

Grigore A Timco

List of Publications by Year in descending order

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146
papers

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159
all docs

159
docs citations

159
times ranked

4192
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#	ARTICLE	IF	CITATIONS
1	Tuning the Performance of Negative Tone Electron Beam Resists for the Next Generation Lithography. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	12
2	Sensitivity enhancement of a high-resolution negative-tone nonchemically amplified metal organic photoresist for extreme ultraviolet lithography. <i>Journal of Micro-nanopatterning, Materials, and Metrology</i> , 2022, 21, .	0.4	0
3	Decorating polymer beads with 1014 inorganic-organic [2]rotaxanes as shown by spin counting. <i>Communications Chemistry</i> , 2022, 5, .	2.0	3
4	New Homometallic Octanuclear Chromium(III) Rings. <i>Chemistry Journal of Moldova</i> , 2022, 17, 9-17.	0.3	0
5	Nanoscale Patterning of Zinc Oxide from Zinc Acetate Using Electron Beam Lithography for the Preparation of Hard Lithographic Masks. <i>ACS Applied Nano Materials</i> , 2021, 4, 406-413.	2.4	14
6	Gold($\langle \text{sc} \rangle$) bridged dimeric and trimeric heterometallic $\{\text{Cr}_{7}\text{Ni}\}$ -based qubit systems and their characterization. <i>Dalton Transactions</i> , 2021, 50, 4390-4395.	1.6	2
7	Targeting molecular quantum memory with embedded error correction. <i>Chemical Science</i> , 2021, 12, 9104-9113.	3.7	19
8	The Synthesis and Characterisation of a Molecular Seaâ€Serpent: Studies of a $\{\text{Cr}_{24}\text{Cu}_{7}\}$ Chain. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9489-9492.	7.2	2
9	The Synthesis and Characterisation of a Molecular Seaâ€Serpent: Studies of a $\{\text{Cr}_{24}\text{Cu}_{7}\}$ Chain. <i>Angewandte Chemie</i> , 2021, 133, 9575-9578.	1.6	1
10	Single Isomer Heterometallic $\{\text{Cr}^{\text{III}}_{6}\text{M}^{\text{II}}_{2}\}$ Rings Templated by Tetramethylammonium. <i>Inorganic Chemistry</i> , 2021, 60, 15675-15685.	1.9	2
11	Heterometallic $3d\text{-}4f$ Complexes as Air-Stable Molecular Precursors in Low Temperature Syntheses of Stoichiometric Rare-Earth Orthoferrite Powders. <i>Inorganic Chemistry</i> , 2020, 59, 15796-15806.	1.9	7
12	Single Ion Anisotropy of CrIII and FeIII in a Series of $\{\text{Ti}_{7}\text{M}\}$ Rings. <i>Applied Magnetic Resonance</i> , 2020, 51, 1251-1265.	0.6	2
13	Conformational Flexibility of Hybrid [3]- and [4]-Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 15941-15949.	6.6	12
14	Reversible uptake of sulfur-containing gases by single crystals of a Cr ₈ metallocrown. <i>Dalton Transactions</i> , 2019, 48, 13184-13189.	1.6	3
15	Plasma-Etched Pattern Transfer of Sub-10 nm Structures Using a Metalâ€Organic Resist and Helium Ion Beam Lithography. <i>Nano Letters</i> , 2019, 19, 6043-6048.	4.5	49
16	Close Encounters of the Weak Kind: Investigations of Electronâ€Electron Interactions between Dissimilar Spins in Hybrid Rotaxanes. <i>Journal of the American Chemical Society</i> , 2019, 141, 14633-14642.	6.6	9
17	A [13]rotaxane assembled via a palladium molecular capsule. <i>Nature Communications</i> , 2019, 10, 3720.	5.8	19
18	A Clock Transition in the Cr ₇ Mn Molecular Nanomagnet. <i>Magnetochemistry</i> , 2019, 5, 4.	1.0	12

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19	Electric Field Control of Spins in Molecular Magnets. <i>Physical Review Letters</i> , 2019, 122, 037202.	2.9	64
20	Formation of an interlocked double-chain from an organic–inorganic [2]rotaxane. <i>Chemical Communications</i> , 2019, 55, 2960-2963.	2.2	6
21	Anisotropy of Co ^{II} transferred to the Cr ⁷ Co polymetallic cluster <i>via</i> strong exchange interactions. <i>Chemical Science</i> , 2018, 9, 3555-3562.	3.7	20
22	Chromium chains as polydentate fluoride ligands for actinides and group IV metals. <i>Dalton Transactions</i> , 2018, 47, 6361-6369.	1.6	2
23	How to probe the spin contribution to momentum relaxation in topological insulators. <i>Nature Communications</i> , 2018, 9, 56.	5.8	5
24	The synthesis of a monodisperse quaternary ferrite (FeCoCrO ₄) from the hot injection thermolysis of the single source precursor [CrCoFeO(O ₂ C _t Bu) ₆ (HO ₂ C _t Bu) ₃]. <i>Dalton Transactions</i> , 2018, 47, 376-381.	1.6	10
25	Binding of halogens by a Cr ₈ metallacrown. <i>Dalton Transactions</i> , 2018, 47, 13771-13775.	1.6	7
26	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.	1.6	4
27	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.	7.2	21
28	Design and implementation of the next generation electron beam resists for the production of EUVL photomasks. , 2018, , .		6
29	Measuring Spin–Spin Interactions between Heterospins in a Hybrid [2]Rotaxane. <i>Angewandte Chemie</i> , 2017, 129, 3934-3937.	1.6	7
30	Measuring Spin–Spin Interactions between Heterospins in a Hybrid [2]Rotaxane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3876-3879.	7.2	26
31	Binding CO ₂ by a Cr ₈ Metallacrown. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5527-5530.	7.2	18
32	Use of Supramolecular Assemblies as Lithographic Resists. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6749-6752.	7.2	16
33	Use of Supramolecular Assemblies as Lithographic Resists. <i>Angewandte Chemie</i> , 2017, 129, 6853-6856.	1.6	7
34	Binding CO ₂ by a Cr ₈ Metallacrown. <i>Angewandte Chemie</i> , 2017, 129, 5619-5622.	1.6	4
35	An Extensive Family of Heterometallic Titanium(IV)–Metal(III) Rings with Structure Control through Templates. <i>Angewandte Chemie</i> , 2017, 129, 13817-13820.	1.6	5
36	An Extensive Family of Heterometallic Titanium(IV)–Metal(III) Rings with Structure Control through Templates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13629-13632.	7.2	25

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37	[CrF(O ₂ C ^{it} Bu) ₂] ₉ : Synthesis and Characterization of a Regular Homometallic Ring with an Odd Number of Metal Centers and Electrons. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8856-8859.	7.2	26
38	[CrF(O ₂ C ^{it} Bu) ₂] ₉ : Synthesis and Characterization of a Regular Homometallic Ring with an Odd Number of Metal Centers and Electrons. <i>Angewandte Chemie</i> , 2016, 128, 9002-9005.	1.6	10
39	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016, 7, 11377.	5.8	196
40	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
41	Heterodimers of heterometallic rings. <i>Dalton Transactions</i> , 2016, 45, 16610-16615.	1.6	8
42	Making hybrid [n]-rotaxanes as supramolecular arrays of molecular electron spin qubits. <i>Nature Communications</i> , 2016, 7, 10240.	5.8	91
43	Synthesis and reactions of N-heterocycle functionalised variants of heterometallic {Cr ₇ Ni} rings. <i>Dalton Transactions</i> , 2016, 45, 1638-1647.	1.6	8
44	Low temperature magnetic properties and spin dynamics in single crystals of Cr ₈ Zn antiferromagnetic molecular rings. <i>Journal of Chemical Physics</i> , 2015, 143, 244321.	1.2	23
45	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015, 1, .	2.8	101
46	Engineering in Hybrid Rotaxanes To Create 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
47	Heterometallic Rings: Their Physics and use as Supramolecular Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14244-14269.	7.2	114
48	Controlled Synthesis of Nanoscopic Metal Cages. <i>Journal of the American Chemical Society</i> , 2015, 137, 7644-7647.	6.6	41
49	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
50	Coherent Spin Dynamics in Molecular Cr ₈ Zn Wheels. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 5062-5066.	2.1	23
51	Comparison of spin dynamics and magnetic properties in antiferromagnetic closed and open molecular Cr-based rings. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 506001.	0.7	4
52	An extended framework of cages formed of pre-synthesised and functionalised heterometallic cages. <i>Chemical Communications</i> , 2015, 51, 3533-3536.	2.2	4
53	Effects of the Dzyaloshinskii-Moriya interaction in Cr ₃ triangular spin clusters detected by specific heat and multi-frequency electron spin resonance. <i>Dalton Transactions</i> , 2015, 44, 14027-14033.	1.6	10
54	A hybrid organic-inorganic molecular daisy chain. <i>Chemical Communications</i> , 2015, 51, 11126-11129.	2.2	18

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55	Microstrip Resonators and Broadband Lines for X-band EPR Spectroscopy of Molecular Nanomagnets. Applied Magnetic Resonance, 2015, 46, 749-756.	0.6	14
56	High temperature spin dynamics in linear magnetic chains, molecular rings, and segments by nuclear magnetic resonance. Journal of Applied Physics, 2015, 117, 17B308.	1.1	4
57	Binary behaviour of an oxidation-responsive MRI nano contrast agent. Chemical Communications, 2015, 51, 1074-1076.	2.2	5
58	Metal distribution and disorder in the crystal structure of $[\text{NH}_2\text{Et}_2][\text{Cr}_7\text{M}_8\text{F}_8(\text{BuCO}_2)_{16}]$ wheel molecules for $\text{M} = \text{Mn, Fe, Co, Ni, Cu, Zn}$ and Cd . Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 932-941.	0.5	8
59	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
60	Quantum spin coherence in halogen-modified Cr_7Ni molecular nanomagnets. Physical Review B, 2014, 90, .	1.1	29
61	A One-Pot Synthesis of Monodispersed Iron Cobalt Oxide and Iron Manganese Oxide Nanoparticles from Bimetallic Pivalate Clusters. Chemistry of Materials, 2014, 26, 999-1013.	3.2	50
62	Coherent electron spin manipulation in a dilute oriented ensemble of molecular nanomagnets: pulsed EPR on doped single crystals. Chemical Communications, 2014, 50, 91-93.	2.2	46
63	The acid test: the chemistry of carboxylic acid functionalised $\{\text{Cr}_7\text{Ni}\}$ rings. Chemical Science, 2014, 5, 235-239.	3.7	26
64	Hot injection thermolysis of heterometallic pivalate clusters for the synthesis of monodisperse zinc and nickel ferrite nanoparticles. Journal of Materials Chemistry C, 2014, 2, 6781-6789.	2.7	14
65	On the Possibility of Magneto-Structural Correlations: Detailed Studies of Dinickel Carboxylate Complexes. Inorganic Chemistry, 2014, 53, 8464-8472.	1.9	32
66	A direct synthesis of water soluble monodisperse cobalt and manganese ferrite nanoparticles from iron based pivalate clusters by the hot injection thermolysis method. Materials Science in Semiconductor Processing, 2014, 27, 303-308.	1.9	21
67	A Detailed Study of the Magnetism of Chiral $\{\text{Cr}_7\text{M}\}$ Rings: An Investigation into Parametrization and Transferability of Parameters. Journal of the American Chemical Society, 2014, 136, 9763-9772.	6.6	26
68	Molecular nanomagnets with switchable coupling for quantum simulation. Scientific Reports, 2014, 4, 7423.	1.6	58
69	A Ring of Rings and Other Multicomponent Assemblies of Cages. Angewandte Chemie - International Edition, 2013, 52, 9932-9935.	7.2	66
70	Physical studies of heterometallic rings: an ideal system for studying magnetically-coupled systems. Chemical Society Reviews, 2013, 42, 1796-1806.	18.7	73
71	Studies of hybrid organic-inorganic [2] and [3]rotaxanes bound to Au surfaces. Chemical Communications, 2013, 49, 3404.	2.2	12
72	Synthesis of monodispersed magnetite nanoparticles from iron pivalate clusters. Dalton Transactions, 2013, 42, 196-206.	1.6	27

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73	Pressure versus Temperature Effects on Intramolecular Electron Transfer in Mixed-Valence Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 195-205.	1.7	13
74	Rings and threads as linkers in metal-organic frameworks and poly-rotaxanes. <i>Chemical Communications</i> , 2013, 49, 7195.	2.2	36
75	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr ₈ Ni. <i>Physical Review B</i> , 2012, 86, .	1.1	14
76	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
77	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
78	Controlling magnetic communication through aromatic bridges by variation in torsion angle. <i>Dalton Transactions</i> , 2012, 41, 13626.	1.6	18
79	Magnetic Anisotropy of Cr ₇ Ni Spin Clusters on Surfaces. <i>Advanced Functional Materials</i> , 2012, 22, 3706-3713.	7.8	28
80	Oxo-centered carboxylate-bridged trinuclear complexes deposited on Au(111) by a mass-selective electrospray. <i>New Journal of Chemistry</i> , 2011, 35, 1683.	1.4	12
81	Modification of the magnetic properties of a heterometallic wheel by inclusion of a Jahn-Teller distorted Cu(II) ion. <i>Dalton Transactions</i> , 2011, 40, 8533.	1.6	12
82	Varying spin state composition by the choice of capping ligand in a family of molecular chains: detailed analysis of magnetic properties of chromium(III) horseshoes. <i>Dalton Transactions</i> , 2011, 40, 2725.	1.6	18
83	Linking heterometallic rings for quantum information processing and amusement. <i>Chemical Society Reviews</i> , 2011, 40, 3067.	18.7	197
84	Self-Assembled Monolayer of Cr ₇ Ni Molecular Nanomagnets by Sublimation. <i>ACS Nano</i> , 2011, 5, 7090-7099.	7.3	42
85	Chromium chains as polydentate fluoride ligands for lanthanides. <i>Chemical Communications</i> , 2011, 47, 6251.	2.2	57
86	A Spectroscopic Investigation of Magnetic Exchange Between Highly Anisotropic Spin Centers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4007-4011.	7.2	33
87	Chemical Control of Spin Propagation between Heterometallic Rings. <i>Chemistry - A European Journal</i> , 2011, 17, 14020-14030.	1.7	27
88	Synthesis and Structural, Magnetic and EPR Characterization of Discrete Finite Antiferromagnetic Chains. <i>Applied Magnetic Resonance</i> , 2010, 37, 685-692.	0.6	1
89	Deposition of Functionalized Cr ₇ Ni Molecular Rings on Graphite from the Liquid Phase. <i>Advanced Functional Materials</i> , 2010, 20, 1552-1560.	7.8	31
90	Synthesis, Structure, and Dynamic Properties of Hybrid Organic-Inorganic Rotaxanes. <i>Journal of the American Chemical Society</i> , 2010, 132, 15435-15444.	6.6	56

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91	Caesium ion sequestration by a fluoro-metallocrown [16]-MC-8. <i>Chemical Communications</i> , 2010, 46, 6258.	2.2	19
92	Grafting molecular Cr ₇ Ni rings on a gold surface. <i>Dalton Transactions</i> , 2010, 39, 4928.	1.6	28
93	Radio-frequency spectroscopy of the low-energy spectrum of the magnetic molecule Cr_{12} . <i>Physical Review B</i> , 2009, 80, .	1.1	15
94	Functional Chromium Wheel-Based Hybrid Organic-Inorganic Materials for Dielectric Applications. <i>Advanced Functional Materials</i> , 2009, 19, 3226-3236.	7.8	19
95	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
96	Linkage Isomerism and Spin Frustration in Heterometallic Rings: Synthesis, Structural Characterization, and Magnetic and EPR Spectroscopic Studies of Cr ₇ Ni, Cr ₆ Ni ₂ , and Cr ₇ Ni ₂ Rings Templated About Imidazolium Cations. <i>Chemistry - A European Journal</i> , 2009, 15, 13150-13160.	1.7	19
97	Hybrid organic-inorganic rotaxanes and molecular shuttles. <i>Nature</i> , 2009, 458, 314-318.	13.7	256
98	Engineering the coupling between molecular spin qubits by coordination chemistry. <i>Nature Nanotechnology</i> , 2009, 4, 173-178.	15.6	374
99	High-field magnetic properties of the magnetic molecule {Cr ₁₀ Cu ₂ }. <i>Physical Review B</i> , 2009, 79, .	1.1	13
100	Proton NMR Study of Cr-Co Heterometallic Wheel Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 9811-9818.	1.9	20
101	Experimental charge density in an oxidized trinuclear iron complex using 15 K synchrotron and 100 K conventional single-crystal X-ray diffraction. <i>Dalton Transactions</i> , 2009, , 664-671.	1.6	10
102	Studies of Finite Molecular Chains: Synthesis, Structural, Magnetic and Inelastic Neutron Scattering Studies of Hexa- and Heptanuclear Chromium Horseshoes. <i>Chemistry - A European Journal</i> , 2008, 14, 5144-5158.	1.7	38
103	Octa-, Deca-, Trideca-, and Tetradecanuclear Heterometallic Cyclic Chromium-Copper Cages. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 924-927.	7.2	54
104	Heterometallic Rings Made From Chromium Stick Together Easily. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9681-9684.	7.2	64
105	Chemistry and supramolecular chemistry of chromium horseshoes. <i>Chemical Communications</i> , 2008, , 1560.	2.2	22
106	Topological effects on the magnetic properties of closed and open ring-shaped Cr-based antiferromagnetic nanomagnets. <i>Physical Review B</i> , 2008, 78, .	1.1	19
107	Tetrakis(1/4-pivalato-2-oxo)bis[(2-methylpyridine-N)iron(II)](Fe-Fe). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m497-m497.	0.2	5
108	Importance of the Anisotropic Exchange Interaction for the Magnetic Anisotropy of Polymetallic Systems. <i>Journal of the American Chemical Society</i> , 2007, 129, 760-761.	6.6	62

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109	Will Spin-Relaxation Times in Molecular Magnets Permit Quantum Information Processing?. <i>Physical Review Letters</i> , 2007, 98, 057201.	2.9	672
110	A ring cycle: studies of heterometallic wheels. <i>Chemical Communications</i> , 2007, , 1789.	2.2	131
111	Isolated Heterometallic Cr ₇ Ni Rings Grafted on Au(111) Surface. <i>Inorganic Chemistry</i> , 2007, 46, 4937-4943.	1.9	36
112	Molecular routes for spin cluster qubits. <i>Dalton Transactions</i> , 2006, , 2810.	1.6	66
113	A Family of Ferro- and Antiferromagnetically Coupled Decametalllic Chromium(III) Wheels. <i>Chemistry - A European Journal</i> , 2006, 12, 1385-1396.	1.7	55
114	Synthesis and Characterization of Mixed-Valent Manganese Phosphonate Cage Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 8777-8785.	1.7	104
115	Studies of an Fe ₉ Tridiminished Icosahedron. <i>Chemistry - A European Journal</i> , 2006, 12, 8961-8968.	1.7	59
116	Studies of a Molecular Hourglass: Synthesis and Magnetic Characterisation of a Cyclic Dodecanuclear {Cr ₁₀ Cu ₂ } Complex. <i>Chemistry - A European Journal</i> , 2006, 12, 8267-8275.	1.7	20
117	AF molecular rings for quantum computation. <i>Polyhedron</i> , 2005, 24, 2562-2567.	1.0	8
118	Studies of chromium cages and wheels. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2577-2590.	9.5	140
119	A family of heterometallic wheels containing potentially fourteen hundred siblings. <i>Chemical Communications</i> , 2005, , 1125-1127.	2.2	59
120	Linking Rings through Diamines and Clusters: Exploring Synthetic Methods for Making Magnetic Quantum Gates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6496-6500.	7.2	80
121	Cover Picture: Linking Rings through Diamines and Clusters: Exploring Synthetic Methods for Making Magnetic Quantum Gates (<i>Angew. Chem. Int. Ed.</i> 40/2005). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6427-6427.	7.2	0
122	Diethanolaminiumcyclo-octa-1/42-fluoro-hexadeca-1/42-trimethylacetato-1/2O ²⁻ -heptachromium(III)nickel(II) ethyl acetate 0.5-solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1525-m1527.	0.2	2
123	Influencing the nuclearity and constitution of heterometallic rings via templates. <i>Chemical Communications</i> , 2005, , 3649.	2.2	63
124	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
125	The Magnetic Möbius Strip: Synthesis, Structure, and Magnetic Studies of Odd-Numbered Antiferromagnetically Coupled Wheels. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5196-5200.	7.2	120
126	Templating Open- and Closed-Chain Structures around Metal Complexes of Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6132-6135.	7.2	36

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127	Structural and Magnetic Investigations of the Mixed-Valence FeII,III Two-Dimensional Layer Complex, [Fe2IIFe2III(HCOO)10(C6H7N)6]n. ChemPhysChem, 2004, 5, 1755-1761.	1.0	6
128	Homo- and heterometallic carboxylate cage complexes as precatalysts for olefin polymerization—Activity enhancement through “inert metals”. Journal of Catalysis, 2004, 222, 260-267.	3.1	89
129	Nickel pivalate complexes: structural variations and magnetic susceptibility and inelastic neutron scattering studies. Dalton Transactions, 2004, , 2758-2766.	1.6	99
130	Synthesis, structure and magnetic properties of hydroxyquinaldine-bridged cobalt and nickel cubanes. Dalton Transactions, 2003, , 4466-4471.	1.6	55
131	Synthesis and Characterization of Heterometallic {Cr7M} Wheels. Angewandte Chemie, 2003, 115, 105-109.	1.6	54
132	A Systematic Exploration of Nickel—Pyrazolinato Chemistry with Alkali Metals: New Cages From Serendipitous Assembly. Chemistry - A European Journal, 2003, 9, 3024-3032.	1.7	59
133	Synthetic and Structural Studies of Cobalt—Pivalate Complexes. Chemistry - A European Journal, 2003, 9, 5142-5161.	1.7	185
134	Horseshoes, Rings, and Distorted Rings: Studies of Cyclic Chromium-Fluoride Cages. Angewandte Chemie - International Edition, 2003, 42, 5978-5981.	7.2	72
135	Synthesis and Characterization of Heterometallic{Cr7M} Wheels. Angewandte Chemie - International Edition, 2003, 42, 101-105.	7.2	205
136	Zinc(II) carboxylates with imidazole and 2-methylimidazole: unprecedented cyclic dimer and polynuclear coordination polymers based on bridging phthalate ions. Inorganica Chimica Acta, 2003, 344, 109-116.	1.2	52
137	Synthesis and structural characterisation of unprecedented dinuclear zinc(II) complex with H-bonded bridging phthalate ions. Inorganic Chemistry Communication, 2003, 6, 685-689.	1.8	30
138	Experimental and Theoretical Electron Density Distribution and Magnetic Properties of the Butterfly-like Complex [Fe4O2(O2CCMe3)8(NC5H4Me)2]·2CH3CN. Inorganic Chemistry, 2003, 42, 7593-7601.	1.9	37
139	Radiolytic splitting of water molecules in the presence of some supramolecular compounds. Journal of the Serbian Chemical Society, 2003, 68, 593-598.	0.4	13
140	Multi-temperature X-ray diffraction, Mössbauer spectroscopy and magnetic susceptibility studies of a solvated mixed-valence trinuclear iron formate, [Fe3O(HCO2)6(NC5H4CH3)3]·1.3(NC5H4CH3). Dalton Transactions RSC, 2002, , 2981.	2.3	19
141	Magnetic Anisotropy of the Antiferromagnetic Ring [Cr8F8Piv16]. Chemistry - A European Journal, 2002, 8, 277-285.	1.7	194
142	Host—Guest Chemistry of the Chromium-Wheel Complex [Cr8F8(tBuCO2)16]: Prediction of Inclusion Capabilities by Using an Electrostatic Potential Distribution Determined by Modeling Synchrotron X-ray Structure Factors at 16 K. Chemistry - A European Journal, 2002, 8, 2775.	1.7	63
143	Synthesis and X-ray diffraction study of Zn(II) complexes with o-phthalic acid and aromatic amines. Polyhedron, 2001, 20, 831-837.	1.0	47
144	High-Temperature Reactions of Metal Triangles: The Influence of Counterion, Ligand, and Metal on the Structure Observed. Journal of Solid State Chemistry, 2001, 159, 321-327.	1.4	32

#	ARTICLE	IF	CITATIONS
145	Mixed-terminal-ligand oxo-centered carboxylate-bridged trinuclear complexes: gas phase generation by means of electrospray ionization FT-ICR MS, condensed phase synthesis, and X-ray structure of $K^+[Cr_3O(C_6H_5COO)_6(F)_2(H_2O)] \cdot 2(CH_3)_2CO$. <i>Inorganica Chimica Acta</i> , 2001, 319, 23-42.	1.2	41
146	Multi-Temperature Crystallographic Studies of Mixed-Valence Polynuclear Complexes; Valence Trapping Process in the Trinuclear Oxo-Bridged Iron Compound, $[Fe_3O(O_2CC(CH_3)_3)_6(C_5H_5N)_3]$. <i>Journal of the American Chemical Society</i> , 2000, 122, 11370-11379.	6.6	73