

Eric J L Mcinnes

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4354433/eric-j-l-mcinnes-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

5,999
citations

42
h-index

73
g-index

152
ext. papers

6,876
ext. citations

9.6
avg, IF

5.51
L-index

#	Paper	IF	Citations
144	Molecular spins clock in.. <i>Nature Chemistry</i> , 2022 , 14, 361-362	17.6	0
143	Functionalized Tris(anilido)triazacyclononanes as Hexadentate Ligands for the Encapsulation of U(III), U(IV) and La(III) Cations. <i>Inorganics</i> , 2021 , 9, 86	2.9	1
142	Oxidative Cleavage of Alkenes by O with a Non-Heme Manganese Catalyst. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10005-10013	16.4	9
141	The Origin of Catalytic Benzylic C-H Oxidation over a Redox-Active Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15243-15247	16.4	4
140	The Origin of Catalytic Benzylic C-H Oxidation over a Redox-Active Metal-Organic Framework. <i>Angewandte Chemie</i> , 2021 , 133, 15371-15375	3.6	
139	Construction of C-C bonds via photoreductive coupling of ketones and aldehydes in the metal-organic-framework MFM-300(Cr). <i>Nature Communications</i> , 2021 , 12, 3583	17.4	8
138	Ultra-thin g-CN/MFM-300(Fe) heterojunctions for photocatalytic aerobic oxidation of benzylic carbon centers. <i>Materials Advances</i> , 2021 , 2, 5144-5149	3.3	3
137	Targeting molecular quantum memory with embedded error correction. <i>Chemical Science</i> , 2021 , 12, 9104-9113	9.2	134
136	High Ammonia Adsorption in MFM-300 Materials: Dynamics and Charge Transfer in Host-Guest Binding. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3153-3161	16.4	24
135	Control of zeolite microenvironment for propene synthesis from methanol. <i>Nature Communications</i> , 2021 , 12, 822	17.4	5
134	Atomically Dispersed Copper Sites in a Metal-Organic Framework for Reduction of Nitrogen Dioxide. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10977-10985	16.4	15
133	Resolution of Lithium Deposition versus Intercalation of Graphite Anodes in Lithium Ion Batteries: An In Situ Electron Paramagnetic Resonance Study. <i>Angewandte Chemie</i> , 2021 , 133, 22031-22038	3.6	2
132	Resolution of Lithium Deposition versus Intercalation of Graphite Anodes in Lithium Ion Batteries: An In Situ Electron Paramagnetic Resonance Study. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21860-21867	16.4	9
131	Dimerized -Semiquinone Radical Anions Stabilized by a Pair of Rare-Earth Metal Ions. <i>Inorganic Chemistry</i> , 2020 , 59, 7371-7375	5.1	3
130	Elucidating the Structural Chemistry of a Hysteretic Iron(II) Spin-Crossover Compound From its Copper(II) and Zinc(II) Congeners. <i>Chemistry - A European Journal</i> , 2020 , 26, 4833-4841	4.8	4
129	Quantitative production of butenes from biomass-derived Valerolactone catalysed by hetero-atomic MFI zeolite. <i>Nature Materials</i> , 2020 , 19, 86-93	27	33
128	Quantitative Electro-Reduction of CO to Liquid Fuel over Electro-Synthesized Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17384-17392	16.4	26

127	Single Ion Anisotropy of CrIII and FeIII in a Series of {Ti7M} Rings. <i>Applied Magnetic Resonance</i> , 2020 , 51, 1251-1265	0.8	0
126	Adsorption of Nitrogen Dioxide in a Redox-Active Vanadium Metal-Organic Framework Material. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15235-15239	16.4	20
125	Electro-reduction of carbon dioxide at low over-potential at a metal-organic framework decorated cathode. <i>Nature Communications</i> , 2020 , 11, 5464	17.4	21
124	Magnetic exchange interactions in symmetric lanthanide dimetallics. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3909-3918	6.8	4
123	Conformational Flexibility of Hybrid [3]- and [4]-Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15941-15949	16.4	7
122	Iodine Adsorption in a Redox-Active Metal-Organic Framework: Electrical Conductivity Induced by Host-Guest Charge-Transfer. <i>Inorganic Chemistry</i> , 2019 , 58, 14145-14150	5.1	38
121	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10290-10294	16.4	11
120	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. <i>Angewandte Chemie</i> , 2019 , 131, 10396-10400	3.6	2
119	Periodic trends and hidden dynamics of magnetic properties in three series of triazacyclononane lanthanide complexes. <i>Dalton Transactions</i> , 2019 , 48, 8400-8409	4.3	8
118	Studies of hysteresis and quantum tunnelling of the magnetisation in dysprosium(iii) single molecule magnets. <i>Dalton Transactions</i> , 2019 , 48, 8541-8545	4.3	38
117	Sensitivity of Magnetic Anisotropy in the Solid State for Lanthanide Complexes with Small Crystal Field Splitting. <i>Inorganic Chemistry</i> , 2019 , 58, 5733-5745	5.1	13
116	Thorium- and uranium-azide reductions: a transient dithorium-nitride isolable diuranium-nitrides. <i>Chemical Science</i> , 2019 , 10, 3738-3745	9.4	27
115	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019 , 10, 3330	17.4	34
114	Close Encounters of the Weak Kind: Investigations of Electron-Electron Interactions between Dissimilar Spins in Hybrid Rotaxanes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14633-14642	16.4	6
113	Capture of nitrogen dioxide and conversion to nitric acid in a porous metal-organic framework. <i>Nature Chemistry</i> , 2019 , 11, 1085-1090	17.6	55
112	Electronic structures of bent lanthanide(III) complexes with two N-donor ligands. <i>Chemical Science</i> , 2019 , 10, 10493-10502	9.4	17
111	Exploring Synthetic Routes to Heteroleptic UIII, UIV, and ThIV Bulky Bis(silyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2356-2362	2.3	14
110	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6314-6318	16.4	79

109	Measurement of Magnetic Exchange in Asymmetric Lanthanide Dimetallics: Toward a Transferable Theoretical Framework. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2504-2513	16.4	60
108	Modular [FeM] (M = Pd, Co, Ni, Cu) Coordination Cages. <i>Inorganic Chemistry</i> , 2018 , 57, 3500-3506	5.1	11
107	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie</i> , 2018 , 130, 6422-6426	3.6	21
106	Hybrid Organic-Inorganic Rotaxanes, Including a Hetero-Hybrid [3]Rotaxane Featuring Two Distinct Heterometallic Rings and a Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10919-10922	16.4	12
105	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018 , 17, 691-696	27	108
104	Cages on a plane: a structural matrix for molecular sheets. <i>Dalton Transactions</i> , 2018 , 47, 15530-15537	4.3	9
103	Uranium(III)-carbon multiple bonding supported by arene π -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018 , 9, 2097	17.4	23
102	Hybrid Organic-Inorganic Rotaxanes, Including a Hetero-Hybrid [3]Rotaxane Featuring Two Distinct Heterometallic Rings and a Molecular Shuttle. <i>Angewandte Chemie</i> , 2018 , 130, 11085-11088	3.6	2
101	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Well-Defined Cleavage and Redox Reactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 2950-2959	4.8	31
100	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017 , 8, 14137	17.4	94
99	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. <i>Nature Communications</i> , 2017 , 8, 14212	17.4	64
98	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. <i>Nature Chemistry</i> , 2017 , 9, 578-583	17.6	69
97	Rationalization of Anomalous Pseudocontact Shifts and Their Solvent Dependence in a Series of C-Symmetric Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14166-14172	16.4	48
96	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of f-Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie</i> , 2017 , 129, 11692-11696	3.6	7
95	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of f-Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11534-11538	16.4	28
94	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. <i>Nature Communications</i> , 2017 , 8, 1898	17.4	25
93	A Facile Synthetic Route to a Family of Mn(III) Monomers and Their Structural, Magnetic and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5123-5131	2.3	3
92	Heterodimers of heterometallic rings. <i>Dalton Transactions</i> , 2016 , 45, 16610-16615	4.3	6

91	Inter- versus Intramolecular Structural Manipulation of a Dichromium(II) Pacman Complex through Pressure Variation. <i>Inorganic Chemistry</i> , 2016 , 55, 214-20	5.1	5
90	Emergence of comparable covalency in isostructural cerium(IV)- and uranium(IV)-carbon multiple bonds. <i>Chemical Science</i> , 2016 , 7, 3286-3297	9.4	76
89	A monometallic lanthanide bis(methanediide) single molecule magnet with a large energy barrier and complex spin relaxation behaviour. <i>Chemical Science</i> , 2016 , 7, 155-165	9.4	264
88	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016 , 7, 11377	17.4	144
87	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016 , 7, 13773	17.4	63
86	Studies of a Large Odd-Numbered Odd-Electron Metal Ring: Inelastic Neutron Scattering and Muon Spin Relaxation Spectroscopy of Cr ₈ Mn. <i>Chemistry - A European Journal</i> , 2016 , 22, 1779-88	4.8	20
85	Introduction to Molecular Magnetism. From Transition Metals to Lanthanides Von Cristiano Benelli und Dante Gatteschi.. <i>Angewandte Chemie</i> , 2016 , 128, 1995-1995	3.6	
84	Observation of the influence of dipolar and spin frustration effects on the magnetocaloric properties of a trigonal prismatic {Gd} molecular nanomagnet. <i>Chemical Science</i> , 2016 , 7, 4891-4895	9.4	32
83	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015 , 6, 7492	17.4	112
82	Copper Lanthanide Phosphonate Cages: Highly Symmetric {Cu ₃ Ln ₉ P ₆ } and {Cu ₆ Ln ₆ P ₆ } Clusters with C _{3v} and D _{3h} Symmetry. <i>Inorganic Chemistry</i> , 2015 , 54, 6331-7	5.1	17
81	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold U-As bonding interactions. <i>Nature Chemistry</i> , 2015 , 7, 582-90	17.6	98
80	An Inverted-Sandwich Diuranium η^5 -Cyclo-P Complex Supported by U-P η^5 Bonding. <i>Angewandte Chemie</i> , 2015 , 127, 7174-7178	3.6	18
79	[Cr(III) ₈ M(II) ₆](12+) Coordination Cubes (M(II)=Cu, Co). <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6761-4	16.4	35
78	An Inverted-Sandwich Diuranium η^5 :[η^5]-Cyclo-P ₅ Complex Supported by U-P ₅ η^5 Bonding. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7068-72	16.4	43
77	Platinum(II) complexes of mixed-valent radicals derived from cyclotricatechylene, a macrocyclic tris-dioxolene. <i>Chemical Science</i> , 2015 , 6, 6935-6948	9.4	11
76	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15250-4	16.4	40
75	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015 , 127, 15465-15469	16.4	40
74	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb ²⁺ DTMA](3+) in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10783-6	16.4	46

73	[CrIII8MII6]12+ Coordination Cubes (MII=Cu, Co). <i>Angewandte Chemie</i> , 2015 , 127, 6865-6868	3.6	10
72	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb?DTMA] in Aqueous Solution. <i>Angewandte Chemie</i> , 2015 , 127, 10933-10936	3.6	14
71	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015 , 1,	8.6	79
70	Heterometallische Ringe: physikalische Eigenschaften und Verwendung als supramolekulare Bausteine. <i>Angewandte Chemie</i> , 2015 , 127, 14450-14477	3.6	24
69	g-Engineering in Hybrid Rotaxanes To Create AB and AB2 Electron Spin Systems: EPR Spectroscopic Studies of Weak Interactions between Dissimilar Electron Spin Qubits. <i>Angewandte Chemie</i> , 2015 , 127, 11008-11011	3.6	10
68	g-Engineering in Hybrid Rotaxanes To Create AB and AB2 Electron Spin Systems: EPR Spectroscopic Studies of Weak Interactions between Dissimilar Electron Spin Qubits. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10858-61	16.4	31
67	Heterometallic Rings: Their Physics and use as Supramolecular Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14244-69	16.4	85
66	Systematic Study of a Family of Butterfly-Like {M2Ln2} Molecular Magnets (M = Mg(II), Mn(III), Co(II), Ni(II), and Cu(II); Ln = Y(III), Gd(III), Tb(III), Dy(III), Ho(III), and Er(III)). <i>Inorganic Chemistry</i> , 2015 , 54, 5930-41	5.1	87
65	Electronic Structure of a Mixed-Metal Fluoride-Centered Triangle Complex: A Potential Qubit Component. <i>Inorganic Chemistry</i> , 2015 , 54, 12019-26	5.1	13
64	Synthesis, characterization, and reactivity of a uranium(VI) carbene imido oxo complex. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6696-700	16.4	89
63	Large zero-field splittings of the ground spin state arising from antisymmetric exchange effects in heterometallic triangles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5310-3	16.4	19
62	Coherent electron spin manipulation in a dilute oriented ensemble of molecular nanomagnets: pulsed EPR on doped single crystals. <i>Chemical Communications</i> , 2014 , 50, 91-3	5.8	41
61	Direct measurement of dysprosium(III)⋯dysprosium(III) interactions in a single-molecule magnet. <i>Nature Communications</i> , 2014 , 5, 5243	17.4	190
60	Large Zero-Field Splittings of the Ground Spin State Arising from Antisymmetric Exchange Effects in Heterometallic Triangles. <i>Angewandte Chemie</i> , 2014 , 126, 5414-5417	3.6	1
59	[U(III) {N(SiMe2 tBu)2 }3]: a structurally authenticated trigonal planar actinide complex. <i>Chemistry - A European Journal</i> , 2014 , 20, 14579-83	4.8	35
58	TriamidoamineUranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie</i> , 2014 , 126, 4573-4577	3.6	35
57	Rücktitelbild: Large Zero-Field Splittings of the Ground Spin State Arising from Antisymmetric Exchange Effects in Heterometallic Triangles (Angew. Chem. 21/2014). <i>Angewandte Chemie</i> , 2014 , 126, 5578-5578	3.6	
56	Quantum spin coherence in halogen-modified Cr7Ni molecular nanomagnets. <i>Physical Review B</i> , 2014 , 90,	3.3	22

55	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie</i> , 2014 , 126, 6814-6818	3.6	26
54	Two-Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitrides to Cyanate by Carbon Monoxide. <i>Angewandte Chemie</i> , 2014 , 126, 10580-10583	3.6	20
53	Quantum signatures of a molecular nanomagnet in direct magnetocaloric measurements. <i>Nature Communications</i> , 2014 , 5, 5321	17.4	94
52	A dense metal-organic framework for enhanced magnetic refrigeration. <i>Advanced Materials</i> , 2013 , 25, 4653-6	24	226
51	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, 7071-83	4.8	92
50	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013 , 5, 482-8	17.6	204
49	Magnetic cooling at a single molecule level: a spectroscopic investigation of isolated molecules on a surface. <i>Advanced Materials</i> , 2013 , 25, 2816-20	24	31
48	An Actinide Zintl Cluster: A Tris(triamidouranium)B-D-D-Heptaphosphanortricyclane and Its Diverse Synthetic Utility. <i>Angewandte Chemie</i> , 2013 , 125, 13576-13579	3.6	25
47	Single-Molecule Magnetism in a Single-Ion Triamidoamine Uranium(V) Terminal Mono-Oxo Complex. <i>Angewandte Chemie</i> , 2013 , 125, 5021-5024	3.6	40
46	A classification of spin frustration in molecular magnets from a physical study of large odd-numbered-metal, odd electron rings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19113-8	11.5	102
45	Origin of Impurities Formed in the Polyurethane Production Chain. 1. Conditions for Chlorine Transfer from an Aryl Isocyanide Dichloride Byproduct. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 2515-2523	3.9	4
44	Synthesis of a uranium(VI)-carbene: reductive formation of uranyl(V)-methanides, oxidative preparation of a [R ₂ C=U=O] ²⁺ analogue of the [O=U=O] 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, 10047-54	16.4	147
43	Synthesis and structure of a terminal uranium nitride complex. <i>Science</i> , 2012 , 337, 717-20	33.3	251
42	Spin dynamics of molecular nanomagnets unravelled at atomic scale by four-dimensional inelastic neutron scattering. <i>Nature Physics</i> , 2012 , 8, 906-911	16.2	87
41	A High Anisotropy Barrier in a Sulfur-Bridged Organodysprosium Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2012 , 124, 7082-7086	3.6	40
40	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr ₈ Ni. <i>Physical Review B</i> , 2012 , 86,	3.3	10
39	A Spectroscopic Investigation of Magnetic Exchange Between Highly Anisotropic Spin Centers. <i>Angewandte Chemie</i> , 2011 , 123, 4093-4097	3.6	1
38	Single Pyramid Magnets: Dy ₅ Pyramids with Slow Magnetic Relaxation to 40 K. <i>Angewandte Chemie</i> , 2011 , 123, 6660-6663	3.6	70

37	Chemical control of spin propagation between heterometallic rings. <i>Chemistry - A European Journal</i> , 2011 , 17, 14020-30	4.8	26
36	RECENT DEVELOPMENTS IN EPR SPECTROSCOPY OF MOLECULAR NANOMAGNETS. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2011 , 215-240	0.1	1
35	RECENT SYNTHETIC RESULTS INVOLVING SINGLE MOLECULE MAGNETS. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2011 , 59-108	0.1	1
34	Low-valent vanadium catecholate clusters. <i>Chemical Science</i> , 2010 , 1, 221	9.4	7
33	Molecular Nanomagnets 2010 , 281-348		7
32	Synthesis and Structural, Magnetic and EPR Characterization of Discrete Finite Antiferromagnetic Chains. <i>Applied Magnetic Resonance</i> , 2010 , 37, 685-692	0.8	1
31	EPR spectroscopy of a family of Cr(III) 7M(II) (M = Cd, Zn, Mn, Ni) "wheels": studies of isostructural compounds with different spin ground states. <i>Chemistry - A European Journal</i> , 2009 , 15, 3152-67	4.8	70
30	Engineering the coupling between molecular spin qubits by coordination chemistry. <i>Nature Nanotechnology</i> , 2009 , 4, 173-8	28.7	341
29	Synthesis, X-ray Crystallography, Spectroelectrochemistry and Computational Studies on Potential Copper-Based Radiopharmaceuticals. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3549-3560	2.3	18
28	Mixed-Valence Cobalt(II/III) Carboxylate Clusters: CoII ₄ CoIII ₂ and CoII ₂ CoIII ₂ Complexes from the Use of 2-(Hydroxymethyl)pyridine. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5098-5104	2.3	45
27	Tetrahedra, Super-Tetrahedra, Bipyramids, Boxes and More: Polymetallic Clusters of Benzotriazole. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2725-2733	2.3	22
26	Tetracyanoquinodimethane complexes of copper and a 17-membered N,O-donor macrocycle. <i>Journal of Coordination Chemistry</i> , 2006 , 59, 821-826	1.6	3
25	Spin-enhanced magnetocaloric effect in molecular nanomagnets. <i>Applied Physics Letters</i> , 2005 , 87, 072504	9.4	157
24	Synthesis, structure and magnetic properties of a decametallc Ni single-molecule magnet. <i>Chemical Communications</i> , 2005 , 5038-40	5.8	75
23	Electron paramagnetic resonance studies of the high-spin molecule Cr ₁₀ (OMe) ₂₀ (O ₂ CCMe ₃) ₁₀ . <i>Applied Physics Letters</i> , 2005 , 86, 032507	3.4	3
22	Single-crystal parallel-mode EPR spectroscopy of an S=6 ground-state transition-metal cluster. <i>Physical Review B</i> , 2004 , 69,	3.3	11
21	Tetracyanoquinodimethane derivatives of fully condensed schiff base ligands derived from 2,6-diacetylpyridine: crystal structure of a nickel(ii) chloride complex with 2,6-diacetylpyridinebis(semicarbazone). <i>Journal of Coordination Chemistry</i> , 2004 , 57, 797-804	1.6	10
20	The electroactivity of tetrathiafulvalene vs. polythiophene: synthesis and characterisation of a fused thienoTF polymer. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1964-1969		45

19	Temperature dependence of the electronic ground states of two mononuclear, six-coordinate copper(II) centres. <i>New Journal of Chemistry</i> , 2004 , 28, 228	3.6	22
18	Solvothermal Synthesis of a Tetradecametallic FeIII Cluster. <i>Angewandte Chemie</i> , 2003 , 115, 3911-3914	3.6	17
17	A Covalent Tetrathiafulvalene-Tetracyanoquinodimethane Diad: Extremely Low HOMO-LUMO Gap, Thermoexcited Electron Transfer, and High-Quality Langmuir-Blodgett Films. <i>Angewandte Chemie</i> , 2003 , 115, 4784-4787	3.6	32
16	Synthesis and Characterization of Heterometallic {Cr7M} Wheels. <i>Angewandte Chemie</i> , 2003 , 115, 105-109	3.6	42
15	A combined substituent and supramolecular approach for improving the electron donor properties of 1,3-dithiole-2-thione derivatives. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2490-2498		14
14	A phenol-imidazole pro-ligand that can exist as a phenoxyl radical, alone and when complexed to copper(II) and zinc(II). <i>Dalton Transactions</i> , 2003 , 1975-1985	4.3	93
13	Mono- and di-nuclear tris(pyrazolyl)borato-oxo-tungsten(V) complexes with phenolate ligands: syntheses and structures, and magnetic, electrochemical and UV/Vis/NIR spectroscopic properties. <i>Dalton Transactions</i> , 2003 , 36-45	4.3	21
12	Copper(II) complexes of 2,6-bis(3-tert-butylpyrazol-1-yl)pyridine. <i>Dalton Transactions RSC</i> , 2002 , 1625-1630		10
11	Organometallic platinum(II) complexes of methyl-substituted phenanthrolines. <i>Dalton Transactions RSC</i> , 2002 , 2371		22
10	A crystallographic and EPR study of the fluxional Cu(II) ion in [CuL2][BF4]2 (L = 2,6-dipyrazol-1-ylpyridine). <i>Dalton Transactions RSC</i> , 2002 , 1295-1301		23
9	New superconducting charge-transfer salts (BEDT-TTF)4[AiM(C2O4)3][C6H5NO2 (A = H3O or NH4, M = Cr or Fe, BEDT-TTF = bis(ethylenedithio)tetrathiafulvalene). <i>Journal of Materials Chemistry</i> , 2001 , 11, 2095-2101		87
8	Synthesis, crystal structures, electronic structure and magnetic behaviour of the trithiatriazapentalenyl radical, C2S3N3. <i>Journal of Materials Chemistry</i> , 2001 , 11, 1992-2003		113
7	The effects of distal ligand substitution on the copper(II)/bis-(2,6-dipyrazol-1-ylpyridine) centre. <i>Dalton Transactions RSC</i> , 2001 , 2083-2088		18
6	New molybdenum(V) analogues of Amavadin and their redox properties. <i>Dalton Transactions RSC</i> , 2001 , 3108-3114		17
5	A phenoxyl radical complex of copper(II). <i>Chemical Communications</i> , 2001 , 1824-5	5.8	98
4	Synthesis, redox chemistry and EPR spectroscopy of the mixed-sandwich complexes (Earene)(E-cycloheptatrienyl)metal(z+) (M = Cr or Mo; z = 1 or 2): crystal structures of the redox pair [Cr(E-C6H5Me)(E-C7H6C6H4Me-4)][PF6]n (n = 1 or 2). <i>Dalton Transactions RSC</i> , 2000 , 4669-4676		6
3	Sterische Kontrolle des elektronischen Grundzustands in Komplexen mit sechsfach koordiniertem Kupfer(II). <i>Angewandte Chemie</i> , 1998 , 110, 2344-2346	3.6	2
2	Steric Control of the Electronic Ground State in Six-Coordinate Copper(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2221-2223	16.4	42

- 1 Efficient Photocatalytic Reduction of CO₂ Catalyzed by the Metal-Organic Framework MFM-300(Ga). *CCS Chemistry*, 1-10

7.2 0