

# Jonathan McMaster

## List of Publications by Year in descending order

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135  
papers

6,907  
citations

50566

48  
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152  
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152  
docs citations

152  
times ranked

4823  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
2	A delocalized arene-bridged diuranium single-molecule magnet. <i>Nature Chemistry</i> , 2011, 3, 454-460.	6.6	299
3	Isolation and characterization of a uranium(VI)–nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
4	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a $[R_2C=UO_2]^{2+}$ Analogue of the $[O=UO]^{2+}$ Uranyl Ion ( $R = Ph_2PNSiMe_3$ ), and Comparison of the Nature of $U^{IV}=C$ , $U^V=C$ , and $U^{VI}=C$ Double Bonds. <i>Journal of the American Chemical Society</i> , 2012, 134, 10047-10054.	6.6	163
5	Homologation and functionalization of carbon monoxide by a recyclable uranium complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9265-9270.	3.3	151
6	$\sigma$ and $\pi$ -Donation in an Unsupported Uranium–Gallium Bond. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1077-1080.	7.2	136
7	Single-Molecule Magnetism in a Single-Ion Triamidoamine Uranium(V) Terminal Mono-Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4921-4924.	7.2	133
8	Uranium–Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene $[U\{C(PPH_2)_2NSiMe_3\}_2(Cl)_2](I)$ and Comparison of $U^V=C$ and $U^{IV}=C$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2383-2386.	7.2	132
9	A Formal High Oxidation State Inverse-Sandwich Diuranium Complex: A New Route to Block-Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10388-10392.	7.2	132
10	Triamidoamine–Uranium(IV)–Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	7.2	130
11	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	5.8	128
12	Synthesis and Characterization of an f-Block Terminal Parent Imido $[U=NH]$ Complex: A Masked Uranium(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2014, 136, 5619-5622.	6.6	121
13	Triamidoamine uranium(IV)–arsenic complexes containing one-, two- and threefold $U=As$ bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	6.6	114
14	A Lanthanide–Gallium Complex Stabilized by the N-Heterocyclic Carbene Group. <i>Journal of the American Chemical Society</i> , 2007, 129, 5360-5361.	6.6	113
15	Probing the Magnetic Properties of Three Interconvertible Redox States of a Single-Molecule Magnet with Magnetic Circular Dichroism Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 1756-1757.	6.6	110
16	A phenoxy radical complex of copper(II). <i>Chemical Communications</i> , 2001, , 1824-1825.	2.2	107
17	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6696-6700.	7.2	103
18	The Nature of the $U=C$ Double Bond: Pushing the Stability of High-Oxidation-State Uranium Carbenes to the Limit. <i>Chemistry - A European Journal</i> , 2013, 19, 7071-7083.	1.7	99

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19	A phenolâ€“imidazole pro-ligand that can exist as a phenoxyl radical, alone and when complexed to copper(ii) and zinc(ii). Dalton Transactions, 2003, , 1975-1985.	1.6	98
20	The photophysics of fac-[Re(CO)3(dppz)(py)]+ in CH3CN: a comparative picosecond flash photolysis, transient infrared, transient resonance Raman and density functional theoretical studyDedicated to the memory of Nobel Laureate, Lord George Porter FRSC FRS OM.. Photochemical and Photobiological Sciences, 2003, 2, 542.	1.6	95
21	Synthesis and structural characterisation of an yttriumâ€“alkylâ€“alkylidene. Chemical Communications, 2008, , 1747.	2.2	92
22	A dedicated spectrometer for dissolution DNP NMR spectroscopy. Physical Chemistry Chemical Physics, 2010, 12, 5883.	1.3	92
23	A Cerium(IV)â€“Carbon Multiple Bond. Angewandte Chemie - International Edition, 2013, 52, 13016-13019.	7.2	91
24	Twoâ€“Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitriles to Cyanate by Carbon Monoxide. Angewandte Chemie - International Edition, 2014, 53, 10412-10415.	7.2	91
25	Emergence of comparable covalency in isostructural cerium(<sc>iv</sc>)â€“ and uranium(<sc>iv</sc>)â€“carbon multiple bonds. Chemical Science, 2016, 7, 3286-3297.	3.7	90
26	Synthesis and structure of [{N(CH2CH2NSiMe3)3}URe(Î-5-C5H5)2]: a heterobimetallic complex with an unsupported uraniumâ€“rhenium bond. Chemical Communications, 2009, , 2851.	2.2	89
27	Synthesis and structure of [U{C(PPh2NMe)2}2] (Me = 2,4,6-Me3C6H2): A homoleptic uranium bis(carbene) complex with two formal Uâ€“C double bonds. Dalton Transactions, 2010, 39, 5074.	1.6	85
28	An unsupported transition metalâ€“lanthanide bond; synthesis and crystal structure of an Ndâ€“Fe amido N-heterocyclic carbene complex. Chemical Communications, 2009, , 818-820.	2.2	82
29	Phenoxyl radicals: H-bonded and coordinated to Cu(ii) and Zn(ii). Dalton Transactions, 2006, , 258-267.	1.6	79
30	A Heterobimetallic Gallyl Complex Containing an Unsupported Gaâ€“Y Bond. Inorganic Chemistry, 2009, 48, 3520-3522.	1.9	77
31	Phenoxyl Radicals Hydrogen-Bonded to Imidazolium: Analogues of Tyrosyl D. of Photosystem II: High-Field EPR and DFT Studies. Angewandte Chemie - International Edition, 2005, 44, 5314-5317.	7.2	73
32	An Unsupported Uraniumâ€“Rhenium Complex Prepared by Alkane Elimination. Chemistry - A European Journal, 2011, 17, 6909-6912.	1.7	72
33	Ligand K-Edge and Metal L-Edge X-ray Absorption Spectroscopy and Density Functional Calculations of Oxomolybdenum Complexes with Thiolate and Related Ligands:Â Implications for Sulfite Oxidase. Journal of the American Chemical Society, 1999, 121, 10035-10046.	6.6	69
34	The active sites of molybdenum- and tungsten-containing enzymes. Current Opinion in Chemical Biology, 1998, 2, 201-207.	2.8	67
35	Synthesis and reactivity of the yttrium-alkyl-carbene complex [Y(BIPM)(CH2C6H5)(THF)] (BIPM =) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	67
36	Formation of a Copper(II)â€“Tyrosyl Complex at the Active Site of Lytic Polysaccharide Monoxygenases Following Oxidation by H<sub>2</sub>O<sub>2</sub>. Journal of the American Chemical Society, 2019, 141, 18585-18599.	6.6	66

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37	The Nature of Unsupported Uranium–Ruthenium Bonds: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2011, 17, 11266-11273.	1.7	65
38	Heteroleptic $[M(CH_2)_6C_6H_5]_2(I)(THF)_3$ Complexes (M = Y or Er): Remarkably Stable Precursors to Yttrium and Erbium T-Shaped Carbenes. <i>Organometallics</i> , 2009, 28, 6771-6776.	1.1	64
39	Structural and theoretical insights into the perturbation of uranium–rhenium bonds by dative Lewis base ancillary ligands. <i>Chemical Communications</i> , 2011, 47, 295-297.	2.2	64
40	A Crystallizable Dinuclear Tuck-In-Tuck-Over Tuck-Over Dialkyl Tren Uranium Complex and Double Dearylation of $BPh_4$ To Give the $BPh_2$ -Functionalized Metallocycle $[U\{N(CH_2)_2CH_2NSiMe_3\}_2(CH_2)_2CH_2NSiMe_2]C$ . <i>Journal of the American Chemical Society</i> , 2009, 131, 10388-10389.	6.6	61
41	Phenolate and phenoxy radical complexes of Co(ii) and Co(iii). <i>Dalton Transactions</i> , 2004, , 3647.	1.6	60
42	Binuclear Cobalt Complexes of Schiff-Base Calixpyrroles and Their Roles in the Catalytic Reduction of Dioxygen. <i>Inorganic Chemistry</i> , 2009, 48, 5195-5207.	1.9	60
43	A Monomeric Dithio Methandiide with a Distorted <i>trans</i> -Planar Four-Coordinate Carbon. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5570-5573.	7.2	59
44	Time-resolved infrared (TRIR) study on the formation and reactivity of organometallic methane and ethane complexes in room temperature solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6933-6938.	3.3	57
45	Probing the Solvent Dependent Photophysics of <i>Inorganic Chemistry</i> , 2008, 47, 9857-9869.	1.9	57
46	An Inverted Sandwich Diuranium $U_4$ : $U_5$ -Cyclo $P_5$ Complex Supported by $U_5$ Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	7.2	52
47	Synthesis and Characterization of Dysprosium and Lanthanum Bis(iminophosphorano)methanide and -methanediide Complexes. <i>Organometallics</i> , 2010, 29, 2315-2321.	1.1	51
48	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. <i>Nature Communications</i> , 2013, 4, 2323.	5.8	50
49	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	7.2	50
50	Redox Non-innocence of Thioether Macrocycles: Elucidation of the Electronic Structures of Mononuclear Complexes of Gold(II) and Silver(II). <i>Journal of the American Chemical Society</i> , 2006, 128, 13827-13839.	6.6	49
51	A triamido-uranium(v) inverse-sandwich $10\text{-}\mu\text{-toluene}$ tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	1.6	49
52	Molecular and Electronic Structures of One-Electron Oxidized $Ni^{II}$ -(Dithiosalicylidenediamine) Complexes: $Ni^{III}$ -Thiolate versus $Ni^{II}$ -Thiyl Radical States. <i>Chemistry - A European Journal</i> , 2008, 14, 2564-2576.	1.7	48
53	Titanium(IV) Alkoxy-N-heterocyclic Carbenes: Structural Preferences of Alkoxide and Bromide Adducts. <i>Organometallics</i> , 2006, 25, 1861-1867.	1.1	46
54	Electrocatalytic production of hydrogen by a synthetic model of [NiFe] hydrogenases. <i>Chemical Communications</i> , 2006, , 1103.	2.2	44

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55	A bis(diimidazole)Copper Complex Possessing a Reversible Cu <sup>II</sup> /Cu <sup>I</sup> Couple with a High Redox Potential. <i>Chemistry - A European Journal</i> , 1996, 2, 685-693.	1.7	42
56	Chemical Analogues of the Catalytic Centers of Molybdenum and Tungsten Dithiolene-Containing Enzymes. <i>Progress in Inorganic Chemistry</i> , 2004, , 539-583.	3.0	41
57	The Synthesis and Electronic Structure of a Novel[NiS <sub>4</sub> Fe <sub>2</sub> (CO) <sub>6</sub> ] Radical Cluster: Implications for the Active Site of the[NiFe] Hydrogenases. <i>Chemistry - A European Journal</i> , 2004, 10, 3384-3396.	1.7	40
58	Thermally Driven Intramolecular Charge Transfer in an Oxo-Molybdenum Dithiolate Complex. <i>Journal of the American Chemical Society</i> , 2001, 123, 10389-10390.	6.6	39
59	Synthesis and structure of gold(III) complexes of asymmetric dithiolene ligands. <i>Polyhedron</i> , 2006, 25, 591-598.	1.0	39
60	The dithiolene ligand "innocent" or "non-innocent"? A theoretical and experimental study of some cobalt dithiolene complexes. <i>Faraday Discussions</i> , 2007, 135, 469-488.	1.6	39
61	Five Coordinate M(II)-Diphenolate [M = Zn(II), Ni(II), and Cu(II)] Schiff Base Complexes Exhibiting Metal- and Ligand-Based Redox Chemistry. <i>Inorganic Chemistry</i> , 2013, 52, 660-670.	1.9	39
62	Highly Reduced Double-Decker Single-Molecule Magnets Exhibiting Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2013, 52, 4464-4471.	1.9	39
63	[U <sup>III</sup> ]{N(SiMe <sub>2</sub> ) <sub>2</sub> tBu} <sub>2</sub> }: A Structurally Authenticated Trigonal Planar Actinide Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14579-14583.	1.7	39
64	Selective reduction and homologation of carbon monoxide by organometallic iron complexes. <i>Nature Communications</i> , 2018, 9, 3757.	5.8	36
65	Electronic Spectral Studies of Molybdenyl Complexes. 2. MCD Spectroscopy of [MoOS <sub>4</sub> ]-Centers. <i>Inorganic Chemistry</i> , 2001, 40, 687-702.	1.9	35
66	Formation of [(L)Ni(½S) <sub>x</sub> {Fe(CO) <sub>3</sub> }] <sub>x</sub> adducts (x = 1 or 2): analogues of the active site of [NiFe] hydrogenase. <i>Chemical Communications</i> , 2006, , 317-319.	2.2	33
67	An MCD spectroscopic study of the molybdenum active site in sulfite oxidase: insight into the role of coordinated cysteine. <i>Journal of Inorganic Biochemistry</i> , 2000, 80, 227-233.	1.5	32
68	Ni(III) vs. Ni(II)-thiyl radical: charge-delocalisation in a binuclear Ni(III)Ni(II)-dithiolate complex. <i>Chemical Communications</i> , 2003, , 1098-1099.	2.2	32
69	New Thiolate-Cobalt(II) Complexes for Catalytic Chain Transfer Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2004, 37, 6667-6669.	2.2	32
70	Bis-morpholine-Substituted Perylene Bisimides: Impact of Isomeric Arrangement on Electrochemical and Spectroelectrochemical Properties. <i>Journal of Organic Chemistry</i> , 2008, 73, 8808-8814.	1.7	32
71	Crystallographic, Electrochemical, and Electronic Structure Studies of the Mononuclear Complexes of Au(I)/(II)/(III) with [9]aneS <sub>2</sub> O ([9]aneS <sub>2</sub> O = 1-oxa-4,7-dithiacyclononane). <i>Inorganic Chemistry</i> , 2008, 47, 9919-9929.	1.9	32
72	Excited state dependent electron transfer of a rhenium-dipyridophenazine complex intercalated between the base pairs of DNA: a time-resolved UV-visible and IR absorption investigation into the photophysics of fac-[Re(CO) <sub>3</sub> (F2dppz)(py)] <sup>+</sup> bound to either [poly(dA-dT)] <sub>2</sub> or [poly(dG-dC)] <sub>2</sub> . <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1355.	1.6	32

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73	Thionated naphthalene diimides: tuneable chromophores for applications in photoactive dyads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 752-764.	1.3	30
74	The structural characterisation and elucidation of the electronic structure of the mononuclear Pt(III) complex [Pt([9]aneS3) <sub>2</sub> ] <sup>3+</sup> ([9]aneS3 = 1,4,7-trithiacyclononane). <i>Chemical Communications</i> , 2008, , 5707.	2.2	29
75	Probing the Mechanism of Carbon-Hydrogen Bond Activation by Photochemically Generated Hydridotris(pyrazolyl)borato Carbonyl Rhodium Complexes: New Experimental and Theoretical Investigations. <i>Organometallics</i> , 2008, 27, 189-201.	1.1	29
76	EPR Spectroscopic and Theoretical Study of Chromium(I) Carbonyl Phosphine and Phosphonite Complexes. <i>Organometallics</i> , 1997, 16, 4362-4368.	1.1	28
77	Synthesis, characterisation and magnetic study of a cyano-substituted dysprosium double decker single-molecule magnet. <i>Dalton Transactions</i> , 2012, 41, 1128-1130.	1.6	28
78	Photochemical Dihydrogen Production Using an Analogue of the Active Site of [NiFe] Hydrogenase. <i>Inorganic Chemistry</i> , 2014, 53, 4430-4439.	1.9	26
79	A Ni-Fe analogue of the Ni-L state of the active site of the [NiFe] hydrogenases. <i>Chemical Communications</i> , 2015, 51, 16988-16991.	2.2	25
80	Alkali-metal mediated reactivity of a diamineborane: mono- and bis-borylation of naphthalene versus boryl lithium or hydroborane formation. <i>Chemical Communications</i> , 2012, 48, 5769.	2.2	23
81	The synthesis and characterisation of phenolate complexes of Cu(II) and Ni(II) that are capable of supporting a phenoxyl radical ligand. <i>Inorganica Chimica Acta</i> , 2007, 360, 203-211.	1.2	22
82	Magnetic circular dichroism spectroscopy as a probe of the structures of the metal sites in metalloproteins. <i>Current Opinion in Structural Biology</i> , 2010, 20, 615-622.	2.6	22
83	Unusual formation of a [NiSFe <sub>2</sub> (CO) <sub>6</sub> ] cluster: a structural model for the inactive form of [NiFe] hydrogenase. <i>Dalton Transactions</i> , 2009, , 925-931.	1.6	21
84	Synthesis and Photophysical Study of a [NiFe] Hydrogenase Biomimetic Compound Covalently Linked to a Re-diimine Photosensitizer. <i>Inorganic Chemistry</i> , 2016, 55, 527-536.	1.9	20
85	Electronic Structure of a Binuclear Nickel Complex of Relevance to [NiFe] Hydrogenase. <i>Inorganic Chemistry</i> , 2008, 47, 11688-11697.	1.9	19
86	An Inverted Sandwich Uranium-5-Cyclopentadienyl Complex Supported by U <sub>5</sub> Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	1.6	19
87	Dynamic nuclear polarisation by thermal mixing: quantum theory and macroscopic simulations. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30093-30104.	1.3	19
88	Redox Non-Innocence of Thioether Crowns: Spectroelectrochemistry and Electronic Structure of Formal Nickel(III) Complexes of Aza-Thioether Macrocycles. <i>Chemistry - A European Journal</i> , 2011, 17, 10246-10258.	1.7	18
89	Bowing to the Pressure of $\pi$ - $\pi$ Interactions: Bending of Phenyl Rings in a Palladium(II) Thioether Crown Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5093-5095.	7.2	18
90	Coordination Chemistry of Nitrile and Amino Pendant Arm Derivatives of [9]aneN <sub>2</sub> S and [9]aneNS <sub>2</sub> with Pd(II) and Cu(I). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1232-1241.	1.0	17

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91	Redox Non-innocence of Thioether Crowns: Elucidation of the Electronic Structure of the Mononuclear Pd(III) Complexes [Pd( $\eta^5$ -C <sub>5</sub> S <sub>3</sub> ) <sub>2</sub> ] <sup>3+</sup> and [Pd( $\eta^6$ -C <sub>6</sub> S <sub>6</sub> )] <sup>3+</sup> . <i>Inorganic Chemistry</i> , 2012, 51, 1450-1461.	1.9	16
92	Isolation of Elusive HASAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	1.6	16
93	Amido analogues of zirconocenes and cadmocenes. <i>Dalton Transactions</i> , 2011, 40, 1641.	1.6	15
94	Synthesis, structure and redox properties of bis(cyclopentadienyl)dithiolene complexes of molybdenum and tungsten. <i>Dalton Transactions</i> , 2011, 40, 10457.	1.6	15
95	Ultrafast Intramolecular Charge Separation in a Donor-Acceptor Assembly Comprising Bis( $\eta^5$ -cyclopentadienyl)molybdenum Coordinated to an Ene-1,2-dithiolate-naphthalenetetracarboxylicdiimide Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 13181-13194.	1.9	15
96	Synthesis and characterisation of halide, separated ion pair, and hydride cyclopentadienyl iron bis(diphenylphosphino)ethane derivatives. <i>Dalton Transactions</i> , 2015, 44, 14159-14177.	1.6	15
97	Electronic structure of the mononuclear Ag(ii) complex [Ag( $\eta^4$ -C <sub>4</sub> O <sub>2</sub> )] <sup>2+</sup> ([18]aneS <sub>4</sub> O <sub>2</sub> ) <sup>2+</sup> . <i>J. Chem. Phys.</i> 134, 074301 (2011). DOI: 10.1063/1.3574314	2.2	14
98	Synthesis and structure of a bis-N-heterocyclic carbene complex of uranium tetrachloride exhibiting short Cl-C-carbene contacts. <i>Dalton Transactions</i> , 2009, , 6924.	1.6	14
99	Bis-thioether-Substituted Perylene Diimides: Structural, Electrochemical, and Spectroelectrochemical Properties. <i>Journal of Organic Chemistry</i> , 2013, 78, 2853-2862.	1.7	14
100	Heterobimetallic [NiFe] Complexes Containing Mixed CO/CN Ligands: Analogs of the Active Site of the [NiFe] Hydrogenases. <i>Inorganic Chemistry</i> , 2018, 57, 2558-2569.	1.9	14
101	Magnetic properties of a novel family of ferrous cubanes. <i>Chemical Communications</i> , 2012, 48, 2430.	2.2	13
102	Imidazolylidene Cu(II) Complexes: Synthesis Using Imidazolium Carboxylate Precursors and Structure Rearrangement Pathways. <i>Inorganic Chemistry</i> , 2019, 58, 16047-16058.	1.9	12
103	Density Functional Theoretical Studies of the Re-Xe Bonds in Re(Cp)(CO)(PF <sub>3</sub> )Xe and Re(Cp)(CO) <sub>2</sub> Xe. <i>Organometallics</i> , 2006, 25, 5242-5248.	1.1	11
104	Synthesis, Structure and Redox Properties of Asymmetric (Cyclopentadienyl)(ene-1,2-dithiolate)cobalt(III) Complexes Containing Phenyl, Pyridyl and Pyrazinyl Units. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3550-3561.	1.0	10
105	Epitaxial Retrieval of a Disappearing Polymorph. <i>Crystal Growth and Design</i> , 2015, 15, 115-123.	1.4	10
106	A monomeric, heterobimetallic complex with an unsupported Mg-Fe bond. <i>Inorganica Chimica Acta</i> , 2017, 458, 97-100.	1.2	10
107	Insights into the nature of the hydrogen bonding of Tyr272 in apo-galactose oxidase. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1859-1864.	1.5	9
108	Perylene Diimide Triple Helix Formation in the Solid State. <i>Crystal Growth and Design</i> , 2018, 18, 802-807.	1.4	9



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109	Group 11 m-Terphenyl Complexes Featuring Metallophilic Interactions. <i>Inorganic Chemistry</i> , 2021, 60, 10114-10123.	1.9	9
110	Bioinorganic chemistry. <i>Die Naturwissenschaften</i> , 1987, 74, 71-77.	0.6	8
111	Crystal structure and magnetic properties of di-copper and di-zinc complexes with di-2-pyridyl ketone oxime. <i>Inorganic Chemistry Communication</i> , 2016, 74, 79-81.	1.8	8
112	Assembly of Dicobalt(III) Complexes Incorporating Di- $\lambda^4$ -thiophenolate Moieties. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2389-2392.	1.0	7
113	Frequency domain magnetic resonance and magnetic circular dichroism studies on Ni <sub>4</sub> cubane molecular nanomagnets: A magnetic anisotropy investigation. <i>Inorganica Chimica Acta</i> , 2010, 363, 4329-4336.	1.2	7
114	Bioinorganic chemistry. <i>Dalton Transactions</i> , 2013, 42, 3027.	1.6	7
115	Carbene in Cupredoxin Protein Scaffolds: Replacement of a Histidine Ligand in the Active Site Substantially Alters Copper Redox Properties. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10677-10682.	7.2	7
116	High-pressure studies of palladium and platinum thioether macrocyclic dihalide complexes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 469-486.	0.5	6
117	Core-Substituted Naphthalene Diimides: Influence of Substituent Conformation on Strong Visible Absorption. <i>ChemPlusChem</i> , 2017, 82, 489-492.	1.3	6
118	Probing the use of long lived intra-ligand $\pi \rightarrow \pi^*$ excited states for photocatalytic systems: A study of the photophysics and photochemistry of [ReCl(CO) <sub>3</sub> (dppz-(CH <sub>3</sub> ) <sub>2</sub> )]. <i>Polyhedron</i> , 2017, 123, 259-264.	1.0	5
119	Mapping blood biochemistry by Raman spectroscopy at the cellular level. <i>Chemical Science</i> , 2021, 13, 133-140.	3.7	5
120	Metal Complex of Hydrogenase Active Sites. <i>RSC Energy and Environment Series</i> , 2011, , 326-386.	0.2	4
121	High-pressure studies of three polymorphs of a palladium(II) oxathioether macrocyclic complex. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 357-371.	0.5	4
122	Structural and electronic studies of substituted <i>m</i> -terphenyl lithium complexes. <i>Dalton Transactions</i> , 2021, 50, 722-728.	1.6	4
123	Bioinorganic chemistry. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2002, 98, 593-614.	0.8	3
124	A transition metal-gallium cluster formed via insertion of Ga. <i>Chemical Communications</i> , 2020, 56, 8139-8142.	2.2	3
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