

# Floriana Tuna

## List of Publications by Year in descending order

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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	Magnetic relaxation pathways in lanthanide single-molecule magnets. <i>Nature Chemistry</i> , 2013, 5, 673-678.	6.6	649
2	Single Pyramid Magnets: Dy <sub>5</sub> Pyramids with Slow Magnetic Relaxation to 40 K. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6530-6533.	7.2	458
3	Engineering the coupling between molecular spin qubits by coordination chemistry. <i>Nature Nanotechnology</i> , 2009, 4, 173-178.	15.6	374
4	Co <sup>II</sup> /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
5	Limits on Intrinsic Magnetism in Graphene. <i>Physical Review Letters</i> , 2010, 105, 207205.	2.9	349
6	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
7	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
8	Molecular single-ion magnets based on lanthanides and actinides: Design considerations and new advances in the context of quantum technologies. <i>Coordination Chemistry Reviews</i> , 2017, 346, 216-239.	9.5	282
9	A Dense Metal-Organic Framework for Enhanced Magnetic Refrigeration. <i>Advanced Materials</i> , 2013, 25, 4653-4656.	11.1	273
10	The molecular basis of polysaccharide cleavage by lytic polysaccharide monooxygenases. <i>Nature Chemical Biology</i> , 2016, 12, 298-303.	3.9	264
11	Lanthanide discs chill well and relax slowly. <i>Chemical Communications</i> , 2011, 47, 7650.	2.2	255
12	A High Anisotropy Barrier in a Sulfur-Bridged Organodysprosium Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6976-6980.	7.2	254
13	Isolation and characterization of a uranium(VI) nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
14	Chemical Engineering of Molecular Qubits. <i>Physical Review Letters</i> , 2012, 108, 107204.	2.9	227
15	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
16	Toward Molecular 4f Single-Ion Magnet Qubits. <i>Journal of the American Chemical Society</i> , 2016, 138, 5801-5804.	6.6	201
17	Linking heterometallic rings for quantum information processing and amusement. <i>Chemical Society Reviews</i> , 2011, 40, 3067.	18.7	197
18	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016, 7, 11377.	5.8	196

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19	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a $[R_2C=UO_2]^{2+}$ Analogue of the $[O=UO_2]^{2+}$ Uranyl Ion ( $R = Ph_2PNSiMe_3$ ), and Comparison of the Nature of $U^{IV}=C$ , $U^V=C$ , and $U^{VI}=C$ Double Bonds. <i>Journal of the American Chemical Society</i> , 2012, 134, 10047-10054.	6.6	163
20	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018, 17, 691-696.	13.3	162
21	$3d-4f$ Clusters with large spin ground states and SMM behaviour. <i>Dalton Transactions</i> , 2010, 39, 4747.	1.6	160
22	Microstructure and properties of Co-, Ni-, Zn-, Nb- and W-modified multiferroic BiFeO <sub>3</sub> ceramics. <i>Journal of the European Ceramic Society</i> , 2010, 30, 727-736.	2.8	152
23	Pentametallic lanthanide-alkoxide square-based pyramids: high energy barrier for thermal relaxation in a holmium single molecule magnet. <i>Chemical Communications</i> , 2011, 47, 10587.	2.2	141
24	Single-molecule magnetism in cyclopentadienyl-dysprosium chlorides. <i>Chemical Communications</i> , 2012, 48, 1508-1510.	2.2	136
25	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
26	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	7.2	130
27	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	5.8	128
28	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015, 6, 7492.	5.8	126
29	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
30	Capture of nitrogen dioxide and conversion to nitric acid in a porous metal-organic framework. <i>Nature Chemistry</i> , 2019, 11, 1085-1090.	6.6	116
31	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
32	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold $U=As$ bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	6.6	114
33	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6314-6318.	7.2	113
34	Systematic Study of a Family of Butterfly-Like $\{M_2Ln_2\}$ Molecular Magnets (M) Tj ETQq0 0 0 rgBT /Overlock 1	1.9	107
35	Harnessing the Extracellular Bacterial Production of Nanoscale Cobalt Ferrite with Exploitable Magnetic Properties. <i>ACS Nano</i> , 2009, 3, 1922-1928.	7.3	105
36	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

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37	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
38	Single molecule magnets for quantum computation. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 2999-3004.	1.3	102
39	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. <i>Nature Chemistry</i> , 2017, 9, 578-583.	6.6	102
40	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015, 1, .	2.8	101
41	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 <sub>c</sub> = 75 and 106 K. <i>Inorganic Chemistry</i> , 2003, 42, 1625-1631.	1.9	99
42	Entanglement in Supramolecular Spin Systems of Two Weakly Coupled Antiferromagnetic Rings (Purple- $\text{Mn}^{\text{II}}$ and $\text{Cu}^{\text{II}}$ ). <i>Physical Review Letters</i> , 2010, 104, 037203.	2.9	99
43	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
44	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
45	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, H <sub>2</sub> f <sub>3</sub> aaep, and crystal structures of [Cu(Hf <sub>3</sub> aaep)Cl] <sub>2</sub> and [Cu(f <sub>3</sub> aaep)(H <sub>2</sub> O)] <sub>2</sub> . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, ., 539-546.	1.1	92
46	On the interaction of copper(II) with disulfiram. <i>Chemical Communications</i> , 2014, 50, 13334-13337.	2.2	92
47	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
48	Making hybrid [n]-rotaxanes as supramolecular arrays of molecular electron spin qubits. <i>Nature Communications</i> , 2016, 7, 10240.	5.8	91
49	A Uranium-Based UO <sub>2</sub> <sup>+</sup> Mn <sup>2+</sup> Single-Chain Magnet Assembled through Cation-Cation Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 819-823.	7.2	90
50	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
51	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
52	Biosynthesis of Zinc Substituted Magnetite Nanoparticles with Enhanced Magnetic Properties. <i>Advanced Functional Materials</i> , 2014, 24, 2518-2529.	7.8	87
53	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
54	Synthesis of Molecular Vanadium(III) Phosphonates. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5568-5571.	7.2	86

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55	Molecular amino-phosphonate cobalt-lanthanide clusters. <i>Chemical Communications</i> , 2013, 49, 3522.	2.2	86
56	Deposition of iron sulfide nanocrystals from single source precursors. <i>Journal of Materials Chemistry</i> , 2011, 21, 9737.	6.7	82
57	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016, 7, 13773.	5.8	82
58	Direct photo-oxidation of methane to methanol over a mono-iron hydroxyl site. <i>Nature Materials</i> , 2022, 21, 932-938.	13.3	77
59	Fe site occupancy in magnetite-ulvospinel solid solutions: A new approach using X-ray magnetic circular dichroism. <i>American Mineralogist</i> , 2010, 95, 425-439.	0.9	75
60	A hydride-ligated dysprosium single-molecule magnet. <i>Chemical Communications</i> , 2013, 49, 901-903.	2.2	75
61	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. <i>Nature Communications</i> , 2017, 8, 14212.	5.8	75
62	Iodine Adsorption in a Redox-Active Metal-Organic Framework: Electrical Conductivity Induced by Host-Guest Charge-Transfer. <i>Inorganic Chemistry</i> , 2019, 58, 14145-14150.	1.9	74
63	Quantitative production of butenes from biomass-derived $\delta^3$ -valerolactone catalysed by hetero-atomic MFI zeolite. <i>Nature Materials</i> , 2020, 19, 86-93.	13.3	74
64	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
65	Quantitative Electro-Reduction of CO <sub>2</sub> to Liquid Fuel over Electro-Synthesized Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 17384-17392.	6.6	73
66	Synthesis, Structures, and Reactivity of Chelating Bis-N-Heterocyclic-Carbene Complexes of Iron(II). <i>Organometallics</i> , 2011, 30, 4974-4982.	1.1	70
67	A series of nickel phosphonate-carboxylate cages. <i>Chemical Communications</i> , 2007, , 5185.	2.2	67
68	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
69	Single-Molecule Magnetism in Tetrametallic Terbium and Dysprosium Thiolate Cages. <i>Organometallics</i> , 2013, 32, 1224-1229.	1.1	67
70	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
71	Pentanuclear Cyanide-Bridged Complexes Based on Highly Anisotropic Co <sup>II</sup> Seven-Coordinate Building Blocks: Synthesis, Structure, and Magnetic Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 12045-12052.	1.9	66
72	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

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73	Heterometallic Rings Made From Chromium Stick Together Easily. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9681-9684.	7.2	64
74	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019, 10, 3330.	5.8	64
75	An Actinide Zintl Cluster: A Tris(triamidouranium) $\text{U}^{\text{IV}}_3\text{N}_4^{\text{2-}}$ Heptaphosphanortricyclane and Its Diverse Synthetic Utility. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13334-13337.		63
76	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
77	Crystalline Diuranium Phosphinidide and $\text{U}_2\text{P}$ Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10495-10500.	7.2	62
78	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
79	Controlled cobalt doping in biogenic magnetite nanoparticles. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130134.	1.5	61
80	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
81	Switchable Interaction in Molecular Double Qubits. <i>CheM</i> , 2016, 1, 727-752.	5.8	60
82	Studies of an $\text{Fe}_9$ Tridiminished Icosahedron. <i>Chemistry - A European Journal</i> , 2006, 12, 8961-8968.	1.7	59
83	Chromium chains as polydentate fluoride ligands for lanthanides. <i>Chemical Communications</i> , 2011, 47, 6251.	2.2	57
84	Supramolecular Dimers and Chains Resulting from Second Coordination Sphere Interactions. <i>Crystal Growth and Design</i> , 2007, 7, 1825-1831.	1.4	56
85	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
86	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
87	Magnetic and Luminescent Binuclear Double-Stranded Helicates. <i>Inorganic Chemistry</i> , 2014, 53, 7738-7747.	1.9	55
88	Redox tunable viologen-based porous organic polymers. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2535-2544.	2.7	55
89	Octa-, Deca-, Trideca-, and Tetradecanuclear Heterometallic Cyclic Chromium-Copper Cages. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 924-927.	7.2	54
90	Nickel and Iron Sulfide Nanoparticles from Thiobiurets. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2253-2259.	1.5	54

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91	Exchange Interactions at the Origin of Slow Relaxation of the Magnetization in {TbCu <sub>3</sub> } and {DyCu <sub>3</sub> } Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2014, 53, 8970-8978.	1.9	54
92	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
93	Actinide-Pnictide (An~Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Tj ETQg <sub>1</sub> 1 0.784314 rgB	7.2	53
94	Iron Lanthanide Phosphonate Clusters: {Fe <sub>6</sub> Ln <sub>6</sub> P <sub>6</sub> } Wells-Dawson-like Structures with <i>i</i> D <sub>3d</sub> Symmetry. <i>Inorganic Chemistry</i> , 2014, 53, 3032-3038.	1.9	52
95	An Inverted Sandwich Diuranium $\text{U}^{\text{IV}}_2\text{CycloP}_5$ Complex Supported by $\text{U}^{\text{IV}}_2$ Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	7.2	52
96	Iron( <i>ii</i> ) and cobalt( <i>ii</i> ) complexes of tris-azanyl analogues of 2,2',6',2''-terpyridine. <i>Dalton Transactions</i> , 2013, 42, 2254-2265.	1.6	51
97	Supertetrahedral and Bi-supertetrahedral Cages: Synthesis, Structures, and Magnetic Properties of Deca- and Enneadecameric Cobalt(II) Clusters. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9695-9699.	7.2	50
98	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
99	Isolation of Elusive HAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	7.2	50
100	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
101	A homospin iron(ii) single chain magnet. <i>Chemical Communications</i> , 2008, , 1983.	2.2	49
102	A triamido-uranium(v) inverse-sandwich 10 $\pi$ -toluene tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	1.6	49
103	Iron Thiobiurets: Single-Source Precursors for Iron Sulfide Thin Films. <i>Inorganic Chemistry</i> , 2010, 49, 8495-8503.	1.9	48
104	Tetranuclear Lanthanide(III) Complexes in a Seesaw Geometry: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2014, 53, 3385-3391.	1.9	47
105	Back-bonding between an electron-poor, high-oxidation-state metal and poor $\pi$ -acceptor ligand in a uranium(v)-dinitrogen complex. <i>Nature Chemistry</i> , 2019, 11, 806-811.	6.6	47
106	Helical (Isotactic) and Syndiotactic Silver(I) Metallo-Supramolecular Coordination Polymers Assembled from a Readily Prepared Bis-Pyridylimine Ligand Containing a 1,5-Naphthalene Spacer. <i>Chemistry - A European Journal</i> , 2002, 8, 4957-4964.	1.7	46
107	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
108	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

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109	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 <a href="http://www.rsc.org/suppdata/cc/b3/b308963k/">http://www.rsc.org/suppdata/cc/b3/b308963k/</a> . <i>Chemical Communications</i> , 2003, , 2666.	2.2	45
110	Synthesis, Structural and Magnetochemical Studies of Iron Phosphonate Cages Based on {Fe <sub>3</sub> O} <sub>7</sub> +Core. <i>Inorganic Chemistry</i> , 2009, 48, 5338-5349.	1.9	45
111	Detection of ground states in frustrated molecular rings by in-field local magnetization profiles. <i>Physical Review B</i> , 2013, 87, .	1.1	45
112	Chemical tuning of the magnetic relaxation in dysprosium(III) mononuclear complexes. <i>Dalton Transactions</i> , 2014, 43, 12146-12149.	1.6	45
113	Terminal uranium(V)-nitride hydrogenations involving direct addition or Frustrated Lewis Pair mechanisms. <i>Nature Communications</i> , 2020, 11, 337.	5.8	45
114	Uranium(III)-carbon multiple bonding supported by arene $\pi$ -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018, 9, 2097.	5.8	43
115	Cyano-Bridged Heterometallic Oligonuclear Complexes and Coordination Polymers Constructed Using Tridentate Schiff-Base Ligands: Synthesis, Crystal Structures, and Magnetic and Luminescence Properties. A New Trimeric Water Cluster. <i>Crystal Growth and Design</i> , 2012, 12, 1654-1665.	1.4	42
116	Directed Synthesis of {Mn <sub>18</sub> Cu <sub>6</sub> } Heterometallic Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1949-1952.	7.2	42
117	Assessing crystal field and magnetic interactions in diuranium-1/4-chalcogenide triamidoamine complexes with U <sup>IV</sup> –E–U <sup>IV</sup> 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
118	Thorium- and uranium-azide reductions: a transient dithorium-nitride versus isolable diuranium-nitrides. <i>Chemical Science</i> , 2019, 10, 3738-3745.	3.7	42
119	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
120	Controlled Synthesis of Nanoscopic Metal Cages. <i>Journal of the American Chemical Society</i> , 2015, 137, 7644-7647.	6.6	41
121	Iron(II) Cage Complexes of N-Heterocyclic Amide and Bis(trimethylsilyl)amide Ligands: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2011, 50, 2521-2526.	1.9	39
122	[U <sup>III</sup> ]{N(SiMe <sub>2</sub> t-Bu) <sub>2</sub> } <sub>3</sub> : A Structurally Authenticated Trigonal Planar Actinide Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14579-14583.	1.7	39
123	A zig-zag uranyl(IV)–Mn(II) single chain magnet with a high relaxation barrier. <i>Chemical Communications</i> , 2015, 51, 11309-11312.	2.2	39
124	Rare-Earth and Uranium-Mesoionic Carbenes: A New Class of Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11534-11538.	7.2	39
125	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
126	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Well-Defined Cleavage and Redox Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 2950-2959.	1.7	38



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127	Uraniumâ€“Carbeneâ€“Imido Metallaâ€“Allenes: Ancillaryâ€“Ligandâ€“Controlled <i>cis</i> â€“ <i>trans</i> Isomerisation and Assessment of <i>trans</i> Influence in the $R_2C=U<sup>IV</sup>=NR_2$ Unit ( $R=Ph_2PNSiMe_3$ ); <i>Tj ETQq1 1 0.784314</i> <i>rgBT /Overflock 10</i>	1.7	37
128	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
129	Supramolecular Circular Helicates Formed by Destabilisation of Supramolecular Dimers. <i>Chemistry - A European Journal</i> , 2007, 13, 9286-9296.	1.7	36
130	Evidence of Slow Magnetic Relaxation in $Co(AcO)_2(py)_2(H_2O)_2$ . <i>Magnetochemistry</i> , 2016, 2, 23.	1.0	36
131	Synthesis, structural characterisation and magnetic studies of polymetallic iron phosphonate cages. <i>Dalton Transactions</i> , 2009, , 6166.	1.6	35
132	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
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