

Eric J L Mcinnes

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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	Engineering the coupling between molecular spin qubits by coordination chemistry. <i>Nature Nanotechnology</i> , 2009 , 4, 173-8	28.7	341
143	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
142	Synthesis and structure of a terminal uranium nitride complex. <i>Science</i> , 2012 , 337, 717-20	33.3	251
141	A dense metal-organic framework for enhanced magnetic refrigeration. <i>Advanced Materials</i> , 2013 , 25, 4653-6	24	226
140	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013 , 5, 482-8	17.6	204
139	Direct measurement of dysprosium(III)–dysprosium(III) interactions in a single-molecule magnet. <i>Nature Communications</i> , 2014 , 5, 5243	17.4	190
138	Spin-enhanced magnetocaloric effect in molecular nanomagnets. <i>Applied Physics Letters</i> , 2005 , 87, 072504	9.4	157
137	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
136	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016 , 7, 11377	17.4	144
135	Synthesis, crystal structures, electronic structure and magnetic behaviour of the trithiatriazapentalenyl radical, C ₂ S ₃ N ₃ . <i>Journal of Materials Chemistry</i> , 2001 , 11, 1992-2003		113
134	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015 , 6, 7492	17.4	112
133	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018 , 17, 691-696	27	108
132	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
131	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
130	A phenoxyl radical complex of copper(II). <i>Chemical Communications</i> , 2001 , 1824-5	5.8	98
129	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017 , 8, 14137	17.4	94
128	Quantum signatures of a molecular nanomagnet in direct magnetocaloric measurements. <i>Nature Communications</i> , 2014 , 5, 5321	17.4	94

127	A phenolimidazole 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	4.3	93
126	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
125	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
124	Systematic Study of a Family of Butterfly-Like {M ₂ Ln ₂ } 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
123	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
122	New superconducting charge-transfer salts (BEDT-TTF) ₄ [AIM(C ₂ O ₄) ₃][C ₆ H ₅ NO ₂] (A = H ₃ O or NH ₄ , M = Cr or Fe, BEDT-TTF = bis(ethylenedithio)tetrathiafulvalene). <i>Journal of Materials Chemistry</i> , 2001 , 11, 2095-2101		87
121	Heterometallic Rings: Their Physics and use as Supramolecular Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14244-69	16.4	85
120	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6314-6318	16.4	79
119	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015 , 1,	8.6	79
118	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
117	Synthesis, structure and magnetic properties of a decametallc Ni single-molecule magnet. <i>Chemical Communications</i> , 2005 , 5038-40	5.8	75
116	Single Pyramid Magnets: Dy ₅ Pyramids with Slow Magnetic Relaxation to 40 K. <i>Angewandte Chemie</i> , 2011 , 123, 6660-6663	3.6	70
115	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
114	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. <i>Nature Chemistry</i> , 2017 , 9, 578-583	17.6	69
113	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. <i>Nature Communications</i> , 2017 , 8, 14212	17.4	64
112	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016 , 7, 13773	17.4	63
111	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
110	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

109	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
108	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
107	Mixed-Valence Cobalt(II/III) Carboxylate Clusters: Co ₁₄ Co ₁₁ 2 and Co ₁₁ Co ₁₁ 2 Complexes from the Use of 2-(Hydroxymethyl)pyridine. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5098-5104	2.3	45
106	The electroactivity of tetrathiafulvalene vs. polythiophene: synthesis and characterisation of a fused thieno[5,4-f]TF polymer. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1964-1969		45
105	An Inverted-Sandwich Diuranium [U(5):U(5)]-Cyclo-P5 Complex Supported by U-P5 π -Bonding. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7068-72	16.4	43
104	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
103	Synthesis and Characterization of Heterometallic {Cr ₇ M} Wheels. <i>Angewandte Chemie</i> , 2003 , 115, 105-109	3.6	42
102	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
101	Isolation of Elusive HASAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15250-4	16.4	40
100	A High Anisotropy Barrier in a Sulfur-Bridged Organodysprosium Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2012 , 124, 7082-7086	3.6	40
99	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
98	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
97	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
96	[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
95	[U(III) {N(SiMe ₂ tBu) ₂ } ₃]: a structurally authenticated trigonal planar actinide complex. <i>Chemistry - A European Journal</i> , 2014 , 20, 14579-83	4.8	35
94	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie</i> , 2014 , 126, 4573-4577	3.6	35
93	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
92	Quantitative production of butenes from biomass-derived γ -valerolactone catalysed by hetero-atomic MFI zeolite. <i>Nature Materials</i> , 2020 , 19, 86-93	27	33

91	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
90	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
89	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
88	g-Engineering in Hybrid Rotaxanes To Create AB and AB ₂ 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
87	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
86	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
85	Thorium- and uranium-azide reductions: a transient dithorium-nitride isolable diuranium-nitrides. <i>Chemical Science</i> , 2019 , 10, 3738-3745	9.4	27
84	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie</i> , 2014 , 126, 6814-6818	3.6	26
83	Chemical control of spin propagation between heterometallic rings. <i>Chemistry - A European Journal</i> , 2011 , 17, 14020-30	4.8	26
82	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
81	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. <i>Nature Communications</i> , 2017 , 8, 1898	17.4	25
80	An Actinide Zintl Cluster: A Tris(triamidouranium)β-D _{3h} -Heptaphosphanotricyclane and Its Diverse Synthetic Utility. <i>Angewandte Chemie</i> , 2013 , 125, 13576-13579	3.6	25
79	Heterometallische Ringe: physikalische Eigenschaften und Verwendung als supramolekulare Bausteine. <i>Angewandte Chemie</i> , 2015 , 127, 14450-14477	3.6	24
78	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
77	A crystallographic and EPR study of the fluxional Cu(II) ion in [CuL ₂][BF ₄] ₂ (L = 2,6-dipyrazol-1-ylpyridine). <i>Dalton Transactions RSC</i> , 2002 , 1295-1301		23
76	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
75	Quantum spin coherence in halogen-modified Cr ₇ Ni molecular nanomagnets. <i>Physical Review B</i> , 2014 , 90,	3.3	22
74	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

73	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
72	Organometallic platinum(II) complexes of methyl-substituted phenanthrolines. <i>Dalton Transactions RSC</i> , 2002 , 2371		22
71	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie</i> , 2018 , 130, 6422-6426	3.6	21
70	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
69	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
68	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
67	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
66	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
65	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
64	An Inverted-Sandwich Diuranium η^5 -Cyclo-P Complex Supported by U-P σ -Bonding. <i>Angewandte Chemie</i> , 2015 , 127, 7174-7178	3.6	18
63	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
62	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
61	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
60	Solvothermal Synthesis of a Tetradecametallic Fe ^{III} Cluster. <i>Angewandte Chemie</i> , 2003 , 115, 3911-3914	3.6	17
59	New molybdenum(V) analogues of Amavadin and their redox properties. <i>Dalton Transactions RSC</i> , 2001 , 3108-3114		17
58	Electronic structures of bent lanthanide(III) complexes with two N-donor ligands. <i>Chemical Science</i> , 2019 , 10, 10493-10502	9.4	17
57	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
56	Exploring Synthetic Routes to Heteroleptic U ^{III} , U ^{IV} , and Th ^{IV} Bulky Bis(silyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2356-2362	2.3	14

55	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015 , 127, 15465-15469		
54	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb ²⁺ DTMA] in Aqueous Solution. <i>Angewandte Chemie</i> , 2015 , 127, 10933-10936	3.6	14
53	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
52	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
51	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
50	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, 10915-10922	16.4	12
49	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
48	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
47	Modular [FeM] (M = Pd, Co, Ni, Cu) Coordination Cages. <i>Inorganic Chemistry</i> , 2018 , 57, 3500-3506	5.1	11
46	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
45	[CrIII8MII6]12+ Coordination Cubes (MII=Cu, Co). <i>Angewandte Chemie</i> , 2015 , 127, 6865-6868	3.6	10
44	g-Engineering in Hybrid Rotaxanes To Create AB and AB ₂ 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
43	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr ₈ Ni. <i>Physical Review B</i> , 2012 , 86,	3.3	10
42	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
41	Copper(II) complexes of 2,6-bis(3-tert-butylpyrazol-1-yl)pyridine. <i>Dalton Transactions RSC</i> , 2002 , 1625-1630		10
40	Oxidative Cleavage of Alkenes by O ₂ with a Non-Heme Manganese Catalyst. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10005-10013	16.4	9
39	Cages on a plane: a structural matrix for molecular sheets. <i>Dalton Transactions</i> , 2018 , 47, 15530-15537	4.3	9
38	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

37	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
36	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
35	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
34	Low-valent vanadium catecholate clusters. <i>Chemical Science</i> , 2010 , 1, 221	9.4	7
33	Molecular Nanomagnets 2010 , 281-348		7
32	Conformational Flexibility of Hybrid [3]- and [4]-Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15941-15949	16.4	7
31	Heterodimers of heterometallic rings. <i>Dalton Transactions</i> , 2016 , 45, 16610-16615	4.3	6
30	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
29	Synthesis, redox chemistry and EPR spectroscopy of the mixed-sandwich complexes (Barene)(Bcycloheptatrienyl)metal(z+) (M = Cr or Mo; z = 1 or 2): crystal structures of the redox pair [Cr(BC6H5Me)(BC7H6C6H4Me-4)][PF6]n (n = 1 or 2). <i>Dalton Transactions RSC</i> , 2000 , 4669-4676		6
28	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
27	Control of zeolite microenvironment for propene synthesis from methanol. <i>Nature Communications</i> , 2021 , 12, 822	17.4	5
26	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
25	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
24	Magnetic exchange interactions in symmetric lanthanide dimetallics. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3909-3918	6.8	4
23	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
22	Targeting molecular quantum memory with embedded error correction. <i>Chemical Science</i> , 2021 , 12, 9104-9113	9.4	4
21	Dimerized -Semiquinone Radical Anions Stabilized by a Pair of Rare-Earth Metal Ions. <i>Inorganic Chemistry</i> , 2020 , 59, 7371-7375	5.1	3
20	A Facile Synthetic Route to a Family of MnIII Monomers and Their Structural, Magnetic and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5123-5131	2.3	3

19	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
18	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
17	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
16	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
15	Sterische Kontrolle des elektronischen Grundzustands in Komplexen mit sechsfach koordiniertem Kupfer(II). <i>Angewandte Chemie</i> , 1998 , 110, 2344-2346	3.6	2
14	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
13	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
12	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
11	A Spectroscopic Investigation of Magnetic Exchange Between Highly Anisotropic Spin Centers. <i>Angewandte Chemie</i> , 2011 , 123, 4093-4097	3.6	1
10	RECENT DEVELOPMENTS IN EPR SPECTROSCOPY OF MOLECULAR NANOMAGNETS. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2011 , 215-240	0.1	1
9	RECENT SYNTHETIC RESULTS INVOLVING SINGLE MOLECULE MAGNETS. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2011 , 59-108	0.1	1
8	Synthesis and Structural, Magnetic and EPR Characterization of Discrete Finite Antiferromagnetic Chains. <i>Applied Magnetic Resonance</i> , 2010 , 37, 685-692	0.8	1
7	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
6	Single Ion Anisotropy of Cr(III) and Fe(III) in a Series of {Ti ₇ M} Rings. <i>Applied Magnetic Resonance</i> , 2020 , 51, 1251-1265	0.8	0
5	Molecular spins clock in.. <i>Nature Chemistry</i> , 2022 , 14, 361-362	17.6	0
4	Efficient Photocatalytic Reduction of CO ₂ Catalyzed by the Metal-Organic Framework MFM-300(Ga). <i>CCS Chemistry</i> , 1-10	7.2	0
3	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	
2	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	

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