

# Alexander J Blake

## List of Publications by Year in descending order

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1,014  
papers

41,429  
citations

2832

97  
h-index

7043

159  
g-index

1091  
all docs

1091  
docs citations

1091  
times ranked

23628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inorganic crystal engineering using self-assembly of tailored building-blocks. <i>Coordination Chemistry Reviews</i> , 1999, 183, 117-138.	9.5	1,675
2	Supramolecular design of one-dimensional coordination polymers based on silver(I) complexes of aromatic nitrogen-donor ligands. <i>Coordination Chemistry Reviews</i> , 2001, 222, 155-192.	9.5	1,129
3	High Capacity Hydrogen Adsorption in Cu(II) Tetracarboxylate Framework Materials: The Role of Pore Size, Ligand Functionalization, and Exposed Metal Sites. <i>Journal of the American Chemical Society</i> , 2009, 131, 2159-2171.	6.6	723
4	High H <sub>2</sub> Adsorption by Coordination-Framework Materials. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7358-7364.	7.2	692
5	Anion Control in Bipyridylsilver(I) Networks: A Helical Polymeric Array. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2327-2329.	4.4	473
6	Selectivity and direct visualization of carbon dioxide and sulfur dioxide in a decorated porous host. <i>Nature Chemistry</i> , 2012, 4, 887-894.	6.6	466
7	OLEX: new software for visualization and analysis of extended crystal structures. <i>Journal of Applied Crystallography</i> , 2003, 36, 1283-1284.	1.9	447
8	A partially interpenetrated metal-organic framework for selective hysteretic sorption of carbon dioxide. <i>Nature Materials</i> , 2012, 11, 710-716.	13.3	430
9	Cation-induced kinetic trapping and enhanced hydrogen adsorption in a modulated anionic metal-organic framework. <i>Nature Chemistry</i> , 2009, 1, 487-493.	6.6	375
10	Chemistry of Thioether Macrocyclic Complexes. <i>Advances in Inorganic Chemistry</i> , 1990, 35, 1-80.	0.4	369
11	Exceptional Thermal Stability in a Supramolecular Organic Framework: Porosity and Gas Storage. <i>Journal of the American Chemical Society</i> , 2010, 132, 14457-14469.	6.6	369
12	Solvent Control in the Synthesis of 3,6-Bis(pyridin-3-yl)-1,2,4,5-tetrazine-Bridged Cadmium(II) and Zinc(II) Coordination Polymers. <i>Inorganic Chemistry</i> , 1999, 38, 2259-2266.	1.9	329
13	Exceptionally high H <sub>2</sub> storage by a metal-organic polyhedral framework. <i>Chemical Communications</i> , 2009, , 1025.	2.2	316
14	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
15	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
16	A delocalized arene-bridged diuranium single-molecule magnet. <i>Nature Chemistry</i> , 2011, 3, 454-460.	6.6	299
17	A Porous Framework Polymer Based on a Zinc(II) 4,4'-Bipyridine-2,6,2',6'-tetracarboxylate: Synthesis, Structure, and Zeolite-Like Behaviors. <i>Journal of the American Chemical Society</i> , 2006, 128, 10745-10753.	6.6	296
18	A Robust Binary Supramolecular Organic Framework (SOF) with High CO <sub>2</sub> Adsorption and Selectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 12828-12831.	6.6	287

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19	Metal-Organic Polyhedral Frameworks: High $H_2$ Adsorption Capacities and Neutron Powder Diffraction Studies. <i>Journal of the American Chemical Society</i> , 2010, 132, 4092-4094.	6.6	281
20	Studies on Metal-Organic Frameworks of Cu(II) with Isophthalate Linkers for Hydrogen Storage. <i>Accounts of Chemical Research</i> , 2014, 47, 296-307.	7.6	261
21	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
22	Lanthanum Coordination Networks Based on Unusual Five-Connected Topologies. <i>Journal of the American Chemical Society</i> , 2001, 123, 3401-3402.	6.6	230
23	High capacity gas storage by a 4,8-connected metal-organic polyhedral framework. <i>Chemical Communications</i> , 2011, 47, 4487.	2.2	220
24	Twelve-connected porous metal-organic frameworks with high $H_2$ adsorption. <i>Chemical Communications</i> , 2007, , 840-842.	2.2	219
25	Selective Adsorption of Sulfur Dioxide in a Robust Metal-Organic Framework Material. <i>Advanced Materials</i> , 2016, 28, 8705-8711.	11.1	214
26	Topological isomerism in coordination polymers. <i>Chemical Communications</i> , 2001, , 1432-1433.	2.2	213
27	Asymmetric lithium(i) and copper(ii) alkoxy-N-heterocyclic carbene complexes; crystallographic characterisation and Lewis acid catalysis Electronic supplementary information (ESI) available: full synthetic and structural details. See <a href="http://www.rsc.org/suppdata/cc/b4/b404614e/">http://www.rsc.org/suppdata/cc/b4/b404614e/</a> . <i>Chemical Communications</i> , 2004, , 1612.	2.2	213
28	Studies of a Nickel-Based Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2002, 8, 4867-4876.	1.7	194
29	In situ ligand synthesis and construction of an unprecedented three-dimensional array with silver(i): a new approach to inorganic crystal engineering. <i>Chemical Communications</i> , 1997, , 1675-1676.	2.2	189
30	Multi-modal bridging ligands; effects of ligand functionality, anion and crystallisation solvent in silver(I) co-ordination polymers. <i>Dalton Transactions RSC</i> , 2000, , 3811-3819.	2.3	184
31	Anionic Amido N-Heterocyclic Carbenes: Synthesis of Covalently Tethered Lanthanide-Carbene Complexes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5981-5984.	7.2	179
32	Structure Analysis Restrained by ab Initio Calculations: The Molecular Structure of 2,5-Dichloropyrimidine in Gaseous and Crystalline Phases. <i>The Journal of Physical Chemistry</i> , 1996, 100, 12280-12287.	2.9	178
33	Non-Natural Eight-Connected Solid-State Materials: A New Coordination Chemistry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1851-1854.	7.2	176
34	Catalytic Phosphorus(V)-Mediated Nucleophilic Substitution Reactions: Development of a Catalytic Appel Reaction. <i>Journal of Organic Chemistry</i> , 2011, 76, 6749-6767.	1.7	169
35	Template self-assembly of polyiodide networks. <i>Chemical Society Reviews</i> , 1998, 27, 195.	18.7	166
36	Control of interpenetrating copper(i) adamantoid networks: synthesis and structure of $\{[Cu(bpe)_2]BF_4\}_n$ . <i>Chemical Communications</i> , 1997, , 1005-1006.	2.2	164

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37	Enhancement of H <sub>2</sub> adsorption in Li-exchanged co-ordination framework materials. <i>Chemical Communications</i> , 2008, , 6108.	2.2	164
38	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a [R<sub>2</sub>C=U=O]<sup>2+</sup> Analogue of the [O=U=O]<sup>2+</sup> Uranyl Ion (R = Ph<sub>2</sub>PNSiMe<sub>3</sub>), and Comparison of the Nature of U<sup>IV</sup>=C, U<sup>V</sup>=C, and U<sup>VI</sup>=C Double Bonds. <i>Journal of the American Chemical Society</i> , 2012, 134, 10047-10054.	6.6	163
39	Lanthanide co-ordination frameworks of 4,4'-bipyridine-N,N'-dioxide. <i>Chemical Communications</i> , 2000, , 1369-1370.	2.2	162
40	Unprecedented Seven- and Eight-Connected Lanthanide Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2443-2447.	7.2	162
41	Synthesis of benzimidazoles in high-temperature water This work was presented at the Green Solvents for Catalysis Meeting held in Bruchsal, Germany, 13-16th October 2002. Electronic supplementary information (ESI) available: analytical data for compounds 3a-f and 5g-j. See <a href="http://www.rsc.org/suppdata/gclb2/b212394kl">http://www.rsc.org/suppdata/gclb2/b212394kl</a> . <i>Green Chemistry</i> , 2003, 5, 187-192.	4.6	161
42	Modulation of the electronic structure and the Ni-Fe distance in heterobimetallic models for the active site in [NiFe]hydrogenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18280-18285.	3.3	158
43	Rectangular grid two-dimensional sheets of copper(II) bridged by both co-ordinated and hydrogen bonded 4,4'-bipyridine (4,4'-bipy) in [Cu(1/4-4,4'-bipy)(H <sub>2</sub> O) <sub>2</sub> (F <sub>3</sub> B) <sub>2</sub> ]-4,4'-bipy. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 913-914.	1.7	157
44	Anion Control over Interpenetration and Framework Topology in Coordination Networks Based on Homoleptic Six-Connected Scandium Nodes. <i>Chemistry - A European Journal</i> , 2005, 11, 1384-1391.	1.7	157
45	Highly porous and robust scandium-based metal-organic frameworks for hydrogen storage. <i>Chemical Communications</i> , 2011, 47, 8304.	2.2	156
46	Controlling copper(I) halide framework formation using N-donor bridging ligand symmetry: use of 1,3,5-triazine to construct architectures with threefold symmetry. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2103-2110.	1.1	152
47	Homologation and functionalization of carbon monoxide by a recyclable uranium complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9265-9270.	3.3	151
48	Chelating alkoxy-N-heterocyclic carbene complexes of silver and copper. <i>Chemical Communications</i> , 2001, , 2340-2341.	2.2	150
49	Bifunctional yttrium(III) and titanium(IV) NHC catalysts for lactide polymerisation. <i>Chemical Communications</i> , 2006, , 1124.	2.2	150
50	Symmetric Lanthanide Tris(alkoxide) Complexes Formed by Preferential Complexation and Their Stereoselective Polymerization of Lactide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6033-6036.	7.2	150
51	Schiff-base compartmental macrocyclic complexes. <i>Chemical Communications</i> , 1996, , 457-464.	2.2	147
52	Photoreactivity examined through incorporation in metal-organic frameworks. <i>Nature Chemistry</i> , 2010, 2, 688-694.	6.6	137
53	π and σ-Donation in an Unsupported Uranium-Gallium Bond. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1077-1080.	7.2	136
54	Polycatenated copper(I) molecular ladders: a new structural motif in inorganic coordination polymers. <i>Chemical Communications</i> , 1997, , 2027-2028.	2.2	133

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55	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
56	Uranium-Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene $[U\{C(PPH)_2NSiMe_3\}_2](Cl)_2(I)]$ and Comparison of $U^{V}\text{-}C$ and $U^{IV}\text{-}C$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2383-2386.	7.2	132
57	A Formal High Oxidation State Inverse-Sandwich Diuranium Complex: A New Route to f-Block-Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10388-10392.	7.2	132
58	Structural isomerism in CuSCN coordination polymers. <i>Chemical Communications</i> , 2002, , 1640-1641.	2.2	130
59	Selective Oxo Functionalization of the Uranyl Ion with 3d Metal Cations. <i>Journal of the American Chemical Society</i> , 2006, 128, 9610-9611.	6.6	130
60	A mesoporous metal-organic framework constructed from a nanosized C <sub>3</sub> -symmetric linker and [Cu <sub>24</sub> (isophthalate) <sub>24</sub> ] cuboctahedra. <i>Chemical Communications</i> , 2011, 47, 9995.	2.2	130
61	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	7.2	130
62	Constructing Terbium Co-ordination Polymers of 4,4'-Bipyridine-N,N'-dioxide by Means of Diffusion Solvent Mixtures. <i>Chemistry - A European Journal</i> , 2002, 8, 2026-2033.	1.7	129
63	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	5.8	128
64	Columnar Mesomorphism from Hemi-Disklike Metallomesogens Derived from 2,6-Bis[3,4,5-tri(alkoxy)phenyliminomethyl]pyridines (L): Crystal and Molecular Structures of [M(L)Cl <sub>2</sub> ] (M=Mn, Ni, Zn). <i>Chemistry - A European Journal</i> , 2003, 9, 2484-2501.	1.7	127
65	Synthesis of a chiral adamantoid network—the role of solvent in the construction of new coordination networks with silver(I). <i>Chemical Communications</i> , 2000, , 665-666.	2.2	126
66	Polyamine-based anion receptors: Extraction and structural studies. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2987-3003.	9.5	126
67	Long-range chain orientation in 1-D co-ordination polymers as a function of anions and intermolecular aromatic interactions. <i>Dalton Transactions RSC</i> , 2000, , 4285-4291.	2.3	123
68	Modulating the packing of [Cu <sub>24</sub> (isophthalate) <sub>24</sub> ] cuboctahedra in a triazole-containing metal-organic polyhedral framework. <i>Chemical Science</i> , 2013, 4, 1731.	3.7	123
69	Irreversible Network Transformation in a Dynamic Porous Host Catalyzed by Sulfur Dioxide. <i>Journal of the American Chemical Society</i> , 2013, 135, 4954-4957.	6.6	123
70	Novel Metal-Organic Frameworks Derived from Group II Metal Cations and Aryldicarboxylate Anionic Ligands. <i>Crystal Growth and Design</i> , 2008, 8, 911-922.	1.4	122
71	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
72	The synthesis, structure and magnetic properties of a cyclic dodecanuclear nickel complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2363.	2.0	120

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73	Rhodium Carbene Routes to Oxazoles and Thiazoles. Catalyst Effects in the Synthesis of Oxazole and Thiazole Carboxylates, Phosphonates, and Sulfones. <i>Journal of Organic Chemistry</i> , 2010, 75, 152-161.	1.7	119
74	Analysis of High and Selective Uptake of CO <sub>2</sub> in an Oxamide-Containing {Cu <sub>2</sub> (OOCR) <sub>4</sub> } <sub>n</sub> -Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7317-7324.	1.7	119
75	Dynamic Equilibria in Solvent-Mediated Anion, Cation and Ligand Exchange in Transition-Metal Coordination Polymers: Solid-State Transfer or Recrystallisation?. <i>Chemistry - A European Journal</i> , 2009, 15, 8861-8873.	1.7	118
76	Selective CO <sub>2</sub> uptake and inverse CO <sub>2</sub> /C <sub>2</sub> H <sub>2</sub> selectivity in a dynamic bifunctional metal-organic framework. <i>Chemical Science</i> , 2012, 3, 2993.	3.7	117
77	Triggered Ligand Release Coupled to Framework Rearrangement: Generating Crystalline Porous Coordination Materials. <i>Inorganic Chemistry</i> , 2006, 45, 8838-8840.	1.9	116
78	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
79	Enhancement of H <sub>2</sub> Adsorption in Coordination Framework Materials by Use of Ligand Curvature. <i>Chemistry - A European Journal</i> , 2009, 15, 4829-4835.	1.7	112
80	Synthesis and imido-group exchange reactions of tert-butylimidotitanium complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1549-1558.	1.1	109
81	Regioselective C-H Activation and Sequential C-C and C-O Bond Formation Reactions of Aryl Ketones Promoted by an Yttrium Carbene. <i>Journal of the American Chemical Society</i> , 2010, 132, 14379-14381.	6.6	108
82	A phenoxyl radical complex of copper(ii). <i>Chemical Communications</i> , 2001, , 1824-1825.	2.2	107
83	Stereoselective Association of Binuclear Metallacycles in Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2003, 125, 6753-6761.	6.6	106
84	Crystal engineering: the effects of π-π interactions in copper(i) and silver(i) complexes of 2,7-diazapyrene. <i>Chemical Communications</i> , 1997, , 1339-1340.	2.2	104
85	Non-Interpenetrated Metal-Organic Frameworks Based on Copper(II) Paddlewheel and Oligoparaxylene-Isophthalate Linkers: Synthesis, Structure, and Gas Adsorption. <i>Journal of the American Chemical Society</i> , 2016, 138, 3371-3381.	6.6	104
86	Structural and electrochemical studies on trithia macrocyclic complexes of palladium. <i>Journal of Organometallic Chemistry</i> , 1987, 323, 261-270.	0.8	103
87	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
88	Self-Assembly of Polyanions at a Metal Cation Template: Syntheses and Structures of [Ag([18]aneS6)] <sub>7</sub> <sup>n</sup> and [Ag([18]aneS6)] <sub>13</sub> . <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2374-2376.	4.4	102
89	Cycloaddition reactions of titanium and zirconium imido, oxo and hydrazido complexes supported by tetraaza macrocyclic ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 379-392.	1.1	102
90	Assembly of a Three-Dimensional Polyknotted Coordination Polymer. <i>Journal of the American Chemical Society</i> , 2000, 122, 4044-4046.	6.6	102

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91	Uranyl Complexation by a Schiff-Base, Polypyrrrolic Macrocyclic. Inorganic Chemistry, 2004, 43, 8206-8208.	1.9	100
92	A unique example of a 36 tessellated 2-D net based on a tri-nuclear zinc(ii)-1,4-benzenedicarboxylate framework. Chemical Communications, 2005, , 5435.	2.2	100
93	Lanthanide tri-benzyl complexes: structural variations and useful precursors to phosphorus-stabilised lanthanide carbenes. Dalton Transactions, 2010, 39, 500-510.	1.6	100
94	Magnetic and Structural Studies of Copper-Lanthanoid Complexes; the Synthesis and Structures of New Cu <sub>3</sub> Ln Complexes of 6-Chloro-2-Pyridone (Ln = Gd, Dy and Er) and Magnetic Studies on Cu <sub>2</sub> Gd <sub>2</sub> , Cu <sub>4</sub> Gd <sub>2</sub> and Cu <sub>3</sub> Gd Complexes. Chemistry - A European Journal, 1995, 1, 614-618.	1.7	99
95	Copper(I) iodide coordination networks—controlling the placement of (Cu) ladders and chains within two-dimensional sheets. Crystal Engineering, 1999, 2, 181-195.	0.7	99
96	The Nature of the U≡C Double Bond: Pushing the Stability of High-Oxidation-State Uranium Carbenes to the Limit. Chemistry - A European Journal, 2013, 19, 7071-7083.	1.7	99
97	Porous Metal-Organic Polyhedral Frameworks with Optimal Molecular Dynamics and Pore Geometry for Methane Storage. Journal of the American Chemical Society, 2017, 139, 13349-13360.	6.6	99
98	A phenol-imidazole pro-ligand that can exist as a phenoxyl radical, alone and when complexed to copper(ii) and zinc(ii). Dalton Transactions, 2003, , 1975-1985.	1.6	98
99	Innovative Molecular Design Strategies in Materials Science Following the Auophilicity Concept. Chemical Reviews, 2020, 120, 7551-7591.	23.0	98
100	Copper(I) halide supramolecular networks linked by N-heterocyclic donor bridging ligands. Pure and Applied Chemistry, 1998, 70, 2351-2357.	0.9	97
101	Parallel interpenetration in novel herringbone sheets formed by Co(II) and Cd(II) complexes with trans-4,4'-azobis(pyridine). New Journal of Chemistry, 1999, 23, 573-575.	1.4	97
102	Poly-orthophenylenes: Synthesis by Suzuki coupling and solid state helical structures. Tetrahedron Letters, 1998, 39, 9093-9096.	0.7	95
103	Dioxygen Reduction at Dicobalt Complexes of a Schiff Base Calixpyrrole Ligand. Angewandte Chemie - International Edition, 2007, 46, 584-586.	7.2	95
104	The role of 5f-orbital participation in unexpected inversion of the f-bond metathesis reactivity trend of triamidoamine thorium (<math>\text{Th}(\text{N}(\text{R})_2)_3</math>) and uranium (<math>\text{U}(\text{N}(\text{R})_2)_3</math>) alkyls. Chemical Science, 2014, 5, 2489-2497.	3.7	94
105	$\pi$ -Donor Bonds in SiON Units: An Inherent Structure- Determining Property Leading to (4+) Tj ETQq1 1 0.784314 rgBT /Overlock 100% Society, 1997, 119, 4143-4148.	6.6	93
106	Enantioselective Reduction of Prochiral Ketones by Catecholborane Catalysed by Chiral Group 13 Complexes. Chemistry - A European Journal, 2000, 6, 3586-3594.	1.7	93
107	Water Superstructures within Organic Arrays; Hydrogen-Bonded Water Sheets, Chains and Clusters. Chemistry - A European Journal, 2005, 11, 4643-4654.	1.7	93
108	A Cerium(IV)-Carbon Multiple Bond. Angewandte Chemie - International Edition, 2013, 52, 13016-13019.	7.2	91

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109	Two- $\pi$ -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
110	Synthesis of Polyprenylated Acylphloroglucinols Using Bridgehead Lithiation: The Total Synthesis of Racemic Clusianone and a Formal Synthesis of Racemic Garsubellin A. <i>Journal of Organic Chemistry</i> , 2007, 72, 4803-4815.	1.7	90
111	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
112	Stabilisation of trivalent platinum by structurally accommodating thiamacrocycles. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 118-120.	2.0	87
113	Using multimodal ligands to influence network topology in silver(I) coordination polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4905-4910.	3.3	87
114	Synthesis and structure of [U{C(PPH2NMe)2}2] (Mes = 2,4,6-Me3C6H2): A homoleptic uranium bis(carbene) complex with two formal U=C double bonds. <i>Dalton Transactions</i> , 2010, 39, 5074.	1.6	85
115	Stabilisation of mononuclear palladium(III). The single crystal X-ray structure of the [Pd(L)2]3+cation (L = 1,4,7-trithiacyclononane). <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 987-988.	2.0	84
116	Template Assembly of Metal Aggregates by Imino-Carboxylate Ligands. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1915-1918.	7.2	84
117	A biporous coordination framework with high H2 storage density. <i>Chemical Communications</i> , 2008, , 359-361.	2.2	84
118	Multi-Dimensional Transition-Metal Coordination Polymers of 4,4'-Bipyridine-dioxide: 1D Chains and 2D Sheets. <i>Inorganic Chemistry</i> , 2008, 47, 8652-8664.	1.9	84
119	Self-Assembly of Metal-Organic Coordination Polymers Constructed from a Bent Dicarboxylate Ligand: Diversity of Coordination Modes, Structures, and Gas Adsorption. <i>Inorganic Chemistry</i> , 2009, 48, 11067-11078.	1.9	84
120	Pore with Gate: Enhancement of the Isosteric Heat of Adsorption of Dihydrogen via Postsynthetic Cation Exchange in Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2011, 50, 9374-9384.	1.9	84
121	Discrete molecular and extended polymeric copper(I) halide complexes of tetradentate thioether macrocycles. <i>Dalton Transactions RSC</i> , 2001, , 456-465.	2.3	83
122	Heterometallic Compounds Involving d- and f-Block Elements: Synthesis, Structure, and Magnetic Properties of Two New LnxCu4 Complexes. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1139-1141.	4.4	82
123	Control of Copper(I) Iodide Architectures by Ligand Design: Angular versus Linear Bridging Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 6179-6187.	1.9	82
124	Controlled Assembly of Dinuclear Metallacycles into a Three-Dimensional Helical Array. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2317-2320.	7.2	81
125	Phenoxy radicals: H-bonded and coordinated to Cu(II) and Zn(II). <i>Dalton Transactions</i> , 2006, , 258-267.	1.6	79
126	Tetravalent cerium carbene complexes. <i>Chemical Communications</i> , 2007, , 5037.	2.2	79

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127	Structures and H <sub>2</sub> Adsorption Properties of Porous Scandium Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2010, 16, 13671-13679.	1.7	77
128	Unprecedented bilayer topologies in 5- and 6-connected framework polymers. <i>Chemical Communications</i> , 2004, , 1792-1793.	2.2	76
129	Piperazine silicate (EU 19): the structure of a very small crystal determined with synchrotron radiation. <i>Acta Crystallographica Section B: Structural Science</i> , 1988, 44, 73-77.	1.8	75
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449	The synthesis and low-temperature single crystal X-ray structure of the charge-transfer complex $(\text{[9]aneS}_3)_2(\text{I}_2)4(\text{[9]aneS}_3 = 1,4,7\text{-trithiacyclononane})$ . <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1191-1193.	2.0	21
450	Exploiting steric shielding: Tuning terpenoid-derived oxazolidin-2-ones as chiral auxiliaries for the Diels-Alder reaction. <i>Tetrahedron Letters</i> , 1994, 35, 489-492.	0.7	21

#	ARTICLE	IF	CITATIONS
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452	Novel bonding modes in metallo-dithiadiazolyl complexes: preparation and crystal structures of [Pt(SNCPhNS-S,S)(PPh <sub>3</sub> ) <sub>2</sub> ]-MeCN and [Pt <sub>3</sub> (μ-SNCPhNS-S,S) <sub>2</sub> (PPh <sub>3</sub> ) <sub>4</sub> ]-2PhMe. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1779-1780.	2.0	21
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454	Synthesis and Full Characterisation of the First Discrete Binuclear Complex Featuring a Two-Electron (f) <sup>1/2</sup> -f <sup>1/2</sup> Bridging Cyanide. <i>Chemistry - A European Journal</i> , 1999, 5, 1987-1991.	1.7	21
455	Structural influence of cis and trans coordination modes of multi-modal ligands upon coordination polymer dimensionality. <i>Dalton Transactions</i> , 2003, , 3838.	1.6	21
456	The imide tautomer of sulfasalazine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, o226-o228.	0.4	21
457	Metal-directed columnar phase formation in tetrahedral zinc(ii) and manganese(ii) metallomesogens. <i>New Journal of Chemistry</i> , 2008, 32, 297-305.	1.4	21
458	Preparation of 1,1'-Oxy-bis(3,3-bis(trifluoromethyl)-3-(1 <i>H</i> )-1,2-benziodoxole) and 2-( <i>N</i> -( <i>p</i> -Toluenesulfonyl)imino)iodobenzylmethyl Ether. <i>Synthetic Communications</i> , 2009, 39, 1065-1075.	1.1	21
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462	Gas-phase pyrolysis of 1-(2-azidophenyl)imidazole. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1605-1608.	0.9	20
463	exo-Binding of Na <sup>+</sup> between two fused calix[4]arenes and endo binding of Na <sup>+</sup> within the calix[4]arene cones in the disodium salt of 1,3-dimethyl ether <i>p</i> -tert-butylcalix[4]arene. <i>Chemical Communications</i> , 1997, , 1603-1604.	2.2	20
464	Metal-mediated formation of liquid crystals: synthesis, structural and thermal analysis of palladium(ii) complexes of crown thioether derivatives Electronic supplementary information (ESI) available: Figs. 1-3 with full captions, Fig. 4: view of the packing of [Pd(7)][BF <sub>4</sub> ] <sub>2</sub> . Fig. 5: schematic of undulating layers in [Pd(7)][BF <sub>4</sub> ] <sub>2</sub> . See <a href="http://www.rsc.org/suppdata/cc/b1/b107027b/">http://www.rsc.org/suppdata/cc/b1/b107027b/</a> . <i>Chemical Communications</i> , 2001, , 2580-2581.	2.2	20
465	Formation of nickel-thiolate aggregates via reaction with CH <sub>2</sub> Cl <sub>2</sub> . <i>Chemical Communications</i> , 2003, , 2776-2777.	2.2	20
466	Diastereoselective Reductive Nitro-Mannich Reactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 4711-4724.	1.7	20
467	Heterometallic gold(i)-thallium(i) compounds with crown thioethers. <i>Dalton Transactions</i> , 2013, 42, 11559.	1.6	20
468	<sup>14</sup> N nuclear quadrupole coupling in cyclic amides and thioamides. Ab initio simulations of the solid state environment as interpretation of the NQR spectra of 2-pyridinone, isatin and benzothiazole-2-one. A new x-ray structure for isatin. <i>Chemical Physics</i> , 1987, 115, 219-227.	0.9	19

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470	Ruthenium thioether chemistry: the synthesis and structure of a host-guest complex [Ru([9]aneS3) <sub>2</sub> ][BPh4] <sub>2</sub> ·2Me <sub>2</sub> SO, and of [Ru([9]aneS3) <sub>2</sub> ][BPh4] <sub>2</sub> ·2MeNO <sub>2</sub> and [Ru([18]aneS6)][BPh4] <sub>2</sub> ·[9]aneS3=1,4,7-trithiacyclononane, [18]aneS6=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 607 Td (1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52,55,58,61,64,67,70,73,76,79,82,85,88,91,94,97,100,103,106,109,112,115,118,121,124,127,130,133,136,139,142,145,148,151,154,157,160,163,166,169,172,175,178,181,184,187,190,193,196,199,202,205,208,211,214,217,220,223,226,229,232,235,238,241,244,247,250,253,256,259,262,265,268,271,274,277,280,283,286,289,292,295,298,301,304,307,310,313,316,319,322,325,328,331,334,337,340,343,346,349,352,355,358,361,364,367,370,373,376,379,382,385,388,391,394,397,400,403,406,409,412,415,418,421,424,427,430,433,436,439,442,445,448,451,454,457,460,463,466,469,472,475,478,481,484,487,490,493,496,499,502,505,508,511,514,517,520,523,526,529,532,535,538,541,544,547,550,553,556,559,562,565,568,571,574,577,580,583,586,589,592,595,598,601,604,607,610,613,616,619,622,625,628,631,634,637,640,643,646,649,652,655,658,661,664,667,670,673,676,679,682,685,688,691,694,697,700,703,706,709,712,715,718,721,724,727,730,733,736,739,742,745,748,751,754,757,760,763,766,769,772,775,778,781,784,787,790,793,796,799,802,805,808,811,814,817,820,823,826,829,832,835,838,841,844,847,850,853,856,859,862,865,868,871,874,877,880,883,886,889,892,895,898,901,904,907,910,913,916,919,922,925,928,931,934,937,940,943,946,949,952,955,958,961,964,967,970,973,976,979,982,985,988,991,994,997,1000,1003,1006,1009,1012,1015,1018,1021,1024,1027,1030,1033,1036,1039,1042,1045,1048,1051,1054,1057,1060,1063,1066,1069,1072,1075,1078,1081,1084,1087,1090,1093,1096,1099,1102,1105,1108,1111,1114,1117,1120,1123,1126,1129,1132,1135,1138,1141,1144,1147,1150,1153,1156,1159,1162,1165,1168,1171,1174,1177,1180,1183,1186,1189,1192,1195,1198,1201,1204,1207,1210,1213,1216,1219,1222,1225,1228,1231,1234,1237,1240,1243,1246,1249,1252,1255,1258,1261,1264,1267,1270,1273,1276,1279,1282,1285,1288,1291,1294,1297,1300,1303,1306,1309,1312,1315,1318,1321,1324,1327,1330,1333,1336,1339,1342,1345,1348,1351,1354,1357,1360,1363,1366,1369,1372,1375,1378,1381,1384,1387,1390,1393,1396,1399,1402,1405,1408,1411,1414,1417,1420,1423,1426,1429,1432,1435,1438,1441,1444,1447,1450,1453,1456,1459,1462,1465,1468,1471,1474,1477,1480,1483,1486,1489,1492,1495,1498,1501,1504,1507,1510,1513,1516,1519,1522,1525,1528,1531,1534,1537,1540,1543,1546,1549,1552,1555,1558,1561,1564,1567,1570,1573,1576,1579,1582,1585,1588,1591,1594,1597,1600,1603,1606,1609,1612,1615,1618,1621,1624,1627,1630,1633,1636,1639,1642,1645,1648,1651,1654,1657,1660,1663,1666,1669,1672,1675,1678,1681,1684,1687,1690,1693,1696,1699,1702,1705,1708,1711,1714,1717,1720,1723,1726,1729,1732,1735,1738,1741,1744,1747,1750,1753,1756,1759,1762,1765,1768,1771,1774,1777,1780,1783,1786,1789,1792,1795,1798,1801,1804,1807,1810,1813,1816,1819,1822,1825,1828,1831,1834,1837,1840,1843,1846,1849,1852,1855,1858,1861,1864,1867,1870,1873,1876,1879,1882,1885,1888,1891,1894,1897,1900,1903,1906,1909,1912,1915,1918,1921,1924,1927,1930,1933,1936,1939,1942,1945,1948,1951,1954,1957,1960,1963,1966,1969,1972,1975,1978,1981,1984,1987,1990,1993,1996,1999,2002,2005,2008,2011,2014,2017,2020,2023,2026,2029,2032,2035,2038,2041,2044,2047,2050,2053,2056,2059,2062,2065,2068,2071,2074,2077,2080,2083,2086,2089,2092,2095,2098,2101,2104,2107,2110,2113,2116,2119,2122,2125,2128,2131,2134,2137,2140,2143,2146,2149,2152,2155,2158,2161,2164,2167,2170,2173,2176,2179,2182,2185,2188,2191,2194,2197,2200,2203,2206,2209,2212,2215,2218,2221,2224,2227,2230,2233,2236,2239,2242,2245,2248,2251,2254,2257,2260,2263,2266,2269,2272,2275,2278,2281,2284,2287,2290,2293,2296,2299,2302,2305,2308,2311,2314,2317,2320,2323,2326,2329,2332,2335,2338,2341,2344,2347,2350,2353,2356,2359,2362,2365,2368,2371,2374,2377,2380,2383,2386,2389,2392,2395,2398,2401,2404,2407,2410,2413,2416,2419,2422,2425,2428,2431,2434,2437,2440,2443,2446,2449,2452,2455,2458,2461,2464,2467,2470,2473,2476,2479,2482,2485,2488,2491,2494,2497,2500,2503,2506,2509,2512,2515,2518,2521,2524,2527,2530,2533,2536,2539,2542,2545,2548,2551,2554,2557,2560,2563,2566,2569,2572,2575,2578,2581,2584,2587,2590,2593,2596,2599,2602,2605,2608,2611,2614,2617,2620,2623,2626,2629,2632,2635,2638,2641,2644,2647,2650,2653,2656,2659,2662,2665,2668,2671,2674,2677,2680,2683,2686,2689,2692,2695,2698,2701,2704,2707,2710,2713,2716,2719,2722,2725,2728,2731,2734,2737,2740,2743,2746,2749,2752,2755,2758,2761,2764,2767,2770,2773,2776,2779,2782,2785,2788,2791,2794,2797,2800,2803,2806,2809,2812,2815,2818,2821,2824,2827,2830,2833,2836,2839,2842,2845,2848,2851,2854,2857,2860,2863,2866,2869,2872,2875,2878,2881,2884,2887,2890,2893,2896,2899,2902,2905,2908,2911,2914,2917,2920,2923,2926,2929,2932,2935,2938,2941,2944,2947,2950,2953,2956,2959,2962,2965,2968,2971,2974,2977,2980,2983,2986,2989,2992,2995,2998,3001,3004,3007,3010,3013,3016,3019,3022,3025,3028,3031,3034,3037,3040,3043,3046,3049,3052,3055,3058,3061,3064,3067,3070,3073,3076,3079,3082,3085,3088,3091,3094,3097,3100,3103,3106,3109,3112,3115,3118,3121,3124,3127,3130,3133,3136,3139,3142,3145,3148,3151,3154,3157,3160,3163,3166,3169,3172,3175,3178,3181,3184,3187,3190,3193,3196,3199,3202,3205,3208,3211,3214,3217,3220,3223,3226,3229,3232,3235,3238,3241,3244,3247,3250,3253,3256,3259,3262,3265,3268,3271,3274,3277,3280,3283,3286,3289,3292,3295,3298,3301,3304,3307,3310,3313,3316,3319,3322,3325,3328,3331,3334,3337,3340,3343,3346,3349,3352,3355,3358,3361,3364,3367,3370,3373,3376,3379,3382,3385,3388,3391,3394,3397,3400,3403,3406,3409,3412,3415,3418,3421,3424,3427,3430,3433,3436,3439,3442,3445,3448,3451,3454,3457,3460,3463,3466,3469,3472,3475,3478,3481,3484,3487,3490,3493,3496,3499,3502,3505,3508,3511,3514,3517,3520,3523,3526,3529,3532,3535,3538,3541,3544,3547,3550,3553,3556,3559,3562,3565,3568,3571,3574,3577,3580,3583,3586,3589,3592,3595,3598,3601,3604,3607,3610,3613,3616,3619,3622,3625,3628,3631,3634,3637,3640,3643,3646,3649,3652,3655,3658,3661,3664,3667,3670,3673,3676,3679,3682,3685,3688,3691,3694,3697,3700,3703,3706,3709,3712,3715,3718,3721,3724,3727,3730,3733,3736,3739,3742,3745,3748,3751,3754,3757,3760,3763,3766,3769,3772,3775,3778,3781,3784,3787,3790,3793,3796,3799,3802,3805,3808,3811,3814,3817,3820,3823,3826,3829,3832,3835,3838,3841,3844,3847,3850,3853,3856,3859,3862,3865,3868,3871,3874,3877,3880,3883,3886,3889,3892,3895,3898,3901,3904,3907,3910,3913,3916,3919,3922,3925,3928,3931,3934,3937,3940,3943,3946,3949,3952,3955,3958,3961,3964,3967,3970,3973,3976,3979,3982,3985,3988,3991,3994,3997,4000,4003,4006,4009,4012,4015,4018,4021,4024,4027,4030,4033,4036,4039,4042,4045,4048,4051,4054,4057,4060,4063,4066,4069,4072,4075,4078,4081,4084,4087,4090,4093,4096,4099,4102,4105,4108,4111,4114,4117,4120,4123,4126,4129,4132,4135,4138,4141,4144,4147,4150,4153,4156,4159,4162,4165,4168,4171,4174,4177,4180,4183,4186,4189,4192,4195,4198,4201,4204,4207,4210,4213,4216,4219,4222,4225,4228,4231,4234,4237,4240,4243,4246,4249,4252,4255,4258,4261,4264,4267,4270,4273,4276,4279,4282,4285,4288,4291,4294,4297,4300,4303,4306,4309,4312,4315,4318,4321,4324,4327,4330,4333,4336,4339,4342,4345,4348,4351,4354,4357,4360,4363,4366,4369,4372,4375,4378,4381,4384,4387,4390,4393,4396,4399,4402,4405,4408,4411,4414,4417,4420,4423,4426,4429,4432,4435,4438,4441,4444,4447,4450,4453,4456,4459,4462,4465,4468,4471,4474,4477,4480,4483,4486,4489,4492,4495,4498,4501,4504,4507,4510,4513,4516,4519,4522,4525,4528,4531,4534,4537,4540,4543,4546,4549,4552,4555,4558,4561,4564,4567,4570,4573,4576,4579,4582,4585,4588,4591,4594,4597,4600,4603,4606,4609,4612,4615,4618,4621,4624,4627,4630,4633,4636,4639,4642,4645,4648,4651,4654,4657,4660,4663,4666,4669,4672,4675,4678,4681,4684,4687,4690,4693,4696,4699,4702,4705,4708,4711,4714,4717,4720,4723,4726,4729,4732,4735,4738,4741,4744,4747,4750,4753,4756,4759,4762,4765,4768,4771,4774,4777,4780,4783,4786,4789,4792,4795,4798,4801,4804,4807,4810,4813,4816,4819,4822,4825,4828,4831,4834,4837,4840,4843,4846,4849,4852,4855,4858,4861,4864,4867,4870,4873,4876,4879,4882,4885,4888,4891,4894,4897,4900,4903,4906,4909,4912,4915,4918,4921,4924,4927,4930,4933,4936,4939,4942,4945,4948,4951,4954,4957,4960,4963,4966,4969,4972,4975,4978,4981,4984,4987,4990,4993,4996,4999,5002,5005,5008,5011,5014,5017,5020,5023,5026,5029,5032,5035,5038,5041,5044,5047,5050,5053,5056,5059,5062,5065,5068,5071,5074,5077,5080,5083,5086,5089,5092,5095,5098,5101,5104,5107,5110,5113,5116,5119,5122,5125,5128,5131,5134,5137,5140,5143,5146,5149,5152,5155,5158,5161,5164,5167,5170,5173,5176,5179,5182,5185,5188,5191,5194,5197,5200,5203,5206,5209,5212,5215,5218,5221,5224,5227,5230,5233,5236,5239,5242,5245,5248,5251,5254,5257,5260,5263,5266,5269,5272,5275,5278,5281,5284,5287,5290,5293,5296,5299,5302,5305,5308,5311,5314,5317,5320,5323,5326,5329,5332,5335,5338,5341,5344,5347,5350,5353,5356,5359,5362,5365,5368,5371,5374,5377,5380,5383,5386,5389,5392,5395,5398,5401,5404,5407,5410,5413,5416,5419,5422,5425,5428,5431,5434,5437,5440,5443,5446,5449,5452,5455,5458,5461,5464,5467,5470,5473,5476,5479,5482,5485,5488,5491,5494,5497,5500,5503,5506,5509,5512,5515,5518,5521,5524,5527,5530,5533,5536,5539,5542,5545,5548,5551,5554,5557,5560,5563,5566,5569,5572,5575,5578,5581,5584,5587,5590,5593,5596,5599,5602,5605,5608,5611,5614,5617,5620,5623,5626,5629,5632,5635,5638,5641,5644,5647,5650,5653,5656,5659,5662,5665,5668,5671,5674,5677,5680,5683,5686,5689,5692,5695,5698,5701,5704,5707,5710,5713,5716,5719,5722,5725,5728,5731,5734,5737,5740,5743,5746,5749,5752,5755,5758,5761,5764,5767,5770,5773,5776,5779,5782,5785,5788,5791,5794,5797,5800,5803,5806,5809,5812,5815,5818,5821,5824,5827,5830,5833,5836,5839,5842,5845,5848,5851,5854,5857,5860,5863,5866,5869,5872,5875,5878,5881,5884,5887,5890,5893,5896,5899,5902,5905,5908,5911,5914,5917,5920,5923,5926,5929,5932,5935,5938,5941,5944,5947,5950,5953,5956,5959,5962,5965,5968,5971,5974,5977,5980,5983,5986,5989,5992,5995,5998,6001,6004,6007,6010,6013,6016,6019,6022,6025,6028,6031,6034,6037,6040,6043,6046,6049,6052,6055,6058,6061,6064,6067,6070,6073,6076,6079,6082,6085,6088,6091,6094,6097,6100,6103,6106,6109,6112,6115,6118,6121,6124,6127,6130,6133,6136,6139,6142,6145,6148,6151,6154,6157,6160,6163,6166,6169,6172,6175,6178,6181,6184,6187,6190,6193,6196,6199,6202,6205,6208,6211,6214,6217,6220,6223,6226,6229,6232,6235,6238,6241,6244,6247,6250,6253,6256,6259,6262,6265,6268,6271,6274,6277,6280,6283,6286,6289,6292,6295,6298,6301,6304,6307,6310,6313,6316,6319,6322,6325,6328,6331,6334,6337,6340,6343,6346,6349,6352,6355,6358,6361,6364,6367,6370,6373,6376,6379,6382,6385,6388,6391,6394,6397,6400,6403,6406,6409,6412,6415,6418,6421,6424,6427,6430,6433,6436,6439,6442,6445,6448,6451,6454,6457,6460,6463,6466,6469,6472,6475,6478,6481,6484,6487,6490,6493,6496,6499,6502,6505,6508,6511,6514,6517,6520,6523,6526,6529,6532,6535,6538,6541,6544,6547,6550,6553,6556,6559,6562,6565,6568,6571,6574,6577,6580,6583,6586,6589,6592,6595,6598,6601,6604,6607,6610,6613,6616,6619,6622,6625,6628,6631,6634,6637,6640,6643,6646,6649,6652,6655,6658,6661,6664,6667,6670,6673,6676,6679,6682,6685,6688,6691,6694,6697,6700,6703,6706,6709,6712,6715,6718,6721,6724,6727,6730,6733,6736,6739,6742,6745,6748,6751,6754,6757,6760,6763,6766,6769,6772,6775,6778,6781,6784,6787,6790,6793,6796,6799,6802,6805,6808,6811,6814,6817,6820,6823,6826,6829,6832,6835,6838,6841,6844,6847,6850,6853,6856,6859,6862,6865,6868,6871,6874,6877,6880,6883,6886,6889,6892,6895,6898,6901,6904,6907,6910,6913,6916,6919,6922,6925,6928,6931,6934,6937,6940,6943,6946,6949,6952,6955,6958,6961,6964,6967,6970,6973,6976,6979,6982,6985,6988,6991,6994,6997,7000,7003,7006,7009,7012,7015,7018,7021,7024,7027,7030,7033,7036,7039,7042,7045,7048,7051,7054,7057,7060,7063,7066,7069,7072,7075,7078,7081,7084,7087,7090,7093,7096,7099,7102,7105,7108,7111,7114,7117,7120,7123,7126,7129,7132,7135,7138,7141,7144,7147,7150,7153,7156,7159,7162,7165,7168,7171,7174,7177,7180,7183,7186,7189,7192,7195,7198,7201,7204,7207,7210,7213,7216,7219,7222,7225,7228,7231,7234,7237,7240,7243,7246,7249,7252,7255,7258,7261,7264,7267,7270,7273,7276,7279,7282,7285,7288,7291,7294,7297,7300,7303,7306,7309,7312,7315,7318,7321,7324,7327,7330,7333,7336,7339,7342,7345,7348,7351,7354,7357,7360,7363,7366,7369		

#	ARTICLE	IF	CITATIONS
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489	Unique cationic, neutral and anionic copper(ii) nitrite species in a single compound. <i>Chemical Communications</i> , 1998, , 1587-1588.	2.2	18
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492	Thioether ligands as molecular rods in silver(I) coordination networks: 1,4-dithiane as an analogue of pyrazine. <i>CrystEngComm</i> , 2000, 2, 41.	1.3	18
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702	Lanthanide complexes of iminocarboxylate ligands derived from 1,4,7-triazacyclononane: structural characterisation and relaxivity of the Gd(III) and luminescence of the Eu(III) complexes Electronic supplementary information (ESI) available: <sup>1</sup> H NMR spectra of [Y(L1)(CH <sub>3</sub> CO <sub>2</sub> )] (6) in D <sub>2</sub> O at 298 K and <sup>1</sup> H NMR data on acid-catalysed hydrolysis of [La(L)] (5) in D <sub>2</sub> O (pD = 4.4). See <a href="http://www.rsc.org/suppdata/dt/b2/b209090m/">http://www.rsc.org/suppdata/dt/b2/b209090m/</a> . <i>Dalton Transactions</i> , 2003, , 1693-1700.	1.6	9

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703	Gallium tri-chloride derivatives of the sterically demanding pyridines 2,6-Ar <sub>2</sub> C <sub>6</sub> H <sub>3</sub> N (Ar=2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ) Tj ETQq1 1.0.784314 rgBT /Ov	1.0	9
704	New dicoumarol sodium compound: crystal structure, theoretical study and tumoricidal activity against osteoblast cancer cells. Chemistry Central Journal, 2013, 7, 110.	2.6	9
705	Halochromic coordination polymers based on a triarylmethane dye for reversible detection of acids. Dalton Transactions, 2017, 46, 465-470.	1.6	9
706	Perylene Diimide Triple Helix Formation in the Solid State. Crystal Growth and Design, 2018, 18, 802-807.	1.4	9
707	Iron(II)-Catalyzed Hydroamination of Isocyanates. Organometallics, 2019, 38, 4115-4120.	1.1	9
708	Asymmetric induction in the 1,7 ring closure of diene-conjugated diazo-compounds: a route to chiral 1h-2,3-benzodiazepines. Tetrahedron Letters, 1988, 29, 6361-6364.	0.7	8
709	3-Hydroxypyrroles and 1H-pyrrol-3(2H)-ones. Part 5. Tautomerism of 1-substituted and 1,2-disubstituted derivatives in the solid state and in solution: X-ray crystal and molecular structure of 1-phenyl-1H-pyrrol-3(2H)-one. Journal of the Chemical Society Perkin Transactions II, 1988, , 1455.	0.9	8
710	Heterocyclic compounds with bridgehead nitrogen atoms. Part 11. Formation of azocino[2,1,8-cd]pyrrolizines in the reactions of indolizines with dimethyl acetylenedicarboxylate. Journal of the Chemical Society Perkin Transactions 1, 1991, , 2991.	0.9	8
711	Synthesis, properties, and catalytic behavior of zeolite EU-12. Zeolites, 1992, 12, 24-31.	0.9	8
712	Tetrachlorobis(2-pyridone)-bis(1/2-2-pyridone)-dicopper. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 799-801.	0.4	8
713	O atom transfer reactions in some manganese and rhenium carbonyl compounds. Journal of Organometallic Chemistry, 1994, 475, 193-200.	0.8	8
714	Structures of [PhCNSSN] <sub>2</sub> [Pt(mnt) <sub>2</sub> ] and [(p-ClC <sub>6</sub> H <sub>4</sub> CNSSN) <sub>2</sub> Cl][Pt(mnt) <sub>2</sub> ] (mnt =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (mal 1994, 50, 28-33.	0.4	8
715	Î±-Pyrone at 150 K. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1938-1940.	0.4	8
716	Macrocyclic liquid crystals from functionalised thioether crowns: the single-crystal X-ray structures of cis- and trans-R <sub>2</sub> [14]aneS <sub>4</sub> (R = O <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> OMe-4). Journal of the Chemical Society Chemical Communications, 1994, , 2471-2473.	2.0	8
717	Synthesis of cationic half-sandwich rhodium(I) complexes of 1,4,7-trithiacyclononane ([9]aneS <sub>3</sub> ). The single-crystal structures of [Rh([9]aneS <sub>3</sub> )(C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> ]PF <sub>6</sub> , [Rh([9]aneS <sub>3</sub> )(C <sub>8</sub> H <sub>12</sub> )]BF <sub>4</sub> and [Rh([9]aneS <sub>3</sub> )(C <sub>4</sub> H <sub>6</sub> )]PF <sub>6</sub> ·0.25OEt <sub>2</sub> . Journal of the Chemical Society Dalton Transactions, 1994, , 2197-2208.	1.1	8
718	Reactions of a dimeric copper compound: synthesis and structures of new dinuclear, tetranuclear, octanuclear and polymeric copper complexes. Journal of the Chemical Society Chemical Communications, 1994, , 169.	2.0	8
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720	Isolation and structural characterisation of products from the reaction of [Os <sub>4</sub> (μ-H) <sub>4</sub> (CO) <sub>10</sub> (MeCN) <sub>2</sub> ] with cyclohexa-1,3-diene. Journal of the Chemical Society Dalton Transactions, 1996, , 2165-2171.	1.1	8

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721	The activation of C <sup>†</sup> —H bonds via Ru <sup>†</sup> —Ru bond fission. <i>Inorganica Chimica Acta</i> , 1996, 241, 11-12.	1.2	8
722	Radical-mediated transannulation reactions in humulene. A new synthesis of substituted bicyclo[6.3.0]undeca-4,9-dienes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1167-1170.	0.9	8
723	Preparation and structural characterisation of the trigonal nitridometalate Ba <sub>3</sub> MoN <sub>4</sub> . <i>Dalton Transactions RSC</i> , 2000, , 1709-1713.	2.3	8
724	An unusual (CuSCN) <sub>2</sub> structural motif in the non-centrosymmetric coordination polymer [(CuSCN) <sub>2</sub> (pyrimidine)] <sub>n</sub> . <i>CrystEngComm</i> , 2000, 2, 36.	1.3	8
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726	Calcium nitride (Ca <sub>2</sub> N), a redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, i6-i7.	0.2	8
727	Synthesis of asymmetric derivatives of 1,4,7-triazacyclononane and trigonal prismatic Mn(II) complexes. <i>Dalton Transactions RSC</i> , 2002, , 1247-1249.	2.3	8
728	Synthesis and structure of new mixed alkaline-earth nitridomolybdates and nitridotungstates, (Ba,Ca) <sub>3</sub> [MN <sub>4</sub> ] (M = Mo, W) Dedicated to Dr Marten G. Barker in memoriam.. <i>Dalton Transactions</i> , 2003, , 1065-1069.	1.6	8
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730	Competition between planar and central chiral control elements in nucleophilic addition to ferrocenyl imine derivatives. <i>Chemical Communications</i> , 2008, , 5191.	2.2	8
731	An S <sub>N</sub> 2 displacement approach to allenyl acetates. <i>Tetrahedron Letters</i> , 2010, 51, 6454-6456.	0.7	8
732	Cubane and dicubane complexes stabilised by sterically demanding m-terphenyl ligands. <i>Chemical Communications</i> , 2013, 49, 9752.	2.2	8
733	Halogen-substituted ureas for anion binding: solid state and solution studies. <i>Supramolecular Chemistry</i> , 2017, 29, 875-886.	1.5	8
734	Structural diversity in the products formed by the reactions of 2-arylselanyl pyridine derivatives and dihalogens. <i>New Journal of Chemistry</i> , 2018, 42, 10592-10602.	1.4	8
735	Solid and solution states studies of two Mn(II) complexes based on N-oxidized pyridine-2,5-dicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2018, 71, 4058-4071.	0.8	8
736	Two-Dimensional Networks of Thiocyanuric Acid and Imine Bases Assisted by Weak Hydrogen Bonds. <i>Crystal Growth and Design</i> , 2019, 19, 5945-5954.	1.4	8
737	catena-Poly[[trans-dichlorocopper(II)]-μ <sub>4</sub> -1,4,7,10,13,16-hexathiacyclooctadecane-S1:S10]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 36-37.	0.4	8
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740	Instant ligands. Journal of Molecular Structure, 1990, 221, 25-44.	1.8	7
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742	Structure of O6[9]aneS3 (1,4,7-trithiacyclononane 1,1,4,4,7,7-hexaoxide). Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 2717-2718.	0.4	7
743	[Rh([9]aneS3)(CO)(PPh3)]+.PF6 <sup>-</sup> . Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 85-87.	0.4	7
744	The preparation and characterization of the mixed valence complex dianion [Mn3(CO)6(μ2-NO2)4(μ2-ONO)2]2 <sup>-</sup> . Journal of the Chemical Society Chemical Communications, 1993, , 1345-1346.	2.0	7
745	β-Facial Selectivity in the Cycloaddition of Nitrile Oxides to 5,6-Dideoxy-5-Enofuranoses. Journal of Carbohydrate Chemistry, 1994, 13, 409-419.	0.4	7
746	Octadecacarbonylhexaosmium chloroform solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1052-1054.	0.4	7
747	Novel monomeric and dimeric copper(II) pyridone complexes containing the 2,2'-bipyridyl ligand. Journal of the Chemical Society Dalton Transactions, 1994, , 2005-2010.	1.1	7
748	Synthesis and characterisation of the diphenylfulvene derivative [Ru6C(CO)14(μ3-η <sup>2</sup> :η <sup>2</sup> :η <sup>3</sup> -C5H4CPh2)], showing an unusual facial bonding mode and fluxionality on the NMR timescale. Journal of the Chemical Society Chemical Communications, 1994, , 1347-1348.	2.0	7
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750	1,4,7-Triazatricyclo[5.2.1.0 <sup>4,10</sup> ]decane at 100 K. Acta Crystallographica Section C: Crystal Structure Communications, 1995, 51, 738-741.	0.4	7
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752	Synthesis and characterisation of precursors to organometal cluster networks. Journal of the Chemical Society Dalton Transactions, 1995, , 843.	1.1	7
753	Thioether crown complexes as templates for the assembly of extended polyiodide networks: synthesis x	0.7	7
754	Bis(η <sup>4</sup> -2-cyanopyridine-N:Nâ€²)bis[(2-cyanopyridine-N)silver(I)] bis(tetrafluoroborate): an anion-linked molecular ladder. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1290-1291.	0.4	7
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756	Carbonyl[hydrotris(3,5-dimethylpyrazol-1-yl)borato]copper(I) acetonitrile solvate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, m41-m42.	0.2	7

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758	Assembly of Dicobalt(III) Complexes Incorporating Di-1/4-thiophenolate Moieties. European Journal of Inorganic Chemistry, 2003, 2003, 2389-2392.	1.0	7
759	Lithium niobium disulfide, Li0.63NbS2. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, i4-i6.	0.4	7
760	New metathesis routes to layered dichalcogenides: synthesis, crystal growth and structure of NayNbX2 (y = 0.5, X = S, Se). Journal of Materials Chemistry, 2003, 13, 175-180.	6.7	7
761	Synthesis of mono- and di-potassium salts and methoxy adducts of sulfur-bridged biphenols by selective deprotonation Electronic supplementary information (ESI) available: full characterisation for all complexes described and packing diagrams for 3 and 5. See <a href="http://www.rsc.org/suppdata/doi/10.1039/B301015e">http://www.rsc.org/suppdata/doi/10.1039/B301015e</a> . Dalton Transactions, 2003, , 1053-1055.	1.6	7
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764	Conformational Isomerism in Monomeric, Low-Coordinate Group-12 Complexes Stabilized by a Naphthyl-Substituted <i>trans</i> -terphenyl Ligand. Chemistry - A European Journal, 2013, 19, 11446-11453.	1.7	7
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768	Structure of mer-trichlorotris(pyridyl)osmium(III). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1836-1838.	0.4	6
769	Synthesis and single-crystal X-ray structure determination of trans-[RhCl2(tmc)]PF6(tmc =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5 Transactions, 1988, , 1561-1564.	1.1	6
770	3-Hydroxypyrroles and 1H-pyrrol-3(2H)-ones. Part 9. Diazo-coupling reactions of 1-substituted-1H-pyrrol-3(2H)-ones. Journal of the Chemical Society Perkin Transactions 1, 1991, , 701.	0.9	6
771	Crystal structure of 2,4-dimethyl-benzo-1,5-diazepinium hexafluorophosphate, C <sub>11</sub> H <sub>13</sub> N <sub>2</sub> PF <sub>6</sub> . Zeitschrift für Kristallographie, 1991, 194, 148-151.	1.1	6
772	Tetrakis(1/4-acetato)bis(2-pyridone)dicopper. Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 1077-1079.	0.4	6
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781	Polyacrylate resins bearing the transition metal cluster unit Co <sub>3</sub> (CO) <sub>9</sub> C. Journal of the Chemical Society Chemical Communications, 1995, , 2117.	2.0	6
782	Measurement of an exceedingly long metal carbonyl C—O bond by single crystal X-ray diffraction in Ru <sub>8</sub> ( $\eta^5$ -H) <sub>2</sub> ( $\eta^6$ - $\eta^2$ -CO)(CO) <sub>19</sub> ( $\eta^6$ -C <sub>16</sub> H <sub>16</sub> ). Journal of the Chemical Society Chemical Communications, 1995, , 555-556.	2.0	6
783	mer-Bis[2,6-bis(1-phenyliminoethyl)pyridine-N,N',N'']copper(II) Diperchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 37-39.	0.4	6
784	Consecutive crystallisation of [Cu(MeppdCl) <sub>2</sub> ]BF <sub>4</sub> and [Cu(MeppdCl) <sub>2</sub> Cl]BF <sub>4</sub> · 0.5(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> O from dichloromethane. Polyhedron, 1998, 17, 3583-3593.	1.0	6
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790	Inhibiting copper(I) iodide aggregate assembly in the solid state via macrocyclic encapsulation. Dalton Transactions, 2011, 40, 12257.	1.6	6
791	High-pressure studies of palladium and platinum thioether macrocyclic dihalide complexes. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 469-486.	0.5	6
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795	Crystal structure of (chloromethyl)trimethylammonium tetrafluoroborate, (ClCH2)(CH3)3NBF4. Zeitschrift FÃ¼r Kristallographie, 1991, 195, 304-305.	1.1	5
796	Vaska's compound â€“ dichloromethane solvate (1/2). Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 657-659.	0.4	5
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802	Dalton communications. A zwitterionic cluster compound: synthesis and characterisation of the triphenylphosphoniocyclo-pentadienide derivative [Ru6C(CO)14(Î¼5-C5H4PPh3)]. Journal of the Chemical Society Dalton Transactions, 1995, , 495-496.	1.1	5
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804	Synthesis, characterization and X-ray structure of Rh6(CO)10(Î¼3-CO)4(Î¼4-C6H8). Journal of Organometallic Chemistry, 1995, 498, 237-240.	0.8	5
805	(Diethyl ether-O)[N-(2,6-diisopropylphenyl)-N-(trimethylsilyl)amido-N](pyridine-N)lithium. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 1911-1913.	0.4	5
806	Bis(ethylxanthato)phenylantimony(III). Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 583-585.	0.4	5
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810	Synthesis and crystal structure of [Au2(N-Ts[9]aneNS2)Cl2]2 {N-Ts[9]aneNS2=7-(toluenesulfonyl)-7-aza-1,4-dithiacyclononane} incorporating Au-Â·-Â·-Au and Îµ-Îµ interactions. New Journal of Chemistry, 1999, 23, 345-346.	1.4	5

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811	Pyrrolizin-3-one and its 1,2-dihydro derivative: structures of the free molecules determined by electron diffraction and ab initio calculations and in the crystal by X-ray diffraction Electronic supplementary information (ESI) available: further experimental data. See <a href="http://www.rsc.org/suppdata/p2/b1/b102475ml">http://www.rsc.org/suppdata/p2/b1/b102475ml</a> . Perkin Transactions II RSC, 2001, , 2195-2201.	1.1	5
812	Bis(1,4,7-trithiacyclononane-S,Sâ€²,Sâ€²â€²)nickel(II) dibromide tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, m376-m377.	0.2	5
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827	Dichloro(7,16-dimethyl-1,4,10,13-tetrathia-7,16-diazacyclooctadecane)diplatinum bis(hexafluorophosphate). Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 64-66.	0.4	4
828	Crystal structure of trans-bis(acetonitrile)-bis(1,2-bis(diphenylphosphino)ethane)iron(II)-bis-(tetrafluoroborate) bis(dichloromethane), (CH <sub>3</sub> CN) <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> P <sub>2</sub> ) <sub>2</sub> Fe(BF <sub>4</sub> ) <sub>2</sub> (CH <sub>2</sub> Cl <sub>2</sub> ) <sub>2</sub> . Zeitschrift F¼r Kristallographie, 1992, 199, 287-289.	1.1	4



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933	Structure of $\hat{1}^2$ -ammoniumpropionitrile hemifumarate. Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 2569-2572.	0.4	1
934	Crystal structure of 7H+,16H+-1,4,10,13-tetrathia-7,16-diazacyclooctadecane bis(tetraphenylboronate), (C <sub>12</sub> H <sub>28</sub> N <sub>2</sub> S <sub>4</sub> )(C <sub>6</sub> H <sub>5</sub> ) <sub>4</sub> B) <sub>2</sub> . Zeitschrift für Kristallographie, 1992, 198, 162-164.	1.1	1
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937	[[ $\eta^6\text{-C}_6\text{H}_6$ ](PMe <sub>2</sub> Ph)RuCl] <sub>2</sub> ( $\eta^4\text{-Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2$ )] <sub>2</sub> <sup>+</sup> ·2PF <sub>6</sub> <sup>-</sup> ·CH <sub>3</sub> NO <sub>2</sub> . Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 142-144.	0.4	1
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