

Eric J L Mcinnes

List of Publications by Year in descending order

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133
papers

7,853
citations

36203

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56606

83
g-index

152
all docs

152
docs citations

152
times ranked

5906
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering the coupling between molecular spin qubits by coordination chemistry. <i>Nature Nanotechnology</i> , 2009, 4, 173-178.	15.6	374
2	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
3	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.	3.7	300
4	A Dense Metal-Organic Framework for Enhanced Magnetic Refrigeration. <i>Advanced Materials</i> , 2013, 25, 4653-4656.	11.1	273
5	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
6	Direct measurement of dysprosium(III)-dysprosium(III) interactions in a single-molecule magnet. <i>Nature Communications</i> , 2014, 5, 5243.	5.8	223
7	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016, 7, 11377.	5.8	196
8	Spin-enhanced magnetocaloric effect in molecular nanomagnets. <i>Applied Physics Letters</i> , 2005, 87, 072504.	1.5	166
9	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a $[R_2C=UO_2]^{2+}$ Analogue of the $[O=U=O]^{2+}$ 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
10	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018, 17, 691-696.	13.3	162
11	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	5.8	128
12	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015, 6, 7492.	5.8	126
13	Synthesis, crystal structures, electronic structure and magnetic behaviour of the trithiazapentalenyl radical, C ₂ S ₃ N ₃ . <i>Journal of Materials Chemistry</i> , 2001, 11, 1992-2003.	6.7	123
14	Capture of nitrogen dioxide and conversion to nitric acid in a porous metal-organic framework. <i>Nature Chemistry</i> , 2019, 11, 1085-1090.	6.6	116
15	Quantum signatures of a molecular nanomagnet in direct magnetocaloric measurements. <i>Nature Communications</i> , 2014, 5, 5321.	5.8	115
16	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, 19113-19118.	3.3	114
17	Heterometallic Rings: Their Physics and use as Supramolecular Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14244-14269.	7.2	114
18	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

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19	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6314-6318.	7.2	113
20	Chemical Recycling of Polystyrene to Valuable Chemicals via Selective Acid-Catalyzed Aerobic Oxidation under Visible Light. <i>Journal of the American Chemical Society</i> , 2022, 144, 6532-6542.	6.6	111
21	Spin dynamics of molecular nanomagnets unravelled at atomic scale by four-dimensional inelastic neutron scattering. <i>Nature Physics</i> , 2012, 8, 906-911.	6.5	108
22	A phenoxyl radical complex of copper(ii). <i>Chemical Communications</i> , 2001, , 1824-1825.	2.2	107
23	Systematic Study of a Family of Butterfly-Like $\{M_{2}Ln_{2}\}$ Molecular Magnets (M) <i>Tj ETQq1 1 0.784314 rgBT</i>	1.9	107
24	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
25	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. <i>Nature Chemistry</i> , 2017, 9, 578-583.	6.6	102
26	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015, 1, .	2.8	101
27	The Nature of the U- π 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
28	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.	1.6	98
29	New superconducting charge-transfer salts (BEDT-TTF) ₄ [A-M(C ₂ O ₄) ₃]-C ₆ H ₅ NO ₂ (A = H ₃ O or NH ₄ , M = Cr) <i>Tj ETQq1 1 0.784314 rgBT</i>	6.7	93
30	Emergence of comparable covalency in isostructural cerium and uranium carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	3.7	90
31	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016, 7, 13773.	5.8	82
32	Synthesis, structure and magnetic properties of a decametallc Ni single-molecule magnet. <i>Chemical Communications</i> , 2005, , 5038.	2.2	79
33	EPR Spectroscopy of a Family of Cr ^{III} ₇ M ^{II} (M = Cd, Zn, Mn, Ni) "Wheels" Studies of Isostructural Compounds with Different Spin Ground States. <i>Chemistry - A European Journal</i> , 2009, 15, 3152-3167.	1.7	77
34	Direct photo-oxidation of methane to methanol over a mono-iron hydroxyl site. <i>Nature Materials</i> , 2022, 21, 932-938.	18.3	77
35	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. <i>Nature Communications</i> , 2017, 8, 14212.	5.8	75
36	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.	1.9	74

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37	Quantitative production of butenes from biomass-derived γ -valerolactone catalysed by hetero-atomic MFI zeolite. <i>Nature Materials</i> , 2020, 19, 86-93.	13.3	74
38	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.	6.6	73
39	Quantitative Electro-Reduction of CO ₂ to Liquid Fuel over Electro-Synthesized Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 17384-17392.	6.6	73
40	Studies of hysteresis and quantum tunnelling of the magnetisation in dysprosium(ⁱⁱⁱ) single molecule magnets. <i>Dalton Transactions</i> , 2019, 48, 8541-8545.	1.6	71
41	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.	6.6	67
42	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.	6.6	66
43	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019, 10, 3330.	5.8	64
44	Electro-reduction of carbon dioxide at low over-potential at a metal-organic framework decorated cathode. <i>Nature Communications</i> , 2020, 11, 5464.	5.8	62
45	Steric Control of the Electronic Ground State in Six-Coordinate Copper(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2221-2223.	7.2	60
46	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.	6.6	60
47	Rationalization of Anomalous Pseudocontact Shifts and Their Solvent Dependence in a Series of C_3 -Symmetric Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 14166-14172.	6.6	55
48	Synthesis and Characterization of Heterometallic {Cr ₇ M} Wheels. <i>Angewandte Chemie</i> , 2003, 115, 105-109.	1.6	54
49	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb(DTMA) ₃] in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10783-10786.	7.2	52
50	An Inverted Sandwich Diuranium μ_4 - μ_5 -Cyclopentadienyl Complex Supported by μ_5 -Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	7.2	52
51	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	7.2	50
52	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.	6.6	50
53	The electroactivity of tetrathiafulvalene vs. polythiophene: synthesis and characterisation of a fused thieno-TTF polymer. <i>Journal of Materials Chemistry</i> , 2004, 14, 1964-1969.	6.7	46
54	Mixed-Valence Cobalt(II/III) Carboxylate Clusters: Coll ₄ Coll ₂ and Coll ₃ Coll ₂ Complexes from the Use of 2-(Hydroxymethyl)pyridine. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5098-5104.	1.0	46

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55	Coherent electron spin manipulation in a dilute oriented ensemble of molecular nanomagnets: pulsed EPR on doped single crystals. <i>Chemical Communications</i> , 2014, 50, 91-93.	2.2	46
56	Uranium(III)-carbon multiple bonding supported by arene π -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018, 9, 2097.	5.8	43
57	[Cr ^{III} ₈ M ^{II} ₆] ¹²⁺ Coordination Cubes (M ^{II} =Cu, Ni, Co). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764.	7.2	42
58	Observation of the influence of dipolar and spin frustration effects on the magnetocaloric properties of a trigonal prismatic {Gd ₇ } molecular nanomagnet. <i>Chemical Science</i> , 2016, 7, 4891-4895.	3.7	42
59	Thorium- and uranium-azide reductions: a transient dithorium-nitride <i>versus</i> isolable diuranium-nitrides. <i>Chemical Science</i> , 2019, 10, 3738-3745.	3.7	42
60	[U ^{III} {N(SiMe ₂ tBu) ₂ } ₃]: A Structurally Authenticated Trigonal Planar Actinide Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14579-14583.	1.7	39
61	Rare-Earth and Uranium-Mesoionic Carbenes: A New Class of Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11534-11538.	7.2	39
62	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.	1.7	38
63	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, 10858-10861.	7.2	36
64	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.	5.8	35
65	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.	7.2	35
66	Magnetic Cooling at a Single Molecule Level: a Spectroscopic Investigation of Isolated Molecules on a Surface. <i>Advanced Materials</i> , 2013, 25, 2816-2820.	11.1	32
67	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. <i>Nature Communications</i> , 2017, 8, 1898.	5.8	32
68	Quantum spin coherence in halogen-modified Cr ₇ Ni molecular nanomagnets. <i>Physical Review B</i> , 2014, 90, .	1.1	29
69	Chemical Control of Spin Propagation between Heterometallic Rings. <i>Chemistry - A European Journal</i> , 2011, 17, 14020-14030.	1.7	27
70	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, 1779-1788.	1.7	27
71	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie</i> , 2018, 130, 6422-6426.	1.6	26
72	A crystallographic and EPR study of the fluxional Cu(ii) ion in [CuL ₂][BF ₄] ₂ (L = Tj ETQqO O O rgBT /Overlock 10 Tf,50 62 Td (2,6-dipyrar	2.3	25

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73	Electronic structures of bent lanthanide(III) complexes with two N-donor ligands. <i>Chemical Science</i> , 2019, 10, 10493-10502.	3.7	25
74	Direct Observation of Ammonia Storage in UiO-66 Incorporating Cu(II) Binding Sites. <i>Journal of the American Chemical Society</i> , 2022, 144, 8624-8632.	6.6	24
75	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.	1.6	23
76	Tetrahedra, Superâ€Tetrahedra, Bipyramids, Boxes and More: Polymetallic Clusters of Benzotriazole. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2725-2733.	1.0	23
77	Control of zeolite microenvironment for propene synthesis from methanol. <i>Nature Communications</i> , 2021, 12, 822.	5.8	23
78	Organometallic platinum(ii) complexes of methyl-substituted phenanthrolines. <i>Dalton Transactions RSC</i> , 2002, , 2371.	2.3	22
79	Temperature dependence of the electronic ground states of two mononuclear, six-coordinate copper(ii) centres. <i>New Journal of Chemistry</i> , 2004, 28, 228.	1.4	22
80	Large Zeroâ€Field Splittings of the Ground Spin State Arising from Antisymmetric Exchange Effects in Heterometallic Triangles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5310-5313.	7.2	22
81	Hybrid Organicâ€Inorganic Rotaxanes, Including a Heteroâ€Hybrid [3]Rotaxane Featuring Two Distinct Heterometallic Rings and a Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10919-10922.	7.2	21
82	Copper Lanthanide Phosphonate Cages: Highly Symmetric {Cu ₃ Ln ₉ P ₆ } and {Cu ₆ Ln ₆ P ₆ } Clusters with <i>C₃v</i> and <i>D₃h</i> Symmetry. <i>Inorganic Chemistry</i> , 2015, 54, 6331-6337.	1.9	20
83	An Invertedâ€Sandwich Diuranium $\text{U}^{\text{IV}}_2\text{CycloP}_5$ Complex Supported by U^{IV}_5 Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	1.6	19
84	Targeting molecular quantum memory with embedded error correction. <i>Chemical Science</i> , 2021, 12, 9104-9113.	3.7	19
85	The effects of distal ligand substitution on the copper(II)/bis-(2,6-dipyrazol-1-ylpyridine) centreâ€. <i>Dalton Transactions RSC</i> , 2001, , 2083-2088.	2.3	18
86	Synthesis, Xâ€Ray Crystallography, Spectroelectrochemistry and Computational Studies on Potential Copperâ€Based Radiopharmaceuticals. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3549-3560.	1.0	18
87	New molybdenum(v) analogues of Amavadin and their redox properties. <i>Dalton Transactions RSC</i> , 2001, , 3108-3114.	2.3	17
88	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.	1.0	17
89	Modular [Fe ^{III} ₈ M ^{II} ₆] ⁿ⁺ (M ^{II} = Pd, Co, Ni, Cu) Coordination Cages. <i>Inorganic Chemistry</i> , 2018, 57, 3500-3506.	1.9	17
90	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.	6.7	16

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91	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	1.6	16
92	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb ³⁺ DTMA] ³⁺ in Aqueous Solution. <i>Angewandte Chemie</i> , 2015, 127, 10933-10936.	1.6	16
93	Electronic Structure of a Mixed-Metal Fluoride-Centered Triangle Complex: A Potential Qubit Component. <i>Inorganic Chemistry</i> , 2015, 54, 12019-12026.	1.9	16
94	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10290-10294.	7.2	16
95	Sensitivity of Magnetic Anisotropy in the Solid State for Lanthanide Complexes with Small Crystal Field Splitting. <i>Inorganic Chemistry</i> , 2019, 58, 5733-5745.	1.9	15
96	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.	7.2	15
97	Single-crystal parallel-mode EPR spectroscopy of an S=6 ground-state transition-metal cluster. <i>Physical Review B</i> , 2004, 69, .	1.1	14
98	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr ₈ Ni. <i>Physical Review B</i> , 2012, 86, .	1.1	14
99	Periodic trends and hidden dynamics of magnetic properties in three series of triazacyclononane lanthanide complexes. <i>Dalton Transactions</i> , 2019, 48, 8400-8409.	1.6	13
100	Magnetic exchange interactions in symmetric lanthanide dimetallics. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3909-3918.	3.0	12
101	Conformational Flexibility of Hybrid [3]- and [4]-Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 15941-15949.	6.6	12
102	Platinum(II) complexes of mixed-valent radicals derived from cyclotricatechylene, a macrocyclic tris-dioxolene. <i>Chemical Science</i> , 2015, 6, 6935-6948.	3.7	11
103	Cages on a plane: a structural matrix for molecular sheets™. <i>Dalton Transactions</i> , 2018, 47, 15530-15537.	1.6	11
104	Copper(II) complexes of 2,6-bis(3-tert-butylpyrazol-1-yl)pyridine. <i>Dalton Transactions RSC</i> , 2002, , 1625-1630.	2.3	10
105	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.	0.8	10
106	Rare-Earth and Uranium-Mesoionic Carbenes: A New Class of Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie</i> , 2017, 129, 11692-11696.	1.6	9
107	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.	6.6	9
108	Efficient Photocatalytic Reduction of CO ₂ Catalyzed by the Metal-Organic Framework MFM-300(Ga). <i>CCS Chemistry</i> , 2022, 4, 2560-2569.	4.6	9

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109	Synthesis, redox chemistry and EPR spectroscopy of the mixed-sandwich complexes (l-arene)(l-cycloheptatrienyl)metal(z+) (M=Cr or Mo; z=1 or 2): crystal structures of the redox pair [Cr(l-C6H5Me)(l-C7H6C6H4Me-4)]PF6]n (n=1 or 2). Dalton Transactions RSC, 2000, , 4669-4676.		8
110	Heterodimers of heterometallic rings. Dalton Transactions, 2016, 45, 16610-16615.	1.6	8
111	Elucidating the Structural Chemistry of a Hysteretic Iron(II) Spin-Crossover Compound From its Copper(II) and Zinc(II) Congeners. Chemistry - A European Journal, 2020, 26, 4833-4841.	1.7	8
112	Electron paramagnetic resonance studies of the high-spin molecule Cr10(OMe)20(O2CCMe3)10. Applied Physics Letters, 2005, 86, 032507.	1.5	7
113	Low-valent vanadium catecholate clusters. Chemical Science, 2010, 1, 221.	3.7	7
114	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. Angewandte Chemie, 2019, 131, 10396-10400.	1.6	7
115	Dimerized p-Semiquinone Radical Anions Stabilized by a Pair of Rare-Earth Metal Ions. Inorganic Chemistry, 2020, 59, 7371-7375.	1.9	7
116	Inter- versus Intramolecular Structural Manipulation of a Dichromium(II) Pacman Complex through Pressure Variation. Inorganic Chemistry, 2016, 55, 214-220.	1.9	6
117	Ultra-thin g-C ₃ N ₄ /MFM-300(Fe) heterojunctions for photocatalytic aerobic oxidation of benzylic carbon centers. Materials Advances, 2021, 2, 5144-5149.	2.6	6
118	Origin of Impurities Formed in the Polyurethane Production Chain. 1. Conditions for Chlorine Transfer from an Aryl Isocyanide Dichloride Byproduct. Industrial & Engineering Chemistry Research, 2012, 51, 2515-2523.	1.8	5
119	Hybrid Organic-Inorganic Rotaxanes, Including a Hetero-Hybrid [3]Rotaxane Featuring Two Distinct Heterometallic Rings and a Molecular Shuttle. Angewandte Chemie, 2018, 130, 11085-11088.	1.6	4
120	Resolution of Lithium Deposition versus Intercalation of Graphite Anodes in Lithium Ion Batteries: An In Situ Electron Paramagnetic Resonance Study. Angewandte Chemie, 2021, 133, 22031-22038.	1.6	4
121	Tetracyanoquinodimethane complexes of copper and a 17-membered N,O-donor macrocycle. Journal of Coordination Chemistry, 2006, 59, 821-826.	0.8	3
122	A Facile Synthetic Route to a Family of Mn(III) Monomers and Their Structural, Magnetic and Spectroscopic Studies. European Journal of Inorganic Chemistry, 2016, 2016, 5123-5131.	1.0	3
123	Functionalized Tris(anilido)triazacyclononanes as Hexadentate Ligands for the Encapsulation of U(III), U(IV) and La(III) Cations. Inorganics, 2021, 9, 86.	1.2	3
124	Decorating polymer beads with 1014 inorganic-organic [2]rotaxanes as shown by spin counting. Communications Chemistry, 2022, 5, .	2.0	3
125	Single Ion Anisotropy of Cr(III) and Fe(III) in a Series of {Ti7M} Rings. Applied Magnetic Resonance, 2020, 51, 1251-1265.	0.6	2
126	Synthesis and Structural, Magnetic and EPR Characterization of Discrete Finite Antiferromagnetic Chains. Applied Magnetic Resonance, 2010, 37, 685-692.	0.6	1

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127	RECENT DEVELOPMENTS IN EPR SPECTROSCOPY OF MOLECULAR NANOMAGNETS. World Scientific Series in Nanoscience and Nanotechnology, 2011, , 215-240.	0.1	1
128	RECENT SYNTHETIC RESULTS INVOLVING SINGLE MOLECULE MAGNETS. World Scientific Series in Nanoscience and Nanotechnology, 2011, , 59-108.	0.1	1
129	[CrIII8NiII6] ⁿ⁺ Heterometallic Coordination Cubes. Molecules, 2021, 26, 757.	1.7	1
130	Molecular spins clock in. Nature Chemistry, 2022, 14, 361-362.	6.6	1
131	Large Zero-Field Splittings of the Ground Spin State Arising from Antisymmetric Exchange Effects in Heterometallic Triangles (Angew. Chem. 21/2014). Angewandte Chemie, 2014, 126, 5578-5578.	1.6	0
132	Introduction to Molecular Magnetism. From Transition Metals to Lanthanides Von Cristiano Benelli und Dante Gatteschi.. Angewandte Chemie, 2016, 128, 1995-1995.	1.6	0
133	The Origin of Catalytic Benzylic C-H Oxidation over a Redox-Active Metal-Organic Framework. Angewandte Chemie, 2021, 133, 15371-15375.	1.6	0