

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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77
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docs citations

152
times ranked

4823
citing authors

#	ARTICLE	IF	CITATIONS
1	Group 11 m-Terphenyl Complexes Featuring Metallophilic Interactions. <i>Inorganic Chemistry</i> , 2021, 60, 10114-10123.	1.9	9
2	Structural and electronic studies of substituted <i>m</i> -terphenyl lithium complexes. <i>Dalton Transactions</i> , 2021, 50, 722-728.	1.6	4
3	Mapping blood biochemistry by Raman spectroscopy at the cellular level. <i>Chemical Science</i> , 2021, 13, 133-140.	3.7	5
4	A transition metal-gallium cluster formed via insertion of Ga. <i>Chemical Communications</i> , 2020, 56, 8139-8142.	2.2	3
5	Carbene-Induced Rescue of Catalytic Activity in Deactivated Nitrite Reductase Mutant. <i>Chemistry - A European Journal</i> , 2020, 26, 15206-15211.	1.7	2
6	Influence of molecular design on radical spin multiplicity: characterisation of BODIPY dyad and triad radical anions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4429-4438.	1.3	2
7	Formation of a Copper(II)-Tyrosyl Complex at the Active Site of Lytic Polysaccharide Monooxygenases Following Oxidation by H ₂ O ₂ . <i>Journal of the American Chemical Society</i> , 2019, 141, 18585-18599.	6.6	66
8	Imidazolylidene Cu(II) Complexes: Synthesis Using Imidazolium Carboxylate Precursors and Structure Rearrangement Pathways. <i>Inorganic Chemistry</i> , 2019, 58, 16047-16058.	1.9	12
9	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
10	Perylene Diimide Triple Helix Formation in the Solid State. <i>Crystal Growth and Design</i> , 2018, 18, 802-807.	1.4	9
11	Thionated naphthalene diimides: tuneable chromophores for applications in photoactive dyads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 752-764.	1.3	30
12	Carbene in Cupredoxin Protein Scaffolds: Replacement of a Histidine Ligand in the Active Site Substantially Alters Copper Redox Properties. <i>Angewandte Chemie</i> , 2018, 130, 10837-10842.	1.6	2
13	Selective reduction and homologation of carbon monoxide by organometallic iron complexes. <i>Nature Communications</i> , 2018, 9, 3757.	5.8	36
14	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
15	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	5.8	128
16	Core-Substituted Naphthalene Diimides: Influence of Substituent Conformation on Strong Visible Absorption. <i>ChemPlusChem</i> , 2017, 82, 489-492.	1.3	6
17	A monomeric, heterobimetallic complex with an unsupported Mg-Fe bond. <i>Inorganica Chimica Acta</i> , 2017, 458, 97-100.	1.2	10
18	Probing the use of long lived intra-ligand ¹ LC* excited states for photocatalytic systems: A study of the photophysics and photochemistry of [ReCl(CO) ₃ (dppz-(CH ₃) ₂)]. <i>Polyhedron</i> , 2017, 123, 259-264.	1.0	5

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19	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
20	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
21	Dynamic nuclear polarisation by thermal mixing: quantum theory and macroscopic simulations. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30093-30104.	1.3	19
22	Emergence of comparable covalency in isostructural cerium(IV) and uranium(IV) carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	3.7	90
23	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
24	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	7.2	50
25	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	1.6	16
26	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
27	Epitaxial Retrieval of a Disappearing Polymorph. <i>Crystal Growth and Design</i> , 2015, 15, 115-123.	1.4	10
28	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
29	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
30	An Inverted Sandwich Diuranium $\text{U}_2\text{U}^{\text{IV}}\text{Cyclopentadienyl}$ Complex Supported by U^{IV} Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	1.6	19
31	An Inverted Sandwich Diuranium $\text{U}_2\text{U}^{\text{IV}}\text{Cyclopentadienyl}$ Complex Supported by U^{IV} Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	7.2	52
32	A Ni(II)Fe(II) 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
33	Two-Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitrides to Cyanate by Carbon Monoxide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10412-10415.	7.2	91
34	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	7.2	130
35	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
36	Photochemical Dihydrogen Production Using an Analogue of the Active Site of [NiFe] Hydrogenase. <i>Inorganic Chemistry</i> , 2014, 53, 4430-4439.	1.9	26

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37	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
38	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
39	[U ^{III}]{N(SiMe ₂ CH ₂) ₃ }: A Structurally Authenticated Trigonal Planar Actinide Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14579-14583.	1.7	39
40	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. <i>Nature Communications</i> , 2013, 4, 2323.	5.8	50
41	A triamido-uranium(v) inverse-sandwich 10 ⁻ -toluene tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	1.6	49
42	Bioinorganic chemistry. <i>Dalton Transactions</i> , 2013, 42, 3027.	1.6	7
43	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
44	Bis-thioether-Substituted Perylene Diimides: Structural, Electrochemical, and Spectroelectrochemical Properties. <i>Journal of Organic Chemistry</i> , 2013, 78, 2853-2862.	1.7	14
45	Highly Reduced Double-Decker Single-Molecule Magnets Exhibiting Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2013, 52, 4464-4471.	1.9	39
46	Bowing to the Pressure of π - π 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
47	Single-Molecule Magnetism in a Single-Mon Triamidoamine Uranium(V) Terminal Mono-Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4921-4924.	7.2	133
48	The Nature of the U \equiv 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
49	Isolation and characterization of a uranium(VI) nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
50	A Cerium(IV) Carbon Multiple Bond. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13016-13019.	7.2	91
51	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
52	Magnetic properties of a novel family of ferrous cubanes. <i>Chemical Communications</i> , 2012, 48, 2430.	2.2	13
53	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
54	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a [R ₂ C=U ⁺] ²⁺ Analogue of the [O=U ⁺] ²⁺ Uranyl Ion (R = Ph ₂ PNSiMe 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

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55	Redox Non-innocence of Thioether Crowns: Elucidation of the Electronic Structure of the Mononuclear Pd(III) Complexes $[Pd([9]aneS_3)_2]^{3+}$ and $[Pd([18]aneS_6)]^{3+}$. <i>Inorganic Chemistry</i> , 2012, 51, 1450-1461.	1.9	16
56	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
57	Ultrafast Intramolecular Charge Separation in a Donor-Acceptor Assembly Comprising Bis(η^5 -cyclopentadienyl)molybdenum Coordinated to an Ene-1,2-dithiolate-naphthalenetetracarboxylicdiimide Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 13181-13194.	1.9	15
58	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
59	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
60	Amido analogues of zirconocenes and cadmocenes. <i>Dalton Transactions</i> , 2011, 40, 1641.	1.6	15
61	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 $fac-[Re(CO)_3(F2dppz)(py)]^+$ bound to either $[poly(dA-dT)]_2$ or $[poly(dG-dC)]_2$. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1355.	1.6	32
62	A delocalized arene-bridged diuranium single-molecule magnet. <i>Nature Chemistry</i> , 2011, 3, 454-460.	6.6	299
63	Metal Complex of Hydrogenase Active Sites. <i>RSC Energy and Environment Series</i> , 2011, , 326-386.	0.2	4
64	Synthesis, structure and redox properties of bis(cyclopentadienyl)dithiolene complexes of molybdenum and tungsten. <i>Dalton Transactions</i> , 2011, 40, 10457.	1.6	15
65	Uranium-Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene $[U\{C(PPH_2)_2NSiMe_3\}_2](Cl)_2(I)$ and Comparison of $U^V\text{-}\frac{3}{4}C$ and $U^{IV}\text{-}\frac{3}{4}C$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2383-2386.	7.2	132
66	A Formal High Oxidation State Inverse-Sandwich Diuranium Complex: A New Route to f-Block-Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10388-10392.	7.2	132
67	An Unsupported Uranium-Rhenium Complex Prepared by Alkane Elimination. <i>Chemistry - A European Journal</i> , 2011, 17, 6909-6912.	1.7	72
68	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
69	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
70	Study of palladium thioether complexes at high pressure. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C44-C44.	0.3	0
71	Setting up a home high-pressure laboratory from scratch - when is it worth it?. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C527-C527.	0.3	0
72	Frequency domain magnetic resonance and magnetic circular dichroism studies on Ni ₄ cubane molecular nanomagnets: A magnetic anisotropy investigation. <i>Inorganica Chimica Acta</i> , 2010, 363, 4329-4336.	1.2	7

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73	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
74	A Monomeric Dilithio Methandiide with a Distorted <i>trans</i> -Planar Four-Coordinate Carbon. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5570-5573.	7.2	59
75	Synthesis and Characterization of Dysprosium and Lanthanum Bis(iminophosphorano)methanide and -methanediide Complexes. <i>Organometallics</i> , 2010, 29, 2315-2321.	1.1	51
76	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
77	Synthesis and structure of [U{C(PPh ₂ NMes) ₂ } ₂] (Mes = 2,4,6-Me ₃ C ₆ H ₂): A homoleptic uranium bis(carbene) complex with two formal U=C double bonds. <i>Dalton Transactions</i> , 2010, 39, 5074.	1.6	85
78	A dedicated spectrometer for dissolution DNP NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 5883.	1.3	92
79	σ and π -Donation in an Unsupported Uranium-Gallium Bond. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1077-1080.	7.2	136
80	Heteroleptic [M(CH ₂ C ₆ H 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
81	A Heterobimetallic Gallyl Complex Containing an Unsupported Ga-Y Bond. <i>Inorganic Chemistry</i> , 2009, 48, 3520-3522.	1.9	77
82	Synthesis and reactivity of the yttrium-alkyl-carbene complex [Y(BIPM)(CH ₂ C ₆ H ₅)(THF)] (BIPM =) <small>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</small>	1.6	67
83	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
84	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 CH ₂ NSiMe ₃) ₂ (CH ₂ CH ₂ NSiMe ₂) ₂ }] <i>Journal of the American Chemical Society</i> , 2009, 131, 10388-10389.	6.6	61
85	Synthesis and structure of [N(CH ₂ CH ₂ NSiMe ₃) ₃]URe(1-5-C ₅ H ₅) ₂ : a heterobimetallic complex with an unsupported uranium-rhenium bond. <i>Chemical Communications</i> , 2009, , 2851.	2.2	89
86	An unsupported transition metal-lanthanide bond; synthesis and crystal structure of an Nd-Fe amido N-heterocyclic carbene complex. <i>Chemical Communications</i> , 2009, , 818-820.	2.2	82
87	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
88	Unusual formation of a [NiSFe ₂ (CO) ₆] cluster: a structural model for the inactive form of [NiFe] hydrogenase. <i>Dalton Transactions</i> , 2009, , 925-931.	1.6	21
89	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
90	Electronic Structure of a Binuclear Nickel Complex of Relevance to [NiFe] Hydrogenase. <i>Inorganic Chemistry</i> , 2008, 47, 11688-11697.	1.9	19

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91	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
92	The structural characterisation and elucidation of the electronic structure of the mononuclear Pt(III) complex [Pt([9]aneS ₃) ₂] ³⁺ ([9]aneS ₃ = 1,4,7-trithiacyclononane). <i>Chemical Communications</i> , 2008, , 5707.	2.2	29
93	Electronic structure of the mononuclear Ag(II) complex [Ag([18]aneS ₄ O ₂)] ²⁺ ([18]aneS ₄ O ₂ = 1,4,7,10-tetrathia-18-crown-6). <i>Journal of Inorganic Chemistry</i> , 2008, 47, 9857-9869.	2.2	14
94	Probing the Solvent Dependent Photophysics of Inorganic Chemistry, 2008, 47, 9857-9869.	1.9	57
95	Crystallographic, Electrochemical, and Electronic Structure Studies of the Mononuclear Complexes of Au(I)/(II)/(III) with [9]aneS ₂ O ([9]aneS ₂ O = 1-oxa-4,7-dithiacyclononane). <i>Inorganic Chemistry</i> , 2008, 47, 9919-9929.	1.9	32
96	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
97	Synthesis and structural characterisation of an yttrium-alkylidene. <i>Chemical Communications</i> , 2008, , 1747.	2.2	92
98	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
99	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
100	Bioinorganic chemistry. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2007, 103, 492.	0.8	1
101	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
102	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
103	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
104	Electrocatalytic production of hydrogen by a synthetic model of [NiFe] hydrogenases. <i>Chemical Communications</i> , 2006, , 1103.	2.2	44
105	Formation of [(L)Ni(1/2-S) _x {Fe(CO) ₃ }] _x adducts (x = 1 or 2): analogues of the active site of [NiFe] hydrogenase. <i>Chemical Communications</i> , 2006, , 317-319.	2.2	33
106	Phenoxyl radicals: H-bonded and coordinated to Cu(II) and Zn(II). <i>Dalton Transactions</i> , 2006, , 258-267.	1.6	79
107	Titanium(IV) Alkoxy-N-heterocyclic Carbenes: Structural Preferences of Alkoxide and Bromide Adducts. <i>Organometallics</i> , 2006, 25, 1861-1867.	1.1	46
108	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

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109	Density Functional Theoretical Studies of the Re-Xe Bonds in Re(Cp)(CO)(PF ₃)Xe and Re(Cp)(CO) ₂ Xe. <i>Organometallics</i> , 2006, 25, 5242-5248.	1.1	11
110	Synthesis and structure of gold(III) complexes of asymmetric dithiolene ligands. <i>Polyhedron</i> , 2006, 25, 591-598.	1.0	39
111	Phenoxy Radicals Hydrogen-Bonded to Imidazolium: Analogues of Tyrosyl D. of Photosystem II: High-Field EPR and DFT Studies. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5314-5317.	7.2	73
112	Dalton Discussion No. 8. Metals: centres of biological activity. <i>Dalton Transactions</i> , 2005, , 3372.	1.6	0
113	Chemical Analogues of the Catalytic Centers of Molybdenum and Tungsten Dithiolene-Containing Enzymes. <i>ChemInform</i> , 2004, 35, no.	0.1	0
114	The Synthesis and Electronic Structure of a Novel [Ni-S ₄ Fe ₂ (CO) ₆] Radical Cluster: Implications for the Active Site of the [NiFe] Hydrogenases. <i>Chemistry - A European Journal</i> , 2004, 10, 3384-3396.	1.7	40
115	New Thiolate-Cobalt(II) Complexes for Catalytic Chain Transfer Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2004, 37, 6667-6669.	2.2	32
116	Phenolate and phenoxy radical complexes of Co(ii) and Co(iii). <i>Dalton Transactions</i> , 2004, , 3647.	1.6	60
117	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
118	Assembly of Dicobalt(III) Complexes Incorporating Di-1/4-thiophenolate Moieties. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2389-2392.	1.0	7
119	Coordination Chemistry of Nitrile and Amino Pendant Arm Derivatives of [9]aneN ₂ S and [9]aneNS ₂ with PdII and CuII. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1232-1241.	1.0	17
120	New N,O-bidentate pro-ligands capable of stabilising a phenoxy radical state as free and when bound to Cu(II) or Zn(II). <i>Journal of Inorganic Biochemistry</i> , 2003, 96, 101.	1.5	1
121	The photophysics of fac-[Re(CO) ₃ (dppz)(py)] ⁺ in CH ₃ CN: a comparative picosecond flash photolysis, transient infrared, transient resonance Raman and density functional theoretical study Dedicated to the memory of Nobel Laureate, Lord George Porter FRSC FRS OM.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 542.	1.6	95
122	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
123	A phenolate-imidazole pro-ligand that can exist as a phenoxy radical, alone and when complexed to copper(ii) and zinc(ii). <i>Dalton Transactions</i> , 2003, , 1975-1985.	1.6	98
124	29 Bioinorganic chemistry. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2002, 98, 593-614.	0.8	3
125	Bioinorganic chemistry. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2001, 97, 567-586.	0.8	1
126	Electronic Spectral Studies of Molybdenyl Complexes. 2. MCD Spectroscopy of [MoOS ₄]-Centers. <i>Inorganic Chemistry</i> , 2001, 40, 687-702.	1.9	35

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