

Floriana Tuna

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5048514/publications.pdf>

Version: 2024-02-01

294
papers

16,345
citations

14614

66
h-index

22764

112
g-index

318
all docs

318
docs citations

318
times ranked

11745
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Direct photo-oxidation of methane to methanol over a mono-iron hydroxyl site. <i>Nature Materials</i> , 2022, 21, 932-938.	13.3	77
4	Ultra-thin g-C ₃ N ₄ /MFM-300(Fe) heterojunctions for photocatalytic aerobic oxidation of benzylic carbon centers. <i>Materials Advances</i> , 2021, 2, 5144-5149.	2.6	6
5	Catalytic decomposition of NO ₂ over a copper-decorated metal-organic framework by non-thermal plasma. <i>Cell Reports Physical Science</i> , 2021, 2, 100349.	2.8	10
6	Electronic Structure of a Diiron Complex: A Multitechnique Experimental Study of [(dppf)Fe(CO) ₃] ^{+/0} . <i>Inorganic Chemistry</i> , 2021, 60, 2856-2865.	1.9	1
7	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
8	Control of zeolite microenvironment for propene synthesis from methanol. <i>Nature Communications</i> , 2021, 12, 822.	5.8	23
9	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
10	²⁹ Si NMR Spectroscopy as a Probe of s- and f-Block Metal(II)-Silanide Bond Covalency. <i>Journal of the American Chemical Society</i> , 2021, 143, 9813-9824.	6.6	11
11	Rotaxane Co ^{II} Complexes as Field-Induced Single-Ion Magnets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16051-16058.	7.2	19
12	The Origin of Catalytic Benzylic C-H Oxidation over a Redox-Active Metal-Organic Framework. <i>Angewandte Chemie</i> , 2021, 133, 15371-15375.	1.6	0
13	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
14	Anomalous magnetism of uranium(IV)-oxo and -imido complexes reveals unusual doubly degenerate electronic ground states. <i>CheM</i> , 2021, 7, 1666-1680.	5.8	22
15	Rotaxane Co II Complexes as Field-Induced Single-Ion Magnets. <i>Angewandte Chemie</i> , 2021, 133, 16187-16194.	1.6	2
16	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
17	Evidence for ligand- and solvent-induced disproportionation of uranium(IV). <i>Nature Communications</i> , 2021, 12, 4832.	5.8	13
18	Substituent effects on through-space intervalence charge transfer in cofacial metal-organic frameworks. <i>Faraday Discussions</i> , 2021, 231, 152-167.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Self-assembly of a trigonal bipyramidal architecture with stabilisation of iron in three spin states. <i>Chemical Communications</i> , 2021, 57, 11252-11255.	2.2	1
20	Structural Investigations of \pm -MnS Nanocrystals and Thin Films Synthesized from Manganese(II) Xanthates by Hot Injection, Solvent-Less Thermolysis, and Doctor Blade Routes. <i>ACS Omega</i> , 2021, 6, 27716-27725.	1.6	3
21	Acetylation Rather than H50Q Mutation Impacts the Kinetics of Cu(II) Binding to \pm -Synuclein. <i>ChemPhysChem</i> , 2021, 22, 2413-2419.	1.0	4
22	Acetylation Rather than H50Q Mutation Impacts the Kinetics of Cu(II) Binding to \pm -Synuclein. <i>ChemPhysChem</i> , 2021, 22, 2380-2380.	1.0	1
23	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.	1.2	3
24	Quantitative production of butenes from biomass-derived β -valerolactone catalysed by hetero-atomic MFI zeolite. <i>Nature Materials</i> , 2020, 19, 86-93.	13.3	74
25	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
26	Heterometallic 3d-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
27	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.	0.6	2
28	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
29	Identical anomalous Raman relaxation exponent in a family of single ion magnets: towards reliable Raman relaxation determination?. <i>Dalton Transactions</i> , 2020, 49, 11942-11949.	1.6	16
30	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
31	Reaction: Molecular Spins as Qubits. <i>CheM</i> , 2020, 6, 799-800.	5.8	1
32	Methane Activation on H-ZSM-5 Zeolite with Low Copper Loading. The Nature of Active Sites and Intermediates Identified with the Combination of Spectroscopic Methods. <i>Inorganic Chemistry</i> , 2020, 59, 2037-2050.	1.9	25
33	Magnetization Dynamics and Coherent Spin Manipulation of a Propeller Gd(III) Complex with the Smallest Helicene Ligand. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1508-1515.	2.1	24
34	Terminal uranium(V)-nitride hydrogenations involving direct addition or Frustrated Lewis Pair mechanisms. <i>Nature Communications</i> , 2020, 11, 337.	5.8	45
35	Towards the Molecular Design of Spin-Crossover Complexes of 2,6-Bis(pyrazol-3-yl)pyridines. <i>Chemistry - A European Journal</i> , 2020, 26, 5629-5638.	1.7	28
36	Quantification of the mixed-valence and intervalence charge transfer properties of a cofacial metal-organic framework via single crystal electronic absorption spectroscopy. <i>Chemical Science</i> , 2020, 11, 5213-5220.	3.7	18

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterisation of light lanthanide bis-phospholyl borohydride complexes. Dalton Transactions, 2020, 49, 6504-6511.	1.6	9
38	Molecules as qubits, qudits and quantum gates. Electron Paramagnetic Resonance, 2020, , 146-187.	0.2	9
39	Back-bonding between an electron-poor, high-oxidation-state metal and poor π -acceptor ligand in a uranium(V) π -dinitrogen complex. Nature Chemistry, 2019, 11, 806-811.	6.6	47
40	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. Nature Communications, 2019, 10, 3330.	5.8	64
41	Trapping of a Highly Bent and Reduced Form of 2π -Phosphaethynolate in a Mixed-Valence Diuranium π -Triamidoamine Complex. Angewandte Chemie, 2019, 131, 10321-10325.	1.6	7
42	A [13]rotaxane assembled via a palladium molecular capsule. Nature Communications, 2019, 10, 3720.	5.8	19
43	High-throughput chemical and chemoenzymatic approaches to saccharide-coated magnetic nanoparticles for MRI. Nanoscale Advances, 2019, 1, 3597-3606.	2.2	6
44	Photolytic and Reductive Activations of 2π -Phosphaethynolate in a Uranium π -Triamidoamine Complex: Decarbonylative Arsenic-Group Transfer Reactions and Trapping of a Highly Bent and Reduced Form. Chemistry - A European Journal, 2019, 25, 14246-14252.	1.7	18
45	Preparation of Heterobimetallic Ketimido-Actinide-Molybdenum Complexes. Inorganic Chemistry, 2019, 58, 13077-13089.	1.9	8
46	Iodine Adsorption in a Redox-Active Metal-Organic Framework: Electrical Conductivity Induced by Host-Guest Charge-Transfer. Inorganic Chemistry, 2019, 58, 14145-14150.	1.9	74
47	Trapping of a Highly Bent and Reduced Form of 2π -Phosphaethynolate in a Mixed-Valence Diuranium π -Triamidoamine Complex. Angewandte Chemie - International Edition, 2019, 58, 10215-10219.	7.2	24
48	A large barrier single-molecule magnet without magnetic memory. Dalton Transactions, 2019, 48, 10795-10798.	1.6	34
49	Photo-redox reactivity of titanium-oxo clusters: mechanistic insight into a two-electron intramolecular process, and structural characterisation of mixed-valent Ti(III)/Ti(IV) products. Chemical Science, 2019, 10, 6886-6898.	3.7	16
50	Thorium- and uranium-azide reductions: a transient dithorium-nitride versus isolable diuranium-nitrides. Chemical Science, 2019, 10, 3738-3745.	3.7	42
51	Formation of an interlocked double-chain from an organic-inorganic [2]rotaxane. Chemical Communications, 2019, 55, 2960-2963.	2.2	6
52	Transferability of the anisotropic spin model coupling parameters in a family of doped chromium-based molecular rings. Journal of Magnetism and Magnetic Materials, 2019, 479, 166-169.	1.0	2
53	Capture of nitrogen dioxide and conversion to nitric acid in a porous metal-organic framework. Nature Chemistry, 2019, 11, 1085-1090.	6.6	116
54	Exploring Synthetic Routes to Heteroleptic U(III), U(IV), and Th(IV) Bulky Bis(silyl)amide Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 2356-2362.	1.0	17

#	ARTICLE	IF	CITATIONS
55	Anion-induced N-doping of naphthalenediimide polymer semiconductor in organic thin-film transistors. <i>Npj Flexible Electronics</i> , 2018, 2, .	5.1	32
56	Chromium chains as polydentate fluoride ligands for actinides and group IV metals. <i>Dalton Transactions</i> , 2018, 47, 6361-6369.	1.6	2
57	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6314-6318.	7.2	113
58	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
59	Actinide-Pnictide (An~Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Tj ETQg ₁ 1 0.784314 rgB ₁₁)	1.6	11
60	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie</i> , 2018, 130, 6422-6426.	1.6	26
61	Heterometallic Coll-Colll-Mll alkoxido-bridged heptanuclear motifs (M = Cu, Zn). Syntheses, crystal structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2018, 475, 98-104.	1.2	2
62	Evidence of Spin Canting, Metamagnetism, Negative Coercivity and Slow Relaxation in a Two-Dimensional Network of {Mn ₆ } Cages. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 485-492.	1.0	4
63	Actinide-Pnictide (An~Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Tj ETQg ₁ 1 0.784314 rgB ₁₁)	1.2	53
64	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
65	Actinide-transition metal bonding in heterobimetallic uranium and thorium-molybdenum paddlewheel complexes. <i>Chemical Communications</i> , 2018, 54, 13515-13518.	2.2	32
66	Ricinoleic Acid as a Green Alternative to Oleic Acid in the Synthesis of Doped Nanocrystals. <i>ChemistrySelect</i> , 2018, 3, 13548-13552.	0.7	2
67	Synthesis, Crystal Structures, and Magnetic Properties of New Hexanuclear Mn ^{III} ₂ Ln ^{III} ₄ Complexes: SMM Behavior of the Terbium(III) Analogue. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5191-5202.	1.0	2
68	Uranium(III)-carbon multiple bonding supported by arene η^5 -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018, 9, 2097.	5.8	43
69	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
70	Molecular Nanomagnets Based on f-Elements. , 2018, , 1-50.		2
71	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
72	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018, 17, 691-696.	13.3	162

#	ARTICLE	IF	CITATIONS
73	Synthesis and SMM behaviour of trinuclear versus dinuclear 3d ^v 5f uranyl(^v)–cobalt(ⁱⁱ) cation–cation complexes. Dalton Transactions, 2017, 46, 5498-5502.	1.6	23
74	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Well-Defined Cleavage and Redox Reactions. Chemistry - A European Journal, 2017, 23, 2950-2959.	1.7	38
75	In Situ Spectroelectrochemical Investigations of Rull Complexes with Bispyrazolyl Methane Triarylamine Ligands. Australian Journal of Chemistry, 2017, 70, 546.	0.5	1
76	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. Nature Communications, 2017, 8, 14137.	5.8	128
77	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. Nature Communications, 2017, 8, 14212.	5.8	75
78	Redox state manipulation of a tris(p-tetrazolylphenyl)amine ligand and its Mn ²⁺ coordination frameworks. Dalton Transactions, 2017, 46, 2998-3007.	1.6	9
79	Spectroelectrochemical properties of a Ru(ⁱⁱ) complex with a thiazolo[5,4-d]thiazole triarylamine ligand. New Journal of Chemistry, 2017, 41, 108-114.	1.4	6
80	Molecular single-ion magnets based on lanthanides and actinides: Design considerations and new advances in the context of quantum technologies. Coordination Chemistry Reviews, 2017, 346, 216-239.	9.5	282
81	New synthesis route for obtaining carbon-free hexagonal RE manganites via novel simple individual precursors. The interplay between magnetic and thermodynamic properties of hexagonal RMnO ₃ (R =) Tj ETQq1 1 0.084314sgBT /Ov		
82	Double Reduction of 4,4'-Bipyridine and Reductive Coupling of Pyridine by Two Thorium(III) Single-Electron Transfers. Chemistry - A European Journal, 2017, 23, 2290-2293.	1.7	26
83	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. Nature Chemistry, 2017, 9, 578-583.	6.6	102
84	Redox-State Dependent Spectroscopic Properties of Porous Organic Polymers Containing Furan, Thiophene, and Selenophene. Australian Journal of Chemistry, 2017, 70, 1227.	0.5	3
85	High magnetic relaxivity in a fluorescent CdSe/CdS/ZnS quantum dot functionalized with MRI contrast molecules. Chemical Communications, 2017, 53, 10500-10503.	2.2	14
86	Dual Functionalization of Liquid-Exfoliated Semiconducting 2D MoS ₂ with Lanthanide Complexes Bearing Magnetic and Luminescence Properties. Advanced Functional Materials, 2017, 27, 1703646.	7.8	23
87	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of Block Carbene Complex Derived from an N-Heterocyclic Olefin. Angewandte Chemie, 2017, 129, 11692-11696.	1.6	9
88	Crystalline Diuranium Phosphinidide and $\frac{1}{4}$ -Phosphido Complexes with Symmetric and Asymmetric UPU Cores. Angewandte Chemie, 2017, 129, 10631-10636.	1.6	21
89	Crystalline Diuranium Phosphinidide and $\frac{1}{4}$ -Phosphido Complexes with Symmetric and Asymmetric UPU Cores. Angewandte Chemie - International Edition, 2017, 56, 10495-10500.	7.2	62
90	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of Block Carbene Complex Derived from an N-Heterocyclic Olefin. Angewandte Chemie - International Edition, 2017, 56, 11534-11538.	7.2	39

#	ARTICLE	IF	CITATIONS
91	A sub-Kelvin cryogen-free EPR system. <i>Journal of Magnetic Resonance</i> , 2017, 282, 83-88.	1.2	2
92	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. <i>Nature Communications</i> , 2017, 8, 1898.	5.8	32
93	Assessing crystal field and magnetic interactions in diuranium-1/4-chalcogenide triamidoamine complexes with U ^{IV} –E–U ^{IV} cores (E = S, Se, Te): implications for determining the presence or absence of actinide–actinide magnetic exchange. <i>Chemical Science</i> , 2017, 8, 6207-6217.	3.7	42
94	Evidence of Slow Magnetic Relaxation in Co(AcO) ₂ (py) ₂ (H ₂ O) ₂ . <i>Magnetochemistry</i> , 2016, 2, 23.	1.0	36
95	[CrF(O ₂) ₂ C ₂ (t) ₂ 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
96	[CrF(O ₂) ₂ C ₂ (t) ₂ 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
97	Oximate-bridged copper(II) compounds: syntheses, molecular structures, magnetic, thermal and spectroscopic properties. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2329-2341.	0.8	1
98	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016, 7, 11377.	5.8	196
99	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016, 7, 13773.	5.8	82
100	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
101	Dinuclear Ruthenium Complex Based on a π -Extended Bridging Ligand with Redox-Active Tetrathiafulvalene and 1,10-Phenanthroline Units. <i>Inorganic Chemistry</i> , 2016, 55, 4606-4615.	1.9	10
102	Toward Molecular 4f Single-Ion Magnet Qubits. <i>Journal of the American Chemical Society</i> , 2016, 138, 5801-5804.	6.6	201
103	An {Fe ₆₀ } tetrahedral cage: building nanoscopic molecular assemblies through cyanometallate and alkoxo linkers. <i>Dalton Transactions</i> , 2016, 45, 17610-17615.	1.6	15
104	Uranium Metalla-Allenes with Carbene Imido R ₂ C=U=NR ₂ Units (R=Ph ₂ PNSiMe ₃ ; R ² =CPh ₃): Alkali-Metal-Mediated Push–Pull Effects with an Amido Auxiliary. <i>Chemistry - A European Journal</i> , 2016, 22, 11554-11558.	1.7	33
105	Gadolinium-doped magnetite nanoparticles from a single-source precursor. <i>RSC Advances</i> , 2016, 6, 74500-74505.	1.7	34
106	Heterodimers of heterometallic rings. <i>Dalton Transactions</i> , 2016, 45, 16610-16615.	1.6	8
107	In Situ Spectroelectrochemical Investigations of the Redox-Active Tris[4-(pyridin-4-yl)phenyl]amine Ligand and a Zn ²⁺ Coordination Framework. <i>Inorganic Chemistry</i> , 2016, 55, 7270-7280.	1.9	27
108	Uranium–Carbene–Imido Metalla-Allenes: Ancillary Ligand-Controlled <i>cis</i> – <i>trans</i> Isomerisation and Assessment of <i>cis</i> Influence in the R ₂ C=U=NR ₂ Unit (R=Ph ₂ PNSiMe ₃); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 52 T	1.7	37

#	ARTICLE	IF	CITATIONS
109	Switchable Interaction in Molecular Double Qubits. <i>CheM</i> , 2016, 1, 727-752.	5.8	60
110	Symbiotic Transition-Metal and Organocatalysis for Catalytic Ambient Amine Oxidation and Alkene Reduction Reactions. <i>ChemCatChem</i> , 2016, 8, 510-514.	1.8	20
111	Tiny NiO nanocrystals with exchange bias induced room temperature ferromagnetism. <i>Solid State Communications</i> , 2016, 230, 11-15.	0.9	12
112	Inter- versus Intramolecular Structural Manipulation of a Dichromium(II) Pacman Complex through Pressure Variation. <i>Inorganic Chemistry</i> , 2016, 55, 214-220.	1.9	6
113	Emergence of comparable covalency in isostructural cerium(IV) and uranium(IV) carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	3.7	90
114	The molecular basis of polysaccharide cleavage by lytic polysaccharide monoxygenases. <i>Nature Chemical Biology</i> , 2016, 12, 298-303.	3.9	264
115	Redox tunable viologen-based porous organic polymers. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2535-2544.	2.7	55
116	Making hybrid [n]-rotaxanes as supramolecular arrays of molecular electron spin qubits. <i>Nature Communications</i> , 2016, 7, 10240.	5.8	91
117	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
118	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	7.2	50
119	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	1.6	16
120	Catalytic Amine Oxidation under Ambient Aerobic Conditions: Mimicry of Monoamine Oxidase...B. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8997-9000.	7.2	54
121	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015, 1, .	2.8	101
122	Heterometallic Fe ₂ U ^{II} and Ni ₂ U ^{II} Exchange-Coupled Single-Molecule Magnets: Effect of the 3d Ion on the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 18038-18042.	1.7	24
123	A zig-zag uranyl(Mn) single chain magnet with a high relaxation barrier. <i>Chemical Communications</i> , 2015, 51, 11309-11312.	2.2	39
124	Systematic Study of a Family of Butterfly-Like {M ₂ Ln ₂ } Molecular Magnets (M) T _j ETQq0 0 0 rgBT /Overlock 1	1.9	107
125	Controlled Synthesis of Nanoscopic Metal Cages. <i>Journal of the American Chemical Society</i> , 2015, 137, 7644-7647.	6.6	41
126	Hexanuclear 3d ^{4f} Neutral Co ^{II} ₂ Ln ^{III} ₄ Clusters: Synthesis, Structure, and Magnetism. <i>Crystal Growth and Design</i> , 2015, 15, 3157-3165.	1.4	28

#	ARTICLE	IF	CITATIONS
127	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015, 6, 7492.	5.8	126
128	Copper Lanthanide Phosphonate Cages: Highly Symmetric $\{Cu_3Ln_9P_6\}$ and $\{Cu_6Ln_6P_6\}$ Clusters with C_{3v} and D_{3h} Symmetry. <i>Inorganic Chemistry</i> , 2015, 54, 6331-6337.	1.9	20
129	Triamidoamine uranium(IV) arsenic complexes containing one-, two- and threefold As bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	6.6	114
130	An Inverted Sandwich Diuranium U_4 : I_5 Cyclopent Complex Supported by U_5 Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	1.6	19
131	P-C Bond Cleavage-Assisted Lanthanide Phosphate Coordination Polymers. <i>Crystal Growth and Design</i> , 2015, 15, 2555-2560.	1.4	11
132	An Inverted Sandwich Diuranium U_4 : I_5 Cyclopent Complex Supported by U_5 Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	7.2	52
133	Directed synthesis of $\{CuII_2ZnII_2\}$ and $\{CuII_8ZnII_8\}$ heterometallic complexes. <i>Dalton Transactions</i> , 2015, 44, 19275-19281.	1.6	11
134	Synthesis, structure, and magnetism of non-planar heptanuclear lanthanide(iii) complexes. <i>Dalton Transactions</i> , 2015, 44, 1142-1149.	1.6	18
135	DFT and Falicov-Kimball Model Approach to Cr_{19} Molecular Ring. <i>Acta Physica Polonica A</i> , 2014, 126, 270-271.	0.2	9
136	Self-Assembly of a $3d^5f$ Trinuclear Single-Molecule Magnet from a Pentavalent Uranyl Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13434-13438.	7.2	63
137	Refined model of the magnetic molecule from low-temperature inelastic neutron scattering studies. <i>Physical Review B</i> , 2014, 89, .	1.1	6
138	Two-Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitrides to Cyanate by Carbon Monoxide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10412-10415.	7.2	91
139	Synthesis and magnetothermal properties of a ferromagnetically coupled $Ni_8Gd_{11}Ni_{11}$ cluster. <i>Dalton Transactions</i> , 2014, 43, 259-266.	1.6	34
140	Magnetic anisotropy of polycrystalline magnetoferritin investigated by SQUID and electron magnetic resonance. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 361, 188-196.	1.0	9
141	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	7.2	130
142	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
143	A Uranium-Based UO_2 Mn^{2+} Single-Chain Magnet Assembled through Cation-Cation Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 819-823.	7.2	90
144	A One-Pot Synthesis of Monodispersed Iron Cobalt Oxide and Iron Manganese Oxide Nanoparticles from Bimetallic Pivalate Clusters. <i>Chemistry of Materials</i> , 2014, 26, 999-1013.	3.2	50

#	ARTICLE	IF	CITATIONS
145	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
146	Formation of octapod MnO nanoparticles with enhanced magnetic properties through kinetically-controlled thermal decomposition of polynuclear manganese complexes. <i>Nanoscale</i> , 2014, 6, 172-176.	2.8	31
147	Biosynthesis of Zinc Substituted Magnetite Nanoparticles with Enhanced Magnetic Properties. <i>Advanced Functional Materials</i> , 2014, 24, 2518-2529.	7.8	87
148	Chemical tuning of the magnetic relaxation in dysprosium(ⁱⁱⁱ) mononuclear complexes. <i>Dalton Transactions</i> , 2014, 43, 12146-12149.	1.6	45
149	On the interaction of copper(ⁱⁱ) with disulfiram. <i>Chemical Communications</i> , 2014, 50, 13334-13337.	2.2	92
150	Hot injection thermolysis of heterometallic pivalate clusters for the synthesis of monodisperse zinc and nickel ferrite nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6781-6789.	2.7	14
151	Exchange Interactions at the Origin of Slow Relaxation of the Magnetization in {TbCu ₃ } and {DyCu ₃ } Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2014, 53, 8970-8978.	1.9	54
152	Synthesis and Characterization of an f-Block Terminal Parent Imido [U [•] NH] Complex: A Masked Uranium(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2014, 136, 5619-5622.	6.6	121
153	A Detailed Study of the Magnetism of Chiral {Cr ₇ M} Rings: An Investigation into Parametrization and Transferability of Parameters. <i>Journal of the American Chemical Society</i> , 2014, 136, 9763-9772.	6.6	26
154	Liquid Liquid Interfacial Photoelectrochemistry of Chromoionophore Immobilised in 4-(3-Phenylpropyl)Pyridine Microdroplets. <i>ChemElectroChem</i> , 2014, 1, 400-406.	1.7	2
155	Iron Lanthanide Phosphonate Clusters: {Fe ₆ Ln ₆ P ₆ } Wells-like Dawson-like Structures with <i>D_{3d}</i> Symmetry. <i>Inorganic Chemistry</i> , 2014, 53, 3032-3038.	1.9	52
156	Magnetic and Luminescent Binuclear Double-Stranded Helicates. <i>Inorganic Chemistry</i> , 2014, 53, 7738-7747.	1.9	55
157	The coordination chemistry of tartronic acid with copper: magnetic studies of a quasi-equilateral tricopper triangle. <i>Dalton Transactions</i> , 2014, 43, 656-662.	1.6	13
158	Tetranuclear Lanthanide(III) Complexes in a Seesaw Geometry: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2014, 53, 3385-3391.	1.9	47
159	Innen- und Außenbild: Self-Assembly of a 3d-5f Trinuclear Single-Molecule Magnet from a Pentavalent Uranyl Complex (<i>Angew. Chem.</i> 49/2014). <i>Angewandte Chemie</i> , 2014, 126, 13839-13839.	1.6	0
160	[U ^{III}]{N(SiMe ₂ tBu) ₃ }: A Structurally Authenticated Trigonal Planar Actinide Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14579-14583.	1.7	39
161	Magnetic relaxation pathways in lanthanide single-molecule magnets. <i>Nature Chemistry</i> , 2013, 5, 673-678.	6.6	649
162	Magnetic properties of cobalt oxide nanoparticles synthesised by a continuous hydrothermal method. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 348, 1-7.	1.0	55

#	ARTICLE	IF	CITATIONS
163	In-situ coordination chemistry within cobalt-containing phthalocyanine nanoporous crystals. <i>CrystEngComm</i> , 2013, 15, 1545.	1.3	3
164	A Dense Metal-Organic Framework for Enhanced Magnetic Refrigeration. <i>Advanced Materials</i> , 2013, 25, 4653-4656.	11.1	273
165	Synthesis and redox chemistry of cycloheptatrienyl molybdenum carbon-chain complexes featuring diimine support ligands: $[Mo\{(CC)_nCCR\}(R^2NCH=CHNR^2)(\eta-C_7H_7)]$, ($n=0$ or 1). <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 251-257.	0.8	2
166	A triamido-uranium(v) inverse-sandwich 10- π -toluene tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	1.6	49
167	Isostructural salts of the same complex showing contrasting thermal spin-crossover mediated by multiple phase changes. <i>Chemical Communications</i> , 2013, 49, 6280.	2.2	26
168	The synthesis of iron sulfide nanocrystals from tris(O-alkylxanthato)iron(iii) complexes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8766.	5.2	35

169 The synthesis, spectroscopy and X-ray single crystal structure of

#	ARTICLE	IF	CITATIONS
181	An {Fe ₁₆ } barrel: Synthesis, structural and magnetic characterisation of an {Fe ₈ } ring and its dimer. <i>Polyhedron</i> , 2013, 64, 59-62.	1.0	3
182	Single-Molecule Magnetism in a Single-Ion Triamidoamine Uranium(V) Terminal Mono-Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4921-4924.	7.2	133
183	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, 7071-7083.	1.7	99
184	Single-Molecule Magnetism in Tetrametallic Terbium and Dysprosium Thiolate Cages. <i>Organometallics</i> , 2013, 32, 1224-1229.	1.1	67
185	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
186	Wells-Dawson Cages as Molecular Refrigerants. <i>Inorganic Chemistry</i> , 2013, 52, 13702-13707.	1.9	33
187	The C ₆₀ (FeCp) ₂ -Based Cell Proliferation Accelerator. <i>Journal of Chemistry</i> , 2013, 2013, 1-4.	0.9	2
188	Detection of ground states in frustrated molecular rings by in-field local magnetization profiles. <i>Physical Review B</i> , 2013, 87, .	1.1	45
189	An Actinide Zintl Cluster: A Tris(triamidouranium) ³⁺ - ²⁻ - ²⁻ - ²⁻ -Heptaphosphanortricyclane and Its Diverse Synthetic Utility. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13334-13337.		63
190	Synthesis of 2,6-Di(pyrazol-1-yl)pyrazine Derivatives and the Spin-State Behavior of Their Iron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 819-831.	1.0	31
191	Chemical Engineering of Molecular Qubits. <i>Physical Review Letters</i> , 2012, 108, 107204.	2.9	227
192	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr ₈ Ni. <i>Physical Review B</i> , 2012, 86, .	1.1	14
193	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
194	Deposition of iron selenide nanocrystals and thin films from tris(N,N-diethyl-N ² -naphthoylselenoureato)iron(iii). <i>Journal of Materials Chemistry</i> , 2012, 22, 14970.	6.7	27
195	Monitoring of renal function using ^{99m} Tc-DMSA and ^{99m} Tc-DTPA scintigraphy in patients with spinal cord injury. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2012, 31, 322-327.	0.0	2
196	Synthesis of CuGa ₂ O ₄ nanoparticles by precursor and self-propagating combustion methods. <i>Ceramics International</i> , 2012, 38, 6739-6751.	2.3	13
197	Suppression of the Jahn-Teller distortion in a six-coordinate copper(ii) complex by doping it into a host lattice. <i>Chemical Communications</i> , 2012, 48, 4055.	2.2	29
198	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, 10047-10054.	6.6	163

#	ARTICLE	IF	CITATIONS
199	Co ^{II} /Ln Mixed-Metal Phosphonate Grids and Cages as Molecular Magnetic Refrigerants. <i>Journal of the American Chemical Society</i> , 2012, 134, 1057-1065.	6.6	353
200	Synthesis, spectroscopic, and crystallographic characterizations of an antiferromagnetically coupled, oxobridged trinuclear manganese(IV) cluster [Mn ₃ O ₄ (H ₂ O) ₂ (phen) ₄](NO ₃) ₄ ·5H ₂ O·5H ₂ O [phen = 1,10-phenanthroline]. <i>Journal of Coordination Chemistry</i> , 2012, 65, 4067-4076.	0.8	5
201	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
202	An iron(II) complex exhibiting five anhydrous phases, two of which interconvert by spin-crossover with wide hysteresis. <i>Chemical Science</i> , 2012, 3, 349-354.	3.7	67
203	Single-molecule magnetism in cyclopentadienyl-dysprosium chlorides. <i>Chemical Communications</i> , 2012, 48, 1508-1510.	2.2	136
204	Orbital Symmetry Control of Electronic Coupling in a Symmetrical, All-Carbon-Bridged Mixed Valence Compound: Synthesis, Spectroscopy, and Electronic Structure of [Mo(dppe)(i-C ₇ H ₇) ₂ (i ¹ /4-C ₄) ⁿ] ⁺ (i ⁿ = 0, 1, or 2). <i>Organometallics</i> , 2012, 31, 157-169.	1.1	34
205	Spin crossover in phosphorus- and arsenic-bridged cyclopentadienyl-manganese(II) dimers. <i>Chemical Communications</i> , 2012, 48, 8087.	2.2	26
206	Nickel and Iron Sulfide Nanoparticles from Thiobiurets. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2253-2259.	1.5	54
207	X-ray Structural Characterizations, and Thermal Stabilities of Two Nonclassical Trinuclear Vanadium(IV) Complexes, (V ₃ (i ¹ /4 ₃ -O)O ₂)(i ¹ /4 ₂ -O) ₂ P(CH ₂ C ₆ H ₅) ₃ and (V ₃ (i ¹ /4 ₃ -O)O ₂)(i ¹ /4 ₂ -O) ₂ P(CH ₂ C ₆ H ₅) ₃		

#	ARTICLE	IF	CITATIONS
217	Structure and bonding in three-coordinate N-heterocyclic carbene adducts of iron(ii) bis(trimethylsilyl)amide. <i>Chemical Communications</i> , 2011, 47, 10623.	2.2	89
218	Deposition of iron sulfide nanocrystals from single source precursors. <i>Journal of Materials Chemistry</i> , 2011, 21, 9737.	6.7	82
219	Control of nanoparticle size, reactivity and magnetic properties during the bioproduction of magnetite by <i>Geobacter sulfurreducens</i> . <i>Nanotechnology</i> , 2011, 22, 455709.	1.3	103
220	Lanthanide discs chill well and relax slowly. <i>Chemical Communications</i> , 2011, 47, 7650.	2.2	255
221	Synthesis, Structures, and Reactivity of Chelating Bis-N-Heterocyclic-Carbene Complexes of Iron(II). <i>Organometallics</i> , 2011, 30, 4974-4982.	1.1	70
222	Chromium(iii) stars and butterflies: synthesis, structural and magnetic studies of tetrametallic clusters. <i>Dalton Transactions</i> , 2011, 40, 5278.	1.6	17
223	Chromium chains as polydentate fluoride ligands for lanthanides. <i>Chemical Communications</i> , 2011, 47, 6251.	2.2	57
224	An antiferromagnetically coupled dimeric Ni(II) complex anion and its counter cationic monomeric Ni(II) complex, and some other mononuclear transition metal compounds using some neutral ligands. <i>Polyhedron</i> , 2011, 30, 2032-2037.	1.0	21
225	Pentanuclear Cyanide-Bridged Complexes Based on Highly Anisotropic Co ^{II} Seven-Coordinate Building Blocks: Synthesis, Structure, and Magnetic Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 12045-12052.	1.9	66
226	Single Pyramid Magnets: Dy ⁵ Pyramids with Slow Magnetic Relaxation to 40 K. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6530-6533.	7.2	458
227	Chemical Control of Spin Propagation between Heterometallic Rings. <i>Chemistry - A European Journal</i> , 2011, 17, 14020-14030.	1.7	27
228	Size-Induced Effects in Wet-Chemically Synthesized CoPt ₃ Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6087-6092.	0.9	2
229	Synthesis and structural and magnetic characterisation of cobalt(ii) complexes of mixed phosphonate-antimonate ligands. <i>Dalton Transactions</i> , 2010, 39, 9588.	1.6	12
230	Synthesis and Structural, Magnetic and EPR Characterization of Discrete Finite Antiferromagnetic Chains. <i>Applied Magnetic Resonance</i> , 2010, 37, 685-692.	0.6	1
231	Non-Oxido Mixed-Valence MnII6MnIII4 Cluster with Benzoate, Triethanolamine and Phosphonate Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3097-3101.	1.0	13
232	Influence of the N-Bridging Ligand on Magnetic Relaxation in an Organometallic Dysprosium Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2010, 16, 4442-4446.	1.7	221
233	Microstructure and properties of Co-, Ni-, Zn-, Nb- and W-modified multiferroic BiFeO ₃ ceramics. <i>Journal of the European Ceramic Society</i> , 2010, 30, 727-736.	2.8	152
234	The azidopentacyanoferrate(III) ion as a tecton in constructing heterometallic complexes: Synthesis, crystal structure and magnetic properties of [Mn(valphen)(H ₂ O) ₂] ₂ [(H ₂ O)(valphen)Mn(1/4-CN)Fe(CN) ₄ (N ₃)]·8H ₂ O. <i>Inorganica Chimica Acta</i> , 2010, 363, 4247-4252.	1.2	12

#	ARTICLE	IF	CITATIONS
235	Structural, transport and magnetic properties of. Solid State Communications, 2010, 150, 1450-1452.	0.9	2
236	Magnetic properties and spin dynamics in the Cr_7Ni heterometallic antiferromagnetic molecular ring. Physical Review B, 2010, 81, 040407.	1.1	14
237	Entanglement in Supramolecular Spin Systems of Two Weakly Coupled Antiferromagnetic Rings (Purple- Cr_7Ni). Physical Review Letters, 2010, 104, 037203.	2.9	99
238	Families of Molecular Hexa- and Trideca-Metallic Vanadium(III) Phosphonates. Materials, 2010, 3, 232-240.	1.3	6
239	Selective Deposition of Cobalt Sulfide Nanostructured Thin Films from Single-Source Precursors. Chemistry of Materials, 2010, 22, 4919-4930.	3.2	25
240	Limits on Intrinsic Magnetism in Graphene. Physical Review Letters, 2010, 105, 207205.	2.9	349
241	Iron Thiobiurets: Single-Source Precursors for Iron Sulfide Thin Films. Inorganic Chemistry, 2010, 49, 8495-8503.	1.9	48
242	Phosphonates as ligands in $\text{Co}^{\text{II}}\text{Cr}$ heterometallic clusters. Dalton Transactions, 2010, 39, 6175.	1.6	19
243	Fe site occupancy in magnetite-ulvospinel solid solutions: A new approach using X-ray magnetic circular dichroism. American Mineralogist, 2010, 95, 425-439.	0.9	75
244	$3d^4f$ Clusters with large spin ground states and SMM behaviour. Dalton Transactions, 2010, 39, 4747.	1.6	160
245	Synthesis and structural and magnetic characterisation of copper(ii) complexes of mixed phosphonate-antimonate ligands. Dalton Transactions, 2010, 39, 124-131.	1.6	16
246	Grafting molecular Cr_7Ni rings on a gold surface. Dalton Transactions, 2010, 39, 4928.	1.6	28
247	Probing edge magnetization in antiferromagnetic spin segments. Physical Review B, 2009, 79, .	1.1	18
248	Radio-frequency spectroscopy of the low-energy spectrum of the magnetic molecule Cr_7Ni . Physical Review B, 2009, 80, .	1.1	15
249	Cluster glass properties and magnetic phase separation studies of $\text{Nd}_{1-x}\text{Bi}_x\text{Sr}_{0.5}\text{MnO}_3$ ($x = 0.1, 0.2$). Physical Review B, 2009, 79, .	2.9	99
250	Linkage Isomerism and Spin Frustration in Heterometallic Rings: Synthesis, Structural Characterization, and Magnetic and EPR Spectroscopic Studies of Cr_7Ni , Cr_6Ni_2 , and Cr_7Ni_2 Rings Templated About Imidazolium Cations. Chemistry - A European Journal, 2009, 15, 13150-13160.	1.7	19
251	Engineering the coupling between molecular spin qubits by coordination chemistry. Nature Nanotechnology, 2009, 4, 173-178.	15.6	374
252	A trinuclear copper(II) complex with 2,5-pyridine-dicarboxylato bridges $\text{[Cu}_3(2,5\text{-pydc})_2(\text{Me}_5\text{dien})_2(\text{H}_2\text{O})_2(\text{BF}_4)_2] \cdot \text{H}_2\text{O}$: Synthesis, crystal structure and magnetic properties. Inorganica Chimica Acta, 2009, 362, 1660-1664.	1.2	12

#	ARTICLE	IF	CITATIONS
253	First binuclear Cr(III)–Mn(III) oxalato-bridged complexes: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2009, 28, 1688-1693.	1.0	24
254	Phenomenological modeling of the anisotropic molecular-based ring. <i>Polyhedron</i> , 2009, 28, 1852-1855.	1.0	13
255	Controlling the crystal structure of Ni nanoparticles by the use of alkylamines. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2723-2728.	1.0	55
256	Copper(II) coordination compounds with 8-quinolinaldehyde semicarbazone: Synthesis and structure. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 530-538.	0.3	8
257	Synthesis, Structural and Magnetochemical Studies of Iron Phosphonate Cages Based on {Fe ₃ O ₇ } ⁺ Core. <i>Inorganic Chemistry</i> , 2009, 48, 5338-5349.	1.9	45
258	A cyclic tetranuclear Ni ₂ Gd ₂ complex bridged by amino acidato ligands, with an S = 9 ground state, derived from ferromagnetic spin-coupling between nickel(ii) and gadolinium(iii) ions. <i>Dalton Transactions</i> , 2009, , 3140.	1.6	24
259	Synthesis, structural characterisation and magnetic studies of polymetallic iron phosphonate cages. <i>Dalton Transactions</i> , 2009, , 6166.	1.6	35
260	Harnessing the Extracellular Bacterial Production of Nanoscale Cobalt Ferrite with Exploitable Magnetic Properties. <i>ACS Nano</i> , 2009, 3, 1922-1928.	7.3	105
261	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
262	Octa-, Deca-, Trideca-, and Tetradecanuclear Heterometallic Cyclic Chromium–Copper Cages. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 924-927.	7.2	54
263	Heterometallic Rings Made From Chromium Stick Together Easily. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9681-9684.	7.2	64
264	Supertetrahedral and Bi-supertetrahedral Cages: Synthesis, Structures, and Magnetic Properties of Deca- and Enneadecametallic Cobalt(II) Clusters. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9695-9699.	7.2	50
265	One-dimensional and two-dimensional coordination polymers constructed from copper(II) nodes and polycarboxylato spacers: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2008, 27, 574-582.	1.0	41
266	Copper(II) and zinc(II) complexes with Schiff-base ligands derived from salicylaldehyde and 3-methoxysalicylaldehyde: Synthesis, crystal structures, magnetic and luminescence properties. <i>Inorganica Chimica Acta</i> , 2008, 361, 3903-3911.	1.2	98
267	Synthesis, structural, magnetic and high frequency EPR studies on a hexametallc Fe(III) complex with a highly rhombic S=5 ground state. <i>Inorganica Chimica Acta</i> , 2008, 361, 3663-3668.	1.2	12
268	Vanadium(III) phosphonate cage complexes. <i>Journal of Molecular Structure</i> , 2008, 890, 157-162.	1.8	13
269	Synthesis of new polymetallic iron clusters containing polycarboxylate ligands based on cavity-blocked cyclen. <i>Dalton Transactions</i> , 2008, , 198-200.	1.6	16
270	A homospin iron(ii) single chain magnet. <i>Chemical Communications</i> , 2008, , 1983.	2.2	49

#	ARTICLE	IF	CITATIONS
271	Colossal magnetoresistance properties of Nd-doped Bi _{0.5} Sr _{0.5} MnO ₃ . <i>Journal of Applied Physics</i> , 2008, 103, 07F721.	1.1	1
272	Large spin, magnetically anisotropic, octametallal vanadium(III) clusters with strong ferromagnetic coupling. <i>Chemical Communications</i> , 2007, , 5161.	2.2	11
273	Synthesis and Characterization of Some Novel Homo- and Hetero-Diradicals of Hydrazyl and Nitroxide Type. <i>Australian Journal of Chemistry</i> , 2007, 60, 173.	0.5	7
274	A series of nickel phosphonate-carboxylate cages. <i>Chemical Communications</i> , 2007, , 5185.	2.2	67
275	Supramolecular Dimers and Chains Resulting from Second Coordination Sphere Interactions. <i>Crystal Growth and Design</i> , 2007, 7, 1825-1831.	1.4	56
276	Supramolecular Circular Helicates Formed by Destabilisation of Supramolecular Dimers. <i>Chemistry - A European Journal</i> , 2007, 13, 9286-9296.	1.7	36
277	Synthesis of Molecular Vanadium(III) Phosphonates. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5568-5571.	7.2	86
278	Single molecule magnets for quantum computation. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 2999-3004.	1.3	102
279	Studies of an Fe ₉ Tridiminished Icosahedron. <i>Chemistry - A European Journal</i> , 2006, 12, 8961-8968.	1.7	59
280	Readily Prepared Metallo-Supramolecular Triple Helicates Designed to Exhibit Spin-Crossover Behaviour. <i>Chemistry - A European Journal</i> , 2004, 10, 5737-5750.	1.7	86
281	Binding sites on the outside of metallo-supramolecular architectures; engineering coordination polymers from discrete architectures. <i>Dalton Transactions</i> , 2004, , 1546-1555.	1.6	36
282	Substantial Increase of the Ordering Temperature for {MnII/MoIII(CN) ₇ }-Based Magnets as a Function of the 3d Ion Site Geometry: An Example of Two Supramolecular Materials with T _c = 75 and 106 K. <i>Inorganic Chemistry</i> , 2003, 42, 1625-1631.	1.9	99
283	Synthesis, crystal structures and magnetic properties of new oxalato- and phenolato-bridged binuclear copper(II) complexes with Schiff-base ligands. <i>Inorganica Chimica Acta</i> , 2003, 342, 131-138.	1.2	45
284	Stepwise synthesis of a pentanuclear copper(II)-manganese(II) cluster by using a versatile Schiff base ligand derived from 3-formylsalicylic acid. <i>Inorganic Chemistry Communication</i> , 2003, 6, 30-33.	1.8	11
285	Crystal structure and magnetic properties of [Co(H ₂ O) ₂] ₂ Mo(CN) ₈ ·4 H ₂ O, a three-dimensional cyanide-bridged bimetallic compound. <i>Comptes Rendus Chimie</i> , 2003, 6, 377-383.	0.2	27
286	Metallo-supramolecular libraries: triangles, polymers and double-helicates assembled by copper(I) coordination to directly linked bis-pyridylimine ligands. <i>Dalton Transactions</i> , 2003, , 2141.	1.6	60
287	The effect of phenyl substituents on supramolecular assemblies containing directly linked bis-pyridylimine ligands: synthesis and structural characterisation of mononuclear nickel(II) and dinuclear silver(I) and cobalt(III) complexes of (2-pyridyl)phenylketazine. <i>Dalton Transactions</i> , 2003, , 2149.	1.6	24
288	Aggregation of metallo-supramolecular architectures by metallo-assembled hydrogen bonding sites. Electronic supplementary information (ESI) available: Electronic Supplementary Information (ESI) available: full experimental details; characterisation data; crystallographic information; additional views and discussion of the solid state structures. See http://www.rsc.org/suppdata/cc/b3/b308963k/ . <i>Chemical Communications</i> , 2003, , 2666.	2.2	45

#	ARTICLE	IF	CITATIONS
289	Helical (Isotactic) and Syndiotactic Silver(I) Metallo-Supramolecular Coordination Polymers Assembled from a Readily Prepared Bis-Pyridylimine Ligand Containing a 1,5-Naphthalene Spacer. Chemistry - A European Journal, 2002, 8, 4957-4964.	1.7	46
290	Magnetic and spectral properties of two five-coordinate Lewis-base adducts of cobalt(II) Schiff-base complexes with a N3O2 ligand environment. Polyhedron, 2000, 19, 1643-1648.	1.0	21
291	Supramolecular heteropolymetallic assemblies constructed from binuclear complexes and hexacyanometallate anions. Synthesis, crystal structure and magnetic properties of [Cu2(fsal-33)(H2O)2]3[Fe(CN)6]2·8 H2O. New Journal of Chemistry, 2000, 24, 615-618.	1.4	14
292	Synthesis and magnetic properties of a series of bi- and tri-nuclear complexes of copper(II) with the unsymmetrical tetradentate Schiff-base ligand 3-[N-2-(pyridylethyl)formimidoyl]salicylic acid, H2fsaaep, and crystal structures of [Cu(Hfsaaep)Cl]2 and [Cu(fsaaep)(H2O)]2. Journal of the Chemical Society Dalton Transactions, 1999, , 539-546.	1.1	92
293	A Synthetic Approach Towards Homotrinnuclear Complexes: Design of Mn(II), Ni(II) AND Cu(II) Trinuclear Complexes Using Two New Unsymmetrical Tetradentate Ligands Derived from 3-Formylsalicylic Acid. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1998, 28, 13-22.	1.8	5
294	Unparalleled selectivity and electronic structure of heterometallic [LnLnâ€™Ln] molecules as 3-qubit quantum gates. Chemical Science, 0, , .	3.7	6