society, 2015, 137, 4614-4617.	6.6	57
27	Generation of a High-Valent Iron Imido Corrolazine Complex and NR Group Transfer Reactivity. Inorganic Chemistry, 2013, 52, 4668-4682.	1.9	54
28	Phase 1 trial of vamorolone, a first-in-class steroid, shows improvements in side effects via biomarkers bridged to clinical outcomes. Steroids, 2018, 134, 43-52.	0.8	54
29	Peroxo and Superoxo Moieties Bound to Copper Ion: Electron-Transfer Equilibrium with a Small Reorganization Energy. Journal of the American Chemical Society, 2016, 138, 7055-7066.	6.6	52
30	Catalytic Activity of an Iron-Based Water Oxidation Catalyst: Substrate Effects of Graphitic Electrodes. ACS Catalysis, 2018, 8, 1052-1061.	5.5	52
31	A Reactive Manganese(IV)â€“Hydroxide Complex: A Missing Intermediate in Hydrogen Atom Transfer by High-Valent Metal-Oxo Porphyrinoid Compounds. Journal of the American Chemical Society, 2018, 140, 4380-4390.	6.6	52
32	Tuning the Transition Temperature and Cooperativity of bapbpyâ€Based Mononuclear Spinâ€Crossover Compounds: Interplay between Molecular and Crystal Engineering. Chemistry - A European Journal, 2011, 17, 14826-14836.	1.7	51
33	Mn(V)(O) versus Cr(V)(O) Porphyrinoid Complexes: Structural Characterization and Implications for Basicity Controlling H-Atom Abstraction. Journal of the American Chemical Society, 2015, 137, 10874-10877.	6.6	48
34	Photomodulation of Transmembrane Transport and Potential by Stiff-Stilbene Based Bis(thio)ureas. Journal of the American Chemical Society, 2022, 144, 331-338.	6.6	48
35	Aromatic Câ€“F Hydroxylation by Nonheme Iron(IV)â€“Oxo Complexes: Structural, Spectroscopic, and Mechanistic Investigations. Journal of the American Chemical Society, 2016, 138, 12791-12802.	6.6	47
36	Copper(I)/NO_(g) Reductive Coupling Producing a trans-Hyponitrite Bridged Dicopper(II) Complex: Redox Reversal Giving Copper(I)/NO_(g) Disproportionation. Journal of the American Chemical Society, 2017, 139, 13276-13279.	6.6	46

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37	Wellâ€Defined Dinuclear Gold Complexes for Preorganizationâ€Induced Selective Dual Gold Catalysis. Angewandte Chemie - International Edition, 2016, 55, 10042-10046.	7.2	45
38	Strong Inhibition of O-Atom Transfer Reactivity for Mn^{IV}(O)(Ï€-Radical-Cation)(Lewis Acid) versus Mn^V(O) Porphyrinoid Complexes. Journal of the American Chemical Society, 2015, 137, 6531-6540.	6.6	44
39	The Self-Assembly of a Cyclometalated Palladium Photosensitizer into Protein-Stabilized Nanorods Triggers Drug Uptake In Vitro and In Vivo. Journal of the American Chemical Society, 2020, 142, 10383-10399.	6.6	43
40	Metalâ€“Metal Interactions in Heterobimetallic Complexes with Dinucleating Redoxâ€Active Ligands. Angewandte Chemie - International Edition, 2016, 55, 2406-2410.	7.2	42
41	Search for a Strong, Virtually â€œNoâ€Shiftâ€•Hydrogen Bond: A Cage Molecule with an Exceptional OHâ‹…â‹…â‹…F Interaction. Angewandte Chemie - International Edition, 2014, 53, 8924-8928.	7.2	41
42	Ruthenium-Diphosphine-Catalyzed Allylation of Phenols: A gem-Dialkyl-Type Effect Induces High Selectivity toward O-Allylation. Organometallics, 2009, 28, 7006-7014.	1.1	39
43	Synthesis of a Fragment of Crystalline Silicon: Poly(Cyclosilane). Angewandte Chemie - International Edition, 2017, 56, 568-572.	7.2	39
44	Reactions of Co(III)â€“Nitrosyl Complexes with Superoxide and Their Mechanistic Insights. Journal of the American Chemical Society, 2015, 137, 4284-4287.	6.6	38
45	A Nonheme Thiolate-Ligated Cobalt Superoxo Complex: Synthesis and Spectroscopic Characterization, Computational Studies, and Hydrogen Atom Abstraction Reactivity. Journal of the American Chemical Society, 2019, 141, 3641-3653.	6.6	38
46	Influence of Ligand Denticity and Flexibility on the Molecular Copper Mediated Oxygen Reduction Reaction. Inorganic Chemistry, 2020, 59, 16398-16409.	1.9	38
47	Benzo[b]thiophene Fusion Enhances Local Borepin Aromaticity in Polycyclic Heteroaromatic Compounds. Journal of Organic Chemistry, 2017, 82, 13440-13448.	1.7	37
48	Carbonyl-Directed Aliphatic Fluorination: A Special Type of Hydrogen Atom Transfer Beats Out Norrish II. Journal of the American Chemical Society, 2020, 142, 14710-14724.	6.6	37
49	Structural and electronic switching of a single crystal 2D metal-organic framework prepared by chemical vapor deposition. Nature Communications, 2020, 11, 5524.	5.8	37
50	Positioning a Carbonâ€“Fluorine Bond over the Ï€â€…Cloud of an Aromatic Ring: A Different Type of Arene Activation. Angewandte Chemie - International Edition, 2016, 55, 8266-8269.	7.2	35
51	Determining the Inherent Selectivity for Carbon Radical Hydroxylation versus Halogenation with Fe^{III}(OH)(X) Complexes: Relevance to the Rebound Step in Non-heme Iron Halogenases. Journal of the American Chemical Society, 2020, 142, 7259-7264.	6.6	33
52	Tuning of the Copperâ€“Thioether Bond in Tetradentate N₃S_(thioether) Ligands; Oâ€“O Bond Reductive Cleavage via a [Cu^{II}₂(Î¼-1,2-peroxo)]²⁺/[Cu^{III}₂(Î¼-oxo)₂]<sup>2+</su Equilibrium. Journal of the American Chemical Society, 2014, 136, 8063-8071.	6.6	32
53	Arene C(sp²)-H Metalation at Ni^{II} Modeled with a Reactive PONC_{Ph} Ligand. Inorganic Chemistry, 2016, 55, 8041-8047.	1.9	32
54	NH+â€“F Hydrogen Bonding in a Fluorinated â€œProton Spongeâ€•Derivative: Integration of Solution, Solid-State, Gas-Phase, and Computational Studies. Journal of Organic Chemistry, 2011, 76, 7975-7984.	1.7	31

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55	Thermodynamics of the Cu^{II} Î¼-Thiolate and Cu^I Disulfide Equilibrium: A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2014, 53, 8494-8504.	1.9	31
56	Observation of Radical Rebound in a Mononuclear Nonheme Iron Model Complex. Journal of the American Chemical Society, 2018, 140, 4191-4194.	6.6	31
57	Structures, Spectroscopic Properties, and Dioxygen Reactivity of 5-Âand 6-Coordinate Nonheme Iron(II) Complexes: A Combined Enzyme/Model Study of Thiol Dioxygenases. Journal of the American Chemical Society, 2018, 140, 14807-14822.	6.6	31
58	Thioether-ligated iron(ii) and iron(iii)-hydroperoxo/alkylperoxo complexes with an H-bond donor in the second coordination sphere. Dalton Transactions, 2014, 43, 7522.	1.6	30
59	A Distance Dependence to Lateral Self-Exchange across Nanocrystalline TiO₂. A Comparative Study of Three Homologous Ru^{III/II} Polypyridyl Compounds. Journal of Physical Chemistry C, 2016, 120, 14226-14235.	1.5	28
60	Directional Building Blocks Determine Linear and Cyclic Silicon Architectures. Journal of the American Chemical Society, 2018, 140, 5976-5986.	6.6	28
61	Dioxygen-Derived Nonheme Mononuclear Fe^{III}(OH) Complex and Its Reactivity with Carbon Radicals. Journal of the American Chemical Society, 2019, 141, 10148-10153.	6.6	28
62	Nitrogen Oxide Atom-Transfer Redox Chemistry; Mechanism of NO_(g) to Nitrite Conversion Utilizing Î¼-oxo Heme-Fe^{III}â€“Oâ€“Cu^{II}(L) Constructs. Journal of the American Chemical Society, 2015, 137, 6602-6615.	6.6	27
63	Photocatalytic Oxygenation of Substrates by Dioxygen with Protonated Manganese(III) Corrolazine. Inorganic Chemistry, 2016, 55, 3218-3228.	1.9	27
64	A photoswitchable strapped calix[4]pyrrole receptor: highly effective chloride binding and release. Chemical Science, 2021, 12, 3188-3193.	3.7	27
65	Localized Mixedâ€Valence and Redox Activity within a Triazoleâ€Bridged Dinucleating Ligand upon Coordination to Palladium. Chemistry - A European Journal, 2016, 22, 13965-13975.	1.7	26
66	Redox Interconversion between Cobalt(III) Thiolate and Cobalt(II) Disulfide Compounds. Inorganic Chemistry, 2018, 57, 8796-8805.	1.9	26
67	Stabilization of the Lowâ€Spin State in a Mononuclear Iron(II) Complex and Highâ€Temperature Cooperative Spin Crossover Mediated by Hydrogen Bonding. Chemistry - A European Journal, 2016, 22, 331-339.	1.7	25
68	Dioxygen Activation by a Macrocyclic Copper Complex Leads to a Cu₂O₂ Core with Unexpected Structure and Reactivity. Chemistry - A European Journal, 2016, 22, 5133-5137.	1.7	25
69	Photoinitiated Reactivity of a Thiolate-Ligated, Spin-Crossover Nonheme {FeNO}⁷ Complex with Dioxygen. Journal of the American Chemical Society, 2016, 138, 3107-3117.	6.6	25
70	Photochemical Resolution of a Thermally Inert Cyclometalated Ru(phbpy)(Nâ€“N)(Sulfoxide)⁺ Complex. Journal of the American Chemical Society, 2019, 141, 352-362.	6.6	25
71	Structure, Spectroscopy, and Reactivity of a Mononuclear Copper Hydroxide Complex in Three Molecular Oxidation States. Journal of the American Chemical Society, 2020, 142, 12265-12276.	6.6	25
72	Hydrogen Atom Abstraction by High-Valent Fe(OH) versus Mn(OH) Porphyrinoid Complexes: Mechanistic Insights from Experimental and Computational Studies. Inorganic Chemistry, 2019, 58, 16761-16770.	1.9	24

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73	A Thioether-Ligated Cupric Superoxide Model with Hydrogen Atom Abstraction Reactivity. Journal of the American Chemical Society, 2021, 143, 3707-3713.	6.6	23
74	Shorter Alkyl Chains Enhance Molecular Diffusion and Electron Transfer Kinetics between Photosensitisers and Catalysts in CO₂â€Reducing Photocatalytic Liposomes. Chemistry - A European Journal, 2021, 27, 17203-17212.	1.7	23
75	Search for a Symmetrical Câ€“Fâ€“C Fluoronium Ion in Solution: Kinetic Isotope Effects, Synthetic Labeling, and Computational, Solvent, and Rate Studies. Journal of the American Chemical Society, 2015, 137, 11476-11490.	6.6	22
76	Redoxâ€Activeâ€Ligandâ€Mediated Formation of an Acyclic Trinuclear Ruthenium Complex with Bridging Nitrido Ligands. Angewandte Chemie - International Edition, 2016, 55, 8381-8385.	7.2	22
77	Two Different Emissions of (2Z)-2-(4-Bromophenyl)-3-[4-(dimethylamino)phenyl]prop-2-enenitrile Due to Crystal Habit and Size: Synthesis, Optical, and Supramolecular Characterization. Crystal Growth and Design, 2017, 17, 1679-1694.	1.4	22
78	Synthesis and Ligand Non-Innocence of Thiolate-Ligated (N4S) Iron(II) and Nickel(II) Bis(imino)pyridine Complexes. Inorganic Chemistry, 2013, 52, 10467-10480.	1.9	21
79	Cu^I Thiolate Reactivity with Dioxygen: The Formation of Cu^{II} Sulfinate and Cu^{II} Sulfonate Species via a Cu^{II} Thiolate Intermediate. Inorganic Chemistry, 2013, 52, 13113-13122.	1.9	21
80	Controlled Interconversion of a Dinuclear Au Species Supported by a Redoxâ€Active Bridging PNP Ligand Facilitates Ligandâ€toâ€Gold Electron Transfer. Chemistry - A European Journal, 2017, 23, 5585-5594.	1.7	21
81	Cï¿½H Activation of Benzene by a Photoactivated Ni^{II}(azide): Formation of a Transient Nickel Nitrido Complex. Angewandte Chemie, 2015, 127, 7161-7165.	1.6	20
82	Dinuclear Nickel Complexes of Thiolate-Functionalized Carbene Ligands and Their Electrochemical Properties. Organometallics, 2018, 37, 740-747.	1.1	20
83	Copper(I) Complex Mediated Nitric Oxide Reductive Coupling: Ligand Hydrogen Bonding Derived Proton Transfer Promotes N₂O_(g) Release. Journal of the American Chemical Society, 2019, 141, 17962-17967.	6.6	20
84	Solid-state identity of 2-hydroxynicotinic acid and its polymorphism. CrystEngComm, 2015, 17, 5195-5205.	1.3	19
85	Copperâ€Catalyzed Oxidation of Alkanes with H₂O₂ under a Fentonâ€like Regime. Angewandte Chemie, 2016, 128, 13065-13068.	1.6	19
86	Through-Space Activation Can Override Substituent Effects in Electrophilic Aromatic Substitution. Journal of the American Chemical Society, 2017, 139, 14913-14916.	6.6	19
87	Direct Resonance Raman Characterization of a Peroxynitrito Copper Complex Generated from O₂ and NO and Mechanistic Insights into Metalâ€Mediated Peroxynitrite Decomposition. Angewandte Chemie - International Edition, 2019, 58, 10936-10940.	7.2	19
88	Low-Energy Electronic Transition in SiB Rings. Organometallics, 2019, 38, 1688-1698.	1.1	19
89	Crystal Structure and Optical Properties of a Chiral Mixed Thiolate/Stibine-Protected Au₁₈ Cluster. Journal of the American Chemical Society, 2022, 144, 478-484.	6.6	19
90	Effect of Metal Dilution on the Thermal Spin Transition of [Fe_xZn_{1â€“x}(bapbpy)(NCS)₂]. European Journal of Inorganic Chemistry, 2013, 2013, 1033-1042.	1.0	18

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91	Intermolecular Aliphatic Câ€“FÂ·Â·Â·Hâ€“C Interaction in the Presence of â€œStrongerâ€•Hydrogen Bond Acceptors: Crystallographic, Computational, and IR Studies. Journal of Organic Chemistry, 2017, 82, 3996-4000.	1.7	18
92	Hierarchically Ordered Two-Dimensional Coordination Polymers Assembled from Redox-Active Dimolybdenum Clusters. Journal of the American Chemical Society, 2018, 140, 10673-10676.	6.6	18
93	The two isomers of a cyclometallated palladium sensitizer show different photodynamic properties in cancer cells. Chemical Communications, 2019, 55, 4695-4698.	2.2	18
94	Reversible multi-electron storage in dual-site redox-active supramolecular cages. Chemical Communications, 2019, 55, 12619-12622.	2.2	18
95	Ruthenium-based PACT agents based on bisquinoline chelates: synthesis, photochemistry, and cytotoxicity. Journal of Biological Inorganic Chemistry, 2021, 26, 667-674.	1.1	18
96	The role of the dendritic support in the catalytic performance of peripheral pincer Pd-complexes. New Journal of Chemistry, 2011, 35, 2356.	1.4	17
97	Protonation of a Biologically Relevant Cu^{II} Î¼â€Thiolate Complex: Ligand Dissociation or Formation of a Protonated Cu^I Disulfide Species?. Chemistry - A European Journal, 2014, 20, 16913-16921.	1.7	17
98	Metalâ€“Metal Interactions in Heterobimetallic Complexes with Dinucleating Redoxâ€Active Ligands. Angewandte Chemie, 2016, 128, 2452-2456.	1.6	17
99	Rhenium(<scp>v</scp>)â€“oxo corrolazines: isolating redox-active ligand reactivity. Chemical Communications, 2016, 52, 167-170.	2.2	17
100	Intracellular Dynamic Assembly of Deepâ€Red Emitting Supramolecular Nanostructures Based on the Ptâ€¦Pt Metallophilic Interaction. Advanced Materials, 2021, 33, e2008613.	11.1	17
101	Substituted Phenanthrolines as Antennae in Luminescent Eu^{III} Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 6137-6146.	1.0	16
102	The Influence of Peripheral Substituent Modification on P^V, Mn^{III}, and Mn^V(O) Corrolazines: X-ray Crystallography, Electrochemical and Spectroscopic Properties, and HAT and OAT Reactivities. Inorganic Chemistry, 2016, 55, 8646-8660.	1.9	16
103	Selective Preparation of a Heteroleptic Cyclometallated Ruthenium Complex Capable of Undergoing Photosubstitution of a Bidentate Ligand. Chemistry - A European Journal, 2019, 25, 1260-1268.	1.7	16
104	Nickel Complexes of Pyridine-Functionalized N-Heterocyclic Carbenes: Syntheses, Structures, and Activity in Electrocatalytic Hydrogen Production. European Journal of Inorganic Chemistry, 2016, 2016, 4693-4700.	1.0	15
105	Stereocontrolled Syntheses of Functionalized cis- and trans-Siladecalins. Journal of the American Chemical Society, 2019, 141, 17926-17936.	6.6	15
106	Ruthenium-based PACT compounds based on an N,S non-toxic ligand: a delicate balance between photoactivation and thermal stability. , 0, 1, 2.		15
107	Discovery of actinomycin L, a new member of the actinomycin family of antibiotics. Scientific Reports, 2022, 12, 2813.	1.6	15
108	The survival times of malaria-infected mice are prolonged more by several new two-carbon-linked artemisinin-derived dimer carbamates than by the trioxane antimalarial drug artemether. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1285-1289.	1.0	14

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109	Ligand-Mediated Spin-State Changes in a Cobalt-Dipyrrin-Bisphenol Complex. Inorganic Chemistry, 2020, 59, 12903-12912.	1.9	14
110	Alkyne Functionalization of a Photoactivated Ruthenium Polypyridyl Complex for Click-Enabled Serum Albumin Interaction Studies. Inorganic Chemistry, 2020, 59, 7710-7720.	1.9	14
111	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transferâ€Induced Photoreduction in Phospholipid Bilayers. Chemistry - A European Journal, 2021, 27, 3013-3018.	1.7	14
112	Rollover Cyclometalation vs Nitrogen Coordination in Tetrapyridyl Anticancer Gold(III) Complexes: Effect on Protein Interaction and Toxicity. Jacs Au, 2021, 1, 380-395.	3.6	14
113	Twisting of 2D KagomÃ© Sheets in Layered Intermetallics. ACS Central Science, 2021, 7, 1381-1390.	5.3	14
114	Temperature-Dependent Reactivity of a Non-heme Fe^{III}(OH)(SR) Complex: Relevance to Isopenicillin N Synthase. Journal of the American Chemical Society, 2021, 143, 46-52.	6.6	14
115	On the Homogeneity of a Cobalt-Based Water Oxidation Catalyst. ACS Catalysis, 2022, 12, 4597-4607.	5.5	14
116	Conformational and Molecular Structures of Î±,Î²-Unsaturated Acrylonitrile Derivatives: Photophysical Properties and Their Frontier Orbitals. Molecules, 2016, 21, 389.	1.7	13
117	A Câ€“F Bond Directed Dielsâ€“Alder Reaction. Journal of Organic Chemistry, 2016, 81, 8087-8090.	1.7	13
118	Changes in the luminescence emission of Î±,Î²-unsaturated acrylonitrile derivatives: morphology, polymorphism and solvent effect. CrystEngComm, 2016, 18, 7554-7572.	1.3	13
119	Wellâ€Defined Dinuclear Gold Complexes for Preorganizationâ€Induced Selective Dual Gold Catalysis. Angewandte Chemie, 2016, 128, 10196-10200.	1.6	13
120	Rutheniumâ€toâ€Platinum Interactions in Î·⁶,Î·¹ NCNâ€Pincer Arene Heterobimetallic Complexes: An Experimental and Theoretical Study. European Journal of Inorganic Chemistry, 2010, 2010, 4667-4677.	1.0	12
121	The close interaction of a C F bond with a carbonyl Ïâ€“system: Attractive, repulsive, or both?. Journal of Fluorine Chemistry, 2016, 188, 126-130.	0.9	12
122	Ring fusion isomers of dithienoborepins: perturbations of electronic structure, aromaticity, and reactivity in boron-containing polycyclic heteroaromatics. Canadian Journal of Chemistry, 2017, 95, 381-389.	0.6	12
123	A Reactive, Photogenerated High-Spin (S = 2) Fe^{IV}(O) Complex via O₂Activation. Journal of the American Chemical Society, 2021, 143, 21637-21647.	6.6	12
124	Synthesis of a Tight Intramolecular OHÂ·Â·Â·Olefin Interaction, Probed by IR, ¹H NMR, and Quantum Chemistry. Journal of Organic Chemistry, 2015, 80, 4803-4807.	1.7	11
125	Copper(I) Complexes of Naphthyl-Substituted Fluorinated Trispyrazolylborate Ligands with Ethene and Carbon Monoxide. European Journal of Inorganic Chemistry, 2016, 2016, 2586-2594.	1.0	11
126	Positioning a Carbonâ€“Fluorine Bond over the Ïâ€…Cloud of an Aromatic Ring: A Different Type of Arene Activation. Angewandte Chemie, 2016, 128, 8406-8409.	1.6	11

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127	Cooperative Noncovalent Interactions Induce Ion Pair Separation in Diphenylsilanides. Chemistry - A European Journal, 2017, 23, 15633-15637.	1.7	11
128	A Case of Serendipity: Synthesis, Characterization, and Unique Chemistry of a Stable, Ring-Unsubstituted Aliphaticp-Quinone Methide. Organic Letters, 2019, 21, 2326-2329.	2.4	11
129	Close Amide NHÂ·Â·Â·F Hydrogen Bonding Interactions in 1,8-Disubstituted Naphthalenes. Journal of Organic Chemistry, 2020, 85, 6195-6200.	1.7	11
130	Bright Cyan Phosphorescence of a (Phosphane)copper(I) Complex of the TriÂhydridoÂpyrazolylborate Ligand H3B(3,5-Ph2Pz)-. European Journal of Inorganic Chemistry, 2015, 2015, 5387-5394.	1.0	10
131	Mononuclear, Nonheme, High-Spin {FeNO}7/8 Complexes Supported by a Sterically Encumbered N4S-Thioether Ligand. Inorganic Chemistry, 2019, 58, 9576-9580.	1.9	10
132	Atypical Spirotetronate Polyketides Identified in the Underexplored Genus Streptacidiphilus. Journal of Organic Chemistry, 2020, 85, 10648-10657.	1.7	10
133	Electrochemical Degradation of a Dicationic Rhenium Complex via Hoffman-Type Elimination. Inorganic Chemistry, 2021, 60, 13011-13020.	1.9	10
134	A Nonheme Mononuclear {FeNO} 7 Complex that Produces N 2 O in the Absence of an Exogenous Reductant. Angewandte Chemie - International Edition, 2021, 60, 21558-21564.	7.2	10
135	KÎ² X-ray Emission Spectroscopy as a Probe of Cu(I) Sites: Application to the Cu(I) Site in Preprocessed Galactose Oxidase. Inorganic Chemistry, 2020, 59, 16567-16581.	1.9	10
136	Isocyanide or nitrosyl complexation to hemes with varying tethered axial base ligand donors: synthesis and characterization. Journal of Biological Inorganic Chemistry, 2016, 21, 729-743.	1.1	8
137	Controlling with light the interaction betweentrans-tetrapyridyl ruthenium complexes and an oligonucleotide. Dalton Transactions, 2018, 47, 507-516.	1.6	8
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