

Jesper Bendix

List of Publications by Year in Descending Order

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

167
papers

4,847
citations

37
h-index

63
g-index

181
ext. papers

5,385
ext. citations

7.2
avg, IF

5.56
L-index

#	Paper	IF	Citations
167	Electro-mechanically switchable hydrocarbons based on [8]annulenes.. <i>Nature Communications</i> , 2022 , 13, 860	17.4	2
166	Transition Metal Carbide Complexes. <i>Chemical Reviews</i> , 2021 ,	68.1	3
165	Importance of Relativistic Effects for Carbon as an NMR Reporter Nucleus in Carbide-Bridged [RuCPT] Complexes. <i>Organometallics</i> , 2021 , 40, 1443-1453	3.8	3
164	Island formation of Er(trensral) single-ion magnets on graphene observed on the micrometer scale.. <i>RSC Advances</i> , 2021 , 11, 9421-9425	3.7	2
163	Terminal Ligand and Packing Effects on Slow Relaxation in an Isostructural Set of [Dy(H dapp)X] Single Molecule Magnets*. <i>Chemistry - A European Journal</i> , 2021 , 27, 15085-15094	4.8	0
162	A Stable Homoleptic Organometallic Iron(IV) Complex. <i>Chemistry - A European Journal</i> , 2020 , 26, 12728-12732	12.8	8
161	Inelastic neutron scattering study of the anisotropic S=1 spin chain [Ni(HF2)(3[pyridine]4)BF4. <i>Physical Review B</i> , 2020 , 101,	3.3	3
160	Enhancing easy-plane anisotropy in bespoke Ni(II) quantum magnets. <i>Polyhedron</i> , 2020 , 180, 114379	2.7	4
159	Electrophilic Activation of Osmium-Nitrido Corroles: The OsN Triple Bond as a π Acceptor Metallaligand in a Heterobimetallic OsN-Pt Complex. <i>Inorganic Chemistry</i> , 2020 , 59, 5276-5280	5.1	10
158	Formation of zinc oxalate from zinc white in various oil binding media: the influence of atmospheric carbon dioxide by reaction with $^{13}\text{CO}_2$. <i>Heritage Science</i> , 2020 , 8,	2.5	3
157	Importance of Axial Symmetry in Elucidating Lanthanide-Transition Metal Interactions. <i>Inorganic Chemistry</i> , 2020 , 59, 235-243	5.1	6
156	Stability of magnetic LDH composites used for phosphate recovery. <i>Journal of Colloid and Interface Science</i> , 2020 , 580, 660-668	9.3	11
155	Enhancing the Stability of Aromatic PCN Pincer Nickel Complexes by Incorporation of Pyridine as the Nitrogen Side Arm. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 4270-4277	2.3	1
154	Platinum(ii) as an assembly point for carbide and nitride ligands. <i>Chemical Communications</i> , 2019 , 55, 8270-8273	5.8	7
153	The Multiple Faces, and Phases, of Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2019 , 58, 11875-11882	5.1	6
152	An Approach to Carbide-Centered Cluster Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 4812-4819	5.1	11
151	[UF] : A Molecular Hexafluorido Actinide(IV) Complex with Compensating Spin and Orbital Magnetic Moments. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15650-15654	16.4	3

150	[UF6]2[A Molecular Hexafluorido Actinide(IV) Complex with Compensating Spin and Orbital Magnetic Moments. <i>Angewandte Chemie</i> , 2019 , 131, 15797-15801	3.6	
149	R&Ktitelbild: [UF6]2[A Molecular Hexafluorido Actinide(IV) Complex with Compensating Spin and Orbital Magnetic Moments (Angew. Chem. 44/2019). <i>Angewandte Chemie</i> , 2019 , 131, 16084-16084	3.6	
148	Luminescence and reactivity of a charge-transfer excited iron complex with nanosecond lifetime. <i>Science</i> , 2019 , 363, 249-253	33.3	155
147	Chemical tunnel-splitting-engineering in a dysprosium-based molecular nanomagnet. <i>Nature Communications</i> , 2018 , 9, 1292	17.4	53
146	Dual-Function Cobalt-Nickel Nanoparticles Tailored for High-Temperature Induction-Heated Steam Methane Reforming. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10569-10573	16.4	44
145	Field-induced single-molecule magnet behavior in ideal trigonal antiprismatic cobalt(ii) complexes: precise geometrical control by a hydrogen-bonded rigid metalloligand. <i>Chemical Communications</i> , 2018 , 54, 8869-8872	5.8	18
144	Synthesis, Characterization, and Reactivity of PCN Pincer Nickel Complexes. <i>Organometallics</i> , 2018 , 37, 2581-2593	3.8	26
143	Synthons for carbide complex chemistry. <i>Chemical Communications</i> , 2018 , 54, 5708-5711	5.8	22
142	Rational Self-Assembly of Tricobalt Extended Metal Atom Chains and [MF6]2[Building Blocks into One-Dimensional Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 320-325	2.3	8
141	Relativistic DFT Calculations of Hyperfine Coupling Constants in 5d Hexafluorido Complexes: [ReF] and [IrF]. <i>Chemistry - A European Journal</i> , 2018 , 24, 5124-5133	4.8	13
140	Magnetic Anisotropy Switch: Easy Axis to Easy Plane Conversion and Vice Versa. <i>Advanced Functional Materials</i> , 2018 , 28, 1801846	15.6	22
139	Confluence of disparate carbido chemistries: [WRuAu(Ē)Cl(CO)(PCy)(Tp*)]. <i>Dalton Transactions</i> , 2018 , 47, 14893-14896	4.3	28
138	Chiral, Heterometallic LanthanideTransition Metal Complexes by Design. <i>Inorganics</i> , 2018 , 6, 72	2.9	2
137	Descriptors of magnetic anisotropy revisited. <i>Chemical Communications</i> , 2018 , 54, 12163-12166	5.8	5
136	Dual-Function CobaltNickel Nanoparticles Tailored for High-Temperature Induction-Heated Steam Methane Reforming. <i>Angewandte Chemie</i> , 2018 , 130, 10729-10733	3.6	15
135	Characterisation of the rare cadmium chromate pigment in a 19th century tube colour by Raman, FTIR, X-ray and EPR. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 175, 208-214	4.4	18
134	Imposing high-symmetry and tuneable geometry on lanthanide centres with chelating Pt and Pd metalloligands. <i>Chemical Science</i> , 2017 , 8, 3566-3575	9.4	36
133	Lanthanide coordination complexes framed by sodium ions: slow relaxation of the magnetization in the Dy(III) derivative. <i>Dalton Transactions</i> , 2017 , 46, 6024-6030	4.3	19

132	A low-spin Fe(III) complex with 100-ps ligand-to-metal charge transfer photoluminescence. <i>Nature</i> , 2017 , 543, 695-699	50.4	205
131	Single crystal X-ray structure of the artists pigment zinc yellow. <i>Journal of Molecular Structure</i> , 2017 , 1141, 322-327	3.4	5
130	Weakening of Carbide-Platinum Bonds as a Probe for Ligand Donor Strengths. <i>Inorganic Chemistry</i> , 2017 , 56, 12492-12497	5.1	27
129	Electronic Structure of Cobalt-Corrole-Pyridine Complexes: Noninnocent Five-Coordinate Co(II) Corrole-Radical States. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 9589-9598	2.8	27
128	[OsF] ₂ : Molecular Models for Spin-Orbit Entangled Phenomena. <i>Chemistry - A European Journal</i> , 2017 , 23, 11244-11248	4.8	16
127	A study of stearyl alcohol bloom on Dan Hill PVC dolls and the influence of temperature. <i>Studies in Conservation</i> , 2017 , 62, 445-455	0.6	6
126	Ligand Sphere Conversions in Terminal Carbide Complexes. <i>Organometallics</i> , 2016 , 35, 100-105	3.8	18
125	Modification of σ -Donor Properties of Terminal Carbide Ligands Investigated Through Carbide-Iodine Adduct Formation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12484-7	16.4	9
124	Modification of σ -Donor Properties of Terminal Carbide Ligands Investigated Through Carbide-Iodine Adduct Formation. <i>Angewandte Chemie</i> , 2016 , 128, 12672-12675	3.6	
123	Control of the third dimension in copper-based square-lattice antiferromagnets. <i>Physical Review B</i> , 2016 , 93,	3.3	12
122	Effective cleaning of copper stained calcareous stone. <i>Heritage Science</i> , 2016 , 4,	2.5	3
121	Delocalization and Valence Tautomerism in Vanadium Tris(iminosemiquinone) Complexes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2748-52	16.4	41
120	Effective cleaning of rust stained marble. <i>Heritage Science</i> , 2016 , 4,	2.5	9
119	Probing Effective Hamiltonian Operators by Single-Crystal EPR: A Case Study Using Dinuclear Cr(III) Complexes. <i>Inorganic Chemistry</i> , 2016 , 55, 1453-60	5.1	10
118	Out-of-Plane Alignment of Er(trensal) Easy Magnetization Axes Using Graphene. <i>ACS Nano</i> , 2016 , 10, 2887-92	16.7	22
117	Antiferromagnetism in a Family of $S = 1$ Square Lattice Coordination Polymers NiX ₂ (pyz) ₂ (X = Cl, Br, I, NCS; pyz = Pyrazine). <i>Inorganic Chemistry</i> , 2016 , 55, 3515-29	5.1	15
116	Delocalization and Valence Tautomerism in Vanadium Tris(iminosemiquinone) Complexes. <i>Angewandte Chemie</i> , 2016 , 128, 2798-2802	3.6	6
115	Iridates from the molecular side. <i>Nature Communications</i> , 2016 , 7, 12195	17.4	33

114	Delivering carbide ligands to sulfide-rich clusters. <i>Chemical Communications</i> , 2016 , 52, 2015-8	5.8	29
113	Toward Molecular 4f Single-Ion Magnet Qubits. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5801-4	6.4	156
112	In-Depth Magnetic Characterization of a [2 D] Mn(III) Square Grid Using SQUID Magnetometry, Inelastic Neutron Scattering, and High-Field Electron Paramagnetic Resonance Spectroscopy. <i>Inorganic Chemistry</i> , 2016 , 55, 10377-10382	5.1	9
111	Multifaceted magnetization dynamics in the mononuclear complex [ReCl(CN)]. <i>Chemical Communications</i> , 2016 , 52, 12905-12908	5.8	24
110	Bimetallic MOFs (HO)[Cu(MF)(pyrazine)] _{4-x} HO (M = V, x = 0; M = Ga, x = 1): co-existence of ordered and disordered quantum spins in the V system. <i>Chemical Communications</i> , 2016 , 52, 12653-12656	5.8	5
109	Outer sphere coordination chemistry: Unusual six-coordinate silver(I) complexes with tri-halideiridium(III) complexes as ligands. <i>Inorganic Chemistry Communication</i> , 2015 , 60, 61-64	3.1	3
108	Carbide complexes as acceptor ligands. <i>Chemical Science</i> , 2015 , 6, 5815-5823	9.4	34
107	Design of Single-Molecule Magnets: Insufficiency of the Anisotropy Barrier as the Sole Criterion. <i>Inorganic Chemistry</i> , 2015 , 54, 7600-6	5.1	158
106	Fluoride-coordination chemistry in molecular and low-dimensional magnetism. <i>Coordination Chemistry Reviews</i> , 2015 , 299, 1-21	23.2	43
105	Coordination-induced spin-state change in manganese(V) complexes: the electronic structure of manganese(V) nitrides. <i>Inorganic Chemistry</i> , 2015 , 54, 3562-72	5.1	16
104	Experimental Aspects of Lanthanide Single-Molecule Magnet Physics 2015 , 125-152		3
103	Stereoretentive formylation of (S)-proline: new application of the self-regeneration of stereo-centres (SRS) principle via chelation to cobalt(III). <i>Dalton Transactions</i> , 2015 , 44, 18438-46	4.3	1
102	One-dimensional coordination polymers of [Co ₃ (dpa) ₄](2+) and [MF ₆](2-) (M = Re(IV), Zr(IV) and Sn(IV)). <i>Chemical Communications</i> , 2015 , 51, 17748-51	5.8	8
101	Zero-Field Splitting in {MnIII ₃ (β-O)} Core Single-Molecule Magnets Investigated by Inelastic Neutron Scattering and High-Field Electron Paramagnetic Resonance Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2683-2689	2.3	8
100	Stabilizing coordinated radicals via metal-ligand covalency: a structural, spectroscopic, and theoretical investigation of group 9 tris(dithiolene) complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 3660-9	5.1	12
99	Single-molecule magnet engineering: building-block approaches. <i>Chemical Communications</i> , 2014 , 50, 4396-415	5.8	237
98	Magnetic interactions through fluoride: magnetic and spectroscopic characterization of discrete, linearly bridged [Mn(III) ₂ (F) ₄ (Me ₃ tacn) ₂](PF ₆). <i>Inorganic Chemistry</i> , 2014 , 53, 5013-9	5.1	14
97	Platinum corroles. <i>Chemical Communications</i> , 2014 , 50, 11093-6	5.8	53

96	Oxo-bridged dinuclear chromium(III) complexes: correlation between the optical and magnetic properties and the basicity of the oxo bridge. <i>Inorganic Chemistry</i> , 2014 , 53, 2996-3003	5.1	15
95	Modifying the properties of 4f single-ion magnets by peripheral ligand functionalisation. <i>Chemical Science</i> , 2014 , 5, 1650-1660	9.4	144
94	A versatile dinucleating ligand containing sulfonamide groups. <i>Inorganic Chemistry</i> , 2014 , 53, 2873-82	5.1	9
93	Magnetic properties of ultra-small goethite nanoparticles. <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 365003	3	27
92	Exchange interaction of strongly anisotropic tripodal erbium single-ion magnets with metallic surfaces. <i>ACS Nano</i> , 2014 , 8, 4662-71	16.7	32
91	β-Selective mannosylation with a 4,6-silylene-tethered thiomannosyl donor. <i>Organic Letters</i> , 2014 , 16, 1116-9	6.2	59
90	Valence-to-core-detected X-ray absorption spectroscopy: targeting ligand selectivity. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10076-84	16.4	31
89	[ReF ₆] ²⁻ A Robust Module for the Design of Molecule-Based Magnetic Materials. <i>Angewandte Chemie</i> , 2014 , 126, 1375-1378	3.6	19
88	Fluoride-Bridged {Gd ^{III} 3M ^{III} 2} (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants. <i>Angewandte Chemie</i> , 2014 , 126, 2426-2429	3.6	13
87	Fluoride-bridged {Gd(III)3M(III)2} (M = Cr, Fe, Ga) molecular magnetic refrigerants. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2394-7	16.4	76
86	Mixed valence radical cations and intermolecular complexes derived from indenofluorene-extended tetrathiafulvalenes. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10428-10438	7.1	36
85	Synthesis, Characterisation and Modelling of a Ferromagnetically Coupled Chromium(III) Dimer: Di-μ-hydroxobis[tetrakis(isothiocyanato)chromate(III)]. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 5990-5996	2.3	13
84	[ReF ₆] ⁽²⁻⁾ : a robust module for the design of molecule-based magnetic materials. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1351-4	16.4	91
83	XMCD study of the magnetic exchange coupling in a fluoride-bridged Dy-Cr molecular cluster. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1368-1371	0.6	5
82	Highly stereoselective, cobalt(III)-directed Mannich additions in water yielding β-methylamino acid products. <i>Dalton Transactions</i> , 2013 , 42, 292-8	4.3	1
81	Angular dependence of the exchange interaction in fluoride-bridged Gd(III)-Cr(III) complexes. <i>Chemical Communications</i> , 2013 , 49, 5583-5	5.8	29
80	High-valent isocyanide complexes. Coexistence of strong σ-donor and formal π-acceptor ligands in chromium(V) nitride complexes. <i>Journal of Molecular Structure</i> , 2013 , 1039, 107-112	3.4	2
79	Quantifying magnetic exchange in doubly-bridged Cu-X(2)-Cu (X = F, Cl, Br) chains enabled by solid state synthesis of CuF(2)(pyrazine). <i>Chemical Communications</i> , 2013 , 49, 3558-60	5.8	11

78	Magnetic interactions in oxide-bridged dichromium(III) complexes. Computational determination of the importance of non-bridging ligands. <i>Inorganica Chimica Acta</i> , 2013 , 396, 72-77	2.7	9
77	Three-axis anisotropic exchange coupling in the single-molecule magnets $\text{NEt}_4[\text{Mn}(\text{III})_2(5\text{-Brsalen})_2(\text{MeOH})_2\text{M}(\text{III})(\text{CN})_6]$ (M=Ru, Os). <i>Chemistry - A European Journal</i> , 2013 , 19, 3693-701	4.8	60
76	Direct observation of a ferri-to-ferromagnetic transition in a fluoride-bridged 3d ⁴ f molecular cluster. <i>Chemical Science</i> , 2012 , 3, 1024-1032	9.4	70
75	Mn(III) zero-field splitting parameters and weak exchange interactions in a cyanide-bridged $\{\text{Mn}(\text{III})_4\text{Mn}(\text{III})\}$ cluster. <i>Inorganic Chemistry Communication</i> , 2012 , 24, 24-28	3.1	6
74	Fluoride-bridged $\{\text{Ln}_2\text{Cr}_2\}$ polynuclear complexes from semi-labile mer-[CrF ₃ (py) ₃] and [Ln(hfac) ₃ (H ₂ O) ₂]. <i>Dalton Transactions</i> , 2012 , 41, 11284-92	4.3	41
73	An oxide-bridged DyBeVDy single-molecule magnet. <i>Polyhedron</i> , 2012 , 46, 47-52	2.7	5
72	Fluoride bridges as structure-directing motifs in 3d-4f cluster chemistry. <i>Inorganic Chemistry</i> , 2012 , 51, 5435-43	5.1	83
71	X-ray magnetic circular dichroism (XMCD) study of a methoxide-bridged Dy(III)-Cr(III) cluster obtained by fluoride abstraction from cis-[Cr(III)F ₂ (phen) ₂](+). <i>Journal of Physical Chemistry A</i> , 2012 , 116, 7842-7	2.8	23
70	[Ni(HF ₂)(3-Clpy) ₄]BF ₄ (py = pyridine): evidence for spin exchange along strongly distorted F—H—F-bridges in a one-dimensional polymeric chain. <i>Inorganic Chemistry</i> , 2012 , 51, 7520-8	5.1	18
69	Influence of HF ₂ - geometry on magnetic interactions elucidated from polymorphs of the metal-organic framework [Ni(HF ₂)(pyz) ₂]PF ₆ (pyz = pyrazine). <i>Dalton Transactions</i> , 2012 , 41, 7235-43	4.3	15
68	Synthesis and characterization of a neutral titanium tris(iminosemiquinone) complex featuring redox-active ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 7457-9	5.1	31
67	Magnetic properties of a manganese(III) Chain with monoatomic bridges: catena-MnF(salen). <i>Inorganic Chemistry</i> , 2011 , 50, 5312-4	5.1	26
66	Structural, electronic, and magnetic properties of quasi-1D quantum magnets [Ni(HF ₂)(pyz) ₂]X (pyz = pyrazine; X = PF ₆ (-), SbF ₆ (-)) exhibiting Ni-FHF-Ni and Ni-pyz-Ni spin interactions. <i>Inorganic Chemistry</i> , 2011 , 50, 5990-6009	5.1	26
65	A linear single-molecule magnet based on [Ru(III)(CN) ₆] ³⁻ . <i>Chemical Communications</i> , 2011 , 47, 6918-20	5.8	47
64	Heterobimetallic Nitride Complexes from Terminal Chromium(V) Nitride Complexes: Hyperfine Coupling Increases with Distance. <i>Angewandte Chemie</i> , 2011 , 123, 4572-4575	3.6	2
63	Heterobimetallic nitride complexes from terminal chromium(V) nitride complexes: hyperfine coupling increases with distance. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4480-3	16.4	19
62	Frequency-domain Fourier-transform terahertz spectroscopy of the single-molecule magnet (NEt ₄)[Mn ₂ (5-Brsalen) ₂ (MeOH) ₂ Cr(CN) ₆]. <i>Chemistry - A European Journal</i> , 2011 , 17, 7492-8	4.8	46
61	Electronic and molecular structure of [Cr(N)(NCO) ₄] ₂ the first example of a mixed nitride/cyanate complex. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 251-253	3.1	5

60	[Cr(N)(acac) ₂]: A simple chromium nitride complex and its reactivity towards late transition metals. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 719-721	3.1	16
59	Synthesis and X-ray crystal structure of a novel organometallic (β-oxido)(β-imido) trinuclear iridium complex. <i>Dalton Transactions</i> , 2011 , 40, 4212-6	4.3	7
58	Metalloporphyrin dendrimers: sensitive porphyrin-chromium(V)-nitride spin probes for studying the solution structure of dendrimers. <i>Inorganic Chemistry</i> , 2011 , 50, 5867-9	5.1	8
57	Bis(tetraphenylphosphonium) tetra-cyanido-nitridochromate(V) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m227-8		
56	cyclo-Tetra- μ -Fluorido-1:2 μ :2:3 μ :3:4 μ :1:4 μ -octa-nitrato-1 μ , μ , μ , μ -tetra-kis-(1,10-phenanthroline)-2 μ , μ , μ , μ -4-dichromate methanol tetra-solvate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1561-2		5
55	Electrical manipulation of spin states in a single electrostatically gated transition-metal complex. <i>Nano Letters</i> , 2010 , 10, 105-10	11.5	145
54	Pressure-dependent luminescence spectroscopy of molybdenum(IV) oxo complexes. <i>Dalton Transactions</i> , 2010 , 39, 3695-705	4.3	11
53	Frozen-solution magnetisation dynamics of hexanuclear oxime-based MnIII Single-Molecule Magnets. <i>Chemical Science</i> , 2010 , 1, 631	9.4	15
52	Computationally inexpensive interpretation of magnetic data for finite spin clusters. <i>Dalton Transactions</i> , 2010 , 39, 4882-5	4.3	9
51	Enhancing the blocking temperature in single-molecule magnets by incorporating 3d-5d exchange interactions. <i>Chemistry - A European Journal</i> , 2010 , 16, 13458-64	4.8	74
50	Alkali metal cation complexation and solvent interactions by robust chromium(III) fluoride complexes. <i>Journal of Fluorine Chemistry</i> , 2010 , 131, 898-906	2.1	22
49	Fitting of EPR spectra: the importance of a flexible bandwidth. <i>Journal of Magnetic Resonance</i> , 2010 , 207, 283-6	3	8
48	Synthesis and molecular structure of Cr(salen)(μ -N)RhCl(COD): the first example of a heterobimetallic nitride-bridged complex containing chromium. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m177-9		2
47	Diastereoisomeric μ -ethyl aspartate-cobalt(III) complexes: (+)-578- and (-)-578-bis(ethane-1,2-diamine)[μ -ethyl (S)-aspartato]cobalt(III) bis(perchlorate) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m319-22		2
46	cis-Aqua-bis(2,2'-bipyridine- μ , μ)-fluoridochromium(III) bis-(perchlorate) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m121-2		5
45	Bis[S-6-(2,2'-bipyridin-4-yl)oxy]hexyl thioacetate]manganese(II) bis(hexafluorophosphate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, m14-6		0
44	Partial charges as reactivity descriptors for nitrido complexes. <i>Computational and Theoretical Chemistry</i> , 2009 , 913, 1-7		11
43	Kohn-Sham DFT results projected on ligand-field models: Using DFT to supplement ligand-field descriptions and to supply ligand-field parameters. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 575-593	23.2	23

42	Magnetic Anisotropy in the [CuII(LTbIII(hfac)2)2] Single Molecule Magnet: Experimental Study and Theoretical Modeling. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8573-8582	3.8	32
41	Bridging Kohn - Sham DFT and the Angular Overlap Model. Ligand-Field Parameters and Bond Covalencies in Tetrahedral Complexes. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1271	1.2	3
40	Kohn-Sham DFT and ligand-field theory [Is there a synergy?]. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 1302-1312	0.9	4
39	Single-ion anisotropy and exchange interactions in the cyano-bridged trimers MnIII2MII(CN)6 (MIII = Co, Cr, Fe) species incorporating [Mn(5-Brsalen)]+ units: an inelastic neutron scattering and magnetic susceptibility study. <i>Inorganic Chemistry</i> , 2009 , 48, 128-37	5.1	47
38	A ligand-field study of the ground spin-state magnetic anisotropy in a family of hexanuclear Mn(III) single-molecule magnets. <i>Dalton Transactions</i> , 2008 , 2277-84	4.3	28
37	Separation and identification of the selenium-sulfur amino acid S-(methylseleno)cysteine in intestinal epithelial cell homogenates by LC-ICP-MS and LC-ESI-MS after incubation with methylseleninic acid. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 727	3.7	19
36	On the analysis of magnetization and Mössbauer data for ferritin. <i>Nanotechnology</i> , 2008 , 19, 315712	3.4	17
35	Superhyperfine Interaction in [MnF6]3-. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 148-50	16.4	12
34	cis-Difluoridobis(1,10-phenanthroline)chromium(III) perchlorate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m369-70		8
33	Polarized X-ray absorption spectroscopy of single-crystal Mn(V) complexes relevant to the oxygen-evolving complex of photosystem II. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12989-3000	16.4	48
32	Pentaaquaovanadium(IV) bis(trifluoromethanesulfonate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, m51-3		4
31	Molecular and electronic structure of chromium(V) nitrido complexes with azide and isothiocyanate ligands. <i>Dalton Transactions</i> , 2005 , 2737-41	4.3	15
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