

Floriana Tuna

List of Publications by Year in Descending Order

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

306
papers

13,633
citations

62
h-index

103
g-index

318
ext. papers

14,987
ext. citations

7.7
avg, IF

6.42
L-index

#	Paper	IF	Citations
306	Acetylation Rather than H50Q Mutation Impacts the Kinetics of Cu(II) Binding to β -Synuclein. <i>ChemPhysChem</i> , 2021 , 22, 2380	3.2	
305	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	2.9	1
304	Self-assembly of a trigonal bipyramidal architecture with stabilisation of iron in three spin states. <i>Chemical Communications</i> , 2021 , 57, 11252-11255	5.8	1
303	Structural Investigations of β 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	3.9	
302	Acetylation Rather than H50Q Mutation Impacts the Kinetics of Cu(II) Binding to β -Synuclein. <i>ChemPhysChem</i> , 2021 , 22, 2413-2419	3.2	0
301	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	16.4	4
300	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	16.4	3
299	Rotaxane Co Complexes as Field-Induced Single-Ion Magnets. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16051-16058	16.4	6
298	The Origin of Catalytic Benzylic C-H Oxidation over a Redox-Active Metal-Organic Framework. <i>Angewandte Chemie</i> , 2021 , 133, 15371-15375	3.6	
297	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	17.4	8
296	Anomalous magnetism of uranium(IV)-oxo and -imido complexes reveals unusual doubly degenerate electronic ground states. <i>Chem</i> , 2021 , 7, 1666-1680	16.2	3
295	Rotaxane CoII Complexes as Field-Induced Single-Ion Magnets. <i>Angewandte Chemie</i> , 2021 , 133, 16187-16194	16.4	1
294	Ultra-thin g-CN/MFM-300(Fe) heterojunctions for photocatalytic aerobic oxidation of benzylic carbon centers. <i>Materials Advances</i> , 2021 , 2, 5144-5149	3.3	3
293	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	6.1	3
292	Electronic Structure of a Diiron Complex: A Multitechnique Experimental Study of [(dppf)Fe(CO)] ₂ . <i>Inorganic Chemistry</i> , 2021 , 60, 2856-2865	5.1	1
291	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	16.4	24
290	Control of zeolite microenvironment for propene synthesis from methanol. <i>Nature Communications</i> , 2021 , 12, 822	17.4	5

289	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	16.4	15
288	Evidence for ligand- and solvent-induced disproportionation of uranium(IV). <i>Nature Communications</i> , 2021 , 12, 4832	17.4	2
287	Substituent effects on through-space intervalence charge transfer in cofacial metal-organic frameworks. <i>Faraday Discussions</i> , 2021 , 231, 152-167	3.6	0
286	Reaction: Molecular Spins as Qubits. <i>Chem</i> , 2020 , 6, 799-800	16.2	1
285	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	5.1	12
284	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	6.4	15
283	Terminal uranium(V)-nitride hydrogenations involving direct addition or Frustrated Lewis Pair mechanisms. <i>Nature Communications</i> , 2020 , 11, 337	17.4	18
282	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	4.8	16
281	Quantification of the mixed-valence and intervalence charge transfer properties of a cofacial metal-organic framework single crystal electronic absorption spectroscopy. <i>Chemical Science</i> , 2020 , 11, 5213-5220	9.4	8
280	Synthesis and characterisation of light lanthanide bis-phospholyl borohydride complexes. <i>Dalton Transactions</i> , 2020 , 49, 6504-6511	4.3	4
279	Molecules as qubits, qudits and quantum gates. <i>Electron Paramagnetic Resonance</i> , 2020 , 146-187	1	2
278	Quantitative production of butenes from biomass-derived Valerolactone catalysed by hetero-atomic MFI zeolite. <i>Nature Materials</i> , 2020 , 19, 86-93	27	33
277	Quantitative Electro-Reduction of CO to Liquid Fuel over Electro-Synthesized Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17384-17392	16.4	26
276	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	5.1	3
275	Single Ion Anisotropy of CrIII and FeIII in a Series of {Ti7M} Rings. <i>Applied Magnetic Resonance</i> , 2020 , 51, 1251-1265	0.8	0
274	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	16.4	20
273	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	4.3	7
272	Electro-reduction of carbon dioxide at low over-potential at a metal-organic framework decorated cathode. <i>Nature Communications</i> , 2020 , 11, 5464	17.4	21

271	Preparation of Heterobimetallic Ketimido-Actinide-Molybdenum Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 13077-13089	5.1	6
270	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	5.1	38
269	Trapping of a Highly Bent and Reduced Form of 2-Phosphaethynolate in a Mixed-Valence Diuranium-Triamidoamine Complex. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10215-10219	16.4	16
268	A large barrier single-molecule magnet without magnetic memory. <i>Dalton Transactions</i> , 2019 , 48, 10795-10798	1.9	20
267	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. <i>Chemical Science</i> , 2019 , 10, 6886-6898	9.4	8
266	Thorium- and uranium-azide reductions: a transient dithorium-nitride isolable diuranium-nitrides. <i>Chemical Science</i> , 2019 , 10, 3738-3745	9.4	27
265	Formation of an interlocked double-chain from an organic-inorganic [2]rotaxane. <i>Chemical Communications</i> , 2019 , 55, 2960-2963	5.8	3
264	Back-bonding between an electron-poor, high-oxidation-state metal and poor π -acceptor ligand in a uranium(V)-dinitrogen complex. <i>Nature Chemistry</i> , 2019 , 11, 806-811	17.6	24
263	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019 , 10, 3330	17.4	34
262	Trapping of a Highly Bent and Reduced Form of 2-Phosphaethynolate in a Mixed-Valence Diuranium-Triamidoamine Complex. <i>Angewandte Chemie</i> , 2019 , 131, 10321-10325	3.6	7
261	A [13]rotaxane assembled via a palladium molecular capsule. <i>Nature Communications</i> , 2019 , 10, 3720	17.4	11
260	High-throughput chemical and chemoenzymatic approaches to saccharide-coated magnetic nanoparticles for MRI. <i>Nanoscale Advances</i> , 2019 , 1, 3597-3606	5.1	5
259	Photolytic and Reductive Activations of 2-Arsaethynolate in a Uranium-Triamidoamine Complex: Decarbonylative Arsenic-Group Transfer Reactions and Trapping of a Highly Bent and Reduced Form. <i>Chemistry - A European Journal</i> , 2019 , 25, 14246-14252	4.8	8
258	Transferability of the anisotropic spin model coupling parameters in a family of doped chromium-based molecular rings. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 479, 166-169	2.8	2
257	Capture of nitrogen dioxide and conversion to nitric acid in a porous metal-organic framework. <i>Nature Chemistry</i> , 2019 , 11, 1085-1090	17.6	55
256	Exploring Synthetic Routes to Heteroleptic U(III), U(IV), and Th(IV) Bulky Bis(silyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2356-2362	2.3	14
255	Anion-induced N-doping of naphthalenediimide polymer semiconductor in organic thin-film transistors. <i>Npj Flexible Electronics</i> , 2018 , 2,	10.7	26
254	Chromium chains as polydentate fluoride ligands for actinides and group IV metals. <i>Dalton Transactions</i> , 2018 , 47, 6361-6369	4.3	2

253	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6314-6318	16.4	79
252	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	16.4	60
251	Actinide-Pnictide (An-Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Pn=P, As, Sb, Bi). <i>Angewandte Chemie</i> , 2018 , 130, 1346-1350	3.6	11
250	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-Titanium Complex. <i>Angewandte Chemie</i> , 2018 , 130, 6422-6426	3.6	21
249	Heterometallic CoII-CoIII-MII alkoxido-bridged heptanuclear motifs (M = Cu, Zn). Syntheses, crystal structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2018 , 475, 98-104	2.7	2
248	Evidence of Spin Canting, Metamagnetism, Negative Coercivity and Slow Relaxation in a Two-Dimensional Network of {Mn6} Cages. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 485-492 ²⁻³	2.3	2
247	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 ^{16.4-12}	16.4	12
246	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018 , 17, 691-696	27	108
245	Actinide-Pnictide (An-Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Pn=P, As, Sb, Bi). <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1332-1336	16.4	39
244	The synthesis of a monodisperse quaternary ferrite (FeCoCrO) from the hot injection thermolysis of the single source precursor [CrCoFeO(OCBu)(HOCBu)]. <i>Dalton Transactions</i> , 2018 , 47, 376-381	4.3	6
243	Actinide-transition metal bonding in heterobimetallic uranium- and thorium-molybdenum paddlewheel complexes. <i>Chemical Communications</i> , 2018 , 54, 13515-13518	5.8	17
242	Ricinoleic Acid as a Green Alternative to Oleic Acid in the Synthesis of Doped Nanocrystals. <i>ChemistrySelect</i> , 2018 , 3, 13548-13552	1.8	1
241	Synthesis, Crystal Structures, and Magnetic Properties of New Hexanuclear MnIII2LnIII4 Complexes: SMM Behavior of the Terbium(III) Analogue. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 5191-5202 ^{2.3}	2.3	2
240	Uranium(III)-carbon multiple bonding supported by arene π -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018 , 9, 2097	17.4	23
239	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	3.6	2
238	Molecular Nanomagnets Based on f-Elements 2018 , 1-50		1
237	Synthesis and SMM behaviour of trinuclear versus dinuclear 3d-5f uranyl(v)-cobalt(ii) cation-cation complexes. <i>Dalton Transactions</i> , 2017 , 46, 5498-5502	4.3	17
236	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	4.8	31

235	In Situ Spectroelectrochemical Investigations of Rull Complexes with Bispyrazolyl Methane Triarylamine Ligands. <i>Australian Journal of Chemistry</i> , 2017 , 70, 546	1.2	1
234	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017 , 8, 14137	17.4	94
233	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. <i>Nature Communications</i> , 2017 , 8, 14212	17.4	64
232	Redox state manipulation of a tris(p-tetrazolylphenyl)amine ligand and its Mn coordination frameworks. <i>Dalton Transactions</i> , 2017 , 46, 2998-3007	4.3	6
231	Spectroelectrochemical properties of a Ru(II) complex with a thiazolo[5,4-d]thiazole triarylamine ligand. <i>New Journal of Chemistry</i> , 2017 , 41, 108-114	3.6	6
230	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	23.2	206
229	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 = Ho, Y). <i>Polyhedron</i> , 2017 , 122, 184-193	2.7	5
228	Double Reduction of 4,4'-Bipyridine and Reductive Coupling of Pyridine by Two Thorium(III) Single-Electron Transfers. <i>Chemistry - A European Journal</i> , 2017 , 23, 2290-2293	4.8	15
227	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. <i>Nature Chemistry</i> , 2017 , 9, 578-583	17.6	69
226	Redox-State Dependent Spectroscopic Properties of Porous Organic Polymers Containing Furan, Thiophene, and Selenophene. <i>Australian Journal of Chemistry</i> , 2017 , 70, 1227	1.2	2
225	High magnetic relaxivity in a fluorescent CdSe/CdS/ZnS quantum dot functionalized with MRI contrast molecules. <i>Chemical Communications</i> , 2017 , 53, 10500-10503	5.8	13
224	Dual Functionalization of Liquid-Exfoliated Semiconducting 2H-MoS ₂ with Lanthanide Complexes Bearing Magnetic and Luminescence Properties. <i>Advanced Functional Materials</i> , 2017 , 27, 1703646	15.6	20
223	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of f-Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie</i> , 2017 , 129, 11692-11696	3.6	7
222	Crystalline Diuranium Phosphinidide and Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie</i> , 2017 , 129, 10631-10636	3.6	19
221	Crystalline Diuranium Phosphinidide and Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10495-10500	16.4	54
220	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of f-Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11534-11538	16.4	28
219	A sub-Kelvin cryogen-free EPR system. <i>Journal of Magnetic Resonance</i> , 2017 , 282, 83-88	3	1
218	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. <i>Nature Communications</i> , 2017 , 8, 1898	17.4	25

217	Assessing crystal field and magnetic interactions in diuranium- μ -chalcogenide triamidoamine complexes with U-E-U 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	9.4	33
216	Gadolinium-doped magnetite nanoparticles from a single-source precursor. <i>RSC Advances</i> , 2016 , 6, 74500-74505	9.7	51
215	Heterodimers of heterometallic rings. <i>Dalton Transactions</i> , 2016 , 45, 16610-16615	4.3	6
214	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, 7270-80	5.1	24
213	Uranium-Carbene-Imido Metalla-Allenenes: Ancillary-Ligand-Controlled cis-/trans-Isomerisation and Assessment of trans Influence in the R ₂ C=U(IV)=NR' Unit (R=Ph ₂ PNSiMe ₃ ; R'=CPh ₃). <i>Chemistry - A European Journal</i> , 2016 , 22, 11559-63	4.8	27
212	Switchable Interaction in Molecular Double Qubits. <i>CheM</i> , 2016 , 1, 727-752	16.2	49
211	Symbiotic Transition-Metal and Organocatalysis for Catalytic Ambient Amine Oxidation and Alkene Reduction Reactions. <i>ChemCatChem</i> , 2016 , 8, 510-514	5.2	17
210	Tiny Ni ₂ NiO nanocrystals with exchange bias induced room temperature ferromagnetism. <i>Solid State Communications</i> , 2016 , 230, 11-15	1.6	8
209	Inter- versus Intramolecular Structural Manipulation of a Dichromium(II) Pacman Complex through Pressure Variation. <i>Inorganic Chemistry</i> , 2016 , 55, 214-20	5.1	5
208	Emergence of comparable covalency in isostructural cerium(iv)- and uranium(iv)-carbon multiple bonds. <i>Chemical Science</i> , 2016 , 7, 3286-3297	9.4	76
207	The molecular basis of polysaccharide cleavage by lytic polysaccharide monooxygenases. <i>Nature Chemical Biology</i> , 2016 , 12, 298-303	11.7	205
206	Redox tunable viologen-based porous organic polymers. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2535-2544	7.5	44
205	Making hybrid [n]-rotaxanes as supramolecular arrays of molecular electron spin qubits. <i>Nature Communications</i> , 2016 , 7, 10240	17.4	72
204	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	9.4	264
203	Evidence of Slow Magnetic Relaxation in Co(AcO) ₂ (py) ₂ (H ₂ O) ₂ . <i>Magnetochemistry</i> , 2016 , 2, 23	3.1	31
202	[CrF(O ₂ C(t)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, 8856-9	16.4	20
201	[CrF(O ₂ CtBu) 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	3.6	9
200	Oximate-bridged copper(II) compounds: syntheses, molecular structures, magnetic, thermal and spectroscopic properties. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 2329-2341	1.6	

199	A modular design of molecular qubits to implement universal quantum gates. <i>Nature Communications</i> , 2016 , 7, 11377	17.4	144
198	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016 , 7, 13773	17.4	63
197	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, 1779-88	4.8	20
196	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, 4606-15	5.1	8
195	Toward Molecular 4f Single-Ion Magnet Qubits. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5801-4	17.4	156
194	An {Fe} tetrahedral cage: building nanoscopic molecular assemblies through cyanometallate and alkoxo linkers. <i>Dalton Transactions</i> , 2016 , 45, 17610-17615	4.3	14
193	Uranium Metalla-Allenenes with Carbene Imido R ₂ C=U(IV)=NR' Units (R=Ph ₂ PNSiMe ₃ ; R'=CPh ₃): Alkali-Metal-Mediated Push-Pull Effects with an Amido Auxiliary. <i>Chemistry - A European Journal</i> , 2016 , 22, 11554-8	4.8	26
192	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015 , 6, 7492	17.4	112
191	Copper Lanthanide Phosphonate Cages: Highly Symmetric {Cu ₃ Ln ₉ P ₆ } and {Cu ₆ Ln ₆ P ₆ } Clusters with C _{3v} and D _{3h} Symmetry. <i>Inorganic Chemistry</i> , 2015 , 54, 6331-7	5.1	17
190	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold U-As bonding interactions. <i>Nature Chemistry</i> , 2015 , 7, 582-90	17.6	98
189	An Inverted-Sandwich Diuranium π -Cyclo-P Complex Supported by U-P σ -Bonding. <i>Angewandte Chemie</i> , 2015 , 127, 7174-7178	3.6	18
188	π Bond Cleavage-Assisted Lanthanide Phosphate Coordination Polymers. <i>Crystal Growth and Design</i> , 2015 , 15, 2555-2560	3.5	9
187	An Inverted-Sandwich Diuranium η (5): η (5)-Cyclo-P ₅ Complex Supported by U-P ₅ σ -Bonding. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7068-72	16.4	43
186	Directed synthesis of {Cu(II)Zn(II)} and {Cu(II)Zn(II)} heterometallic complexes. <i>Dalton Transactions</i> , 2015 , 44, 19275-81	4.3	10
185	Synthesis, structure, and magnetism of non-planar heptanuclear lanthanide(III) complexes. <i>Dalton Transactions</i> , 2015 , 44, 1142-9	4.3	14
184	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15250-4	16.4	40
183	Catalytic Amine Oxidation under Ambient Aerobic Conditions: Mimicry of Monoamine Oxidase B. <i>Angewandte Chemie</i> , 2015 , 127, 9125-9128	3.6	18
182	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015 , 127, 15465-15469	16.4	40

181	Catalytic Amine Oxidation under Ambient Aerobic Conditions: Mimicry of Monoamine Oxidase B. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8997-9000	16.4	43
180	Engineering coherent interactions in molecular nanomagnet dimers. <i>Npj Quantum Information</i> , 2015 , 1,	8.6	79
179	Heterometallic Fe ₂ (II)-U(V) and Ni ₂ (II)-U(V) Exchange-Coupled Single-Molecule Magnets: Effect of the 3d Ion on the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 18038-42	4.8	21
178	A zig-zag uranyl(V)-Mn(II) single chain magnet with a high relaxation barrier. <i>Chemical Communications</i> , 2015 , 51, 11309-12	5.8	37
177	Systematic Study of a Family of Butterfly-Like {M ₂ Ln ₂ } Molecular Magnets (M = Mg(II), Mn(III), Co(II), Ni(II), and Cu(II); Ln = Y(III), Gd(III), Tb(III), Dy(III), Ho(III), and Er(III)). <i>Inorganic Chemistry</i> , 2015 , 54, 5930-41	5.1	87
176	Controlled Synthesis of Nanoscopic Metal Cages. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7644-7	16.4	38
175	Hexanuclear 3d ^{4f} Neutral Coll ₂ Ln _{III} ₄ Clusters: Synthesis, Structure, and Magnetism. <i>Crystal Growth and Design</i> , 2015 , 15, 3157-3165	3.5	28
174	Triamidoamine-uranium(IV)-stabilized terminal parent phosphide and phosphinidene complexes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4484-8	16.4	114
173	Synthesis, characterization, and reactivity of a uranium(VI) carbene imido oxo complex. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6696-700	16.4	89
172	A uranium-based UO ₂ (+)-Mn ²⁺ single-chain magnet assembled through cation-cation interactions. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 819-23	16.4	86
171	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	9.6	45
170	Coherent electron spin manipulation in a dilute oriented ensemble of molecular nanomagnets: pulsed EPR on doped single crystals. <i>Chemical Communications</i> , 2014 , 50, 91-3	5.8	41
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32	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, 9695-9	16.4	47
31	Octa-, Deca-, Trideca-, and Tetradecanuclear Heterometallic Cyclic Chromium-Copper Cages. <i>Angewandte Chemie</i> , 2008 , 120, 938-941	3.6	13
30	Heterometallic Rings Made From Chromium Stick Together Easily. <i>Angewandte Chemie</i> , 2008 , 120, 9827-9830	3.6	8
29	Supertetrahedral and Bi-supertetrahedral Cages: Synthesis, Structures, and Magnetic Properties of Deca- and Enneadecametallic Cobalt(II) Clusters. <i>Angewandte Chemie</i> , 2008 , 120, 9841-9845	3.6	9
28	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	2.7	36
27	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	2.7	90
26	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	2.7	10
25	Vanadium(III) phosphonate cage complexes. <i>Journal of Molecular Structure</i> , 2008 , 890, 157-162	3.4	13
24	Large spin, magnetically anisotropic, octametallc vanadium(iii) clusters with strong ferromagnetic coupling. <i>Chemical Communications</i> , 2007 , 5161-3	5.8	11
23	Synthesis and Characterization of Some Novel Homo- and Hetero-Diradicals of Hydrazyl and Nitroxide Type. <i>Australian Journal of Chemistry</i> , 2007 , 60, 173	1.2	5
22	A series of nickel phosphonate-carboxylate cages. <i>Chemical Communications</i> , 2007 , 5185-7	5.8	64
21	Supramolecular Dimers and Chains Resulting from Second Coordination Sphere Interactions. <i>Crystal Growth and Design</i> , 2007 , 7, 1825-1831	3.5	53
20	Supramolecular circular helicates formed by destabilisation of supramolecular dimers. <i>Chemistry - A European Journal</i> , 2007 , 13, 9286-96	4.8	34

19	Synthesis of molecular vanadium(III) phosphonates. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5568-71	16.4	83
18	Synthesis of Molecular Vanadium(III) Phosphonates. <i>Angewandte Chemie</i> , 2007 , 119, 5664-5667	3.6	9
17	Single molecule magnets for quantum computation. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 2999-3004	9.8	98
16	Studies of an Fe ₉ tridiminished icosahedron. <i>Chemistry - A European Journal</i> , 2006 , 12, 8961-8	4.8	56
15	Readily prepared metallo-supramolecular triple helicates designed to exhibit spin-crossover behaviour. <i>Chemistry - A European Journal</i> , 2004 , 10, 5737-50	4.8	81
14	Binding sites on the outside of metallo-supramolecular architectures; engineering coordination polymers from discrete architectures. <i>Dalton Transactions</i> , 2004 , 1546-55	4.3	35
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12	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	2.7	43
11	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	3.1	10
10	Crystal structure and magnetic properties of [Co(H ₂ O) ₂] ₂ [Mo(CN) ₈] ₄ ·4 H ₂ O, a three-dimensional cyanide-bridged bimetallic compound. <i>Comptes Rendus Chimie</i> , 2003 , 6, 377-383	2.7	26
9	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	4.3	59
8	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	4.3	22
7	Aggregation of metallo-supramolecular architectures by metallo-assembled hydrogen bonding sites. <i>Chemical Communications</i> , 2003 , 2666-7	5.8	42
6	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, 4957-64	4.8	41
5	Magnetic and spectral properties of two five-coordinate Lewis-base adducts of cobalt(II) Schiff-base complexes with a N ₃ O ₂ ligand environment. <i>Polyhedron</i> , 2000 , 19, 1643-1648	2.7	16
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