

Alexander J Blake

List of Publications by Year in descending order

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1,015
papers

41,429
citations

2427

97
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6131

159
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1091
all docs

1091
docs citations

1091
times ranked

21244
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.	18.8	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.	18.8	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.	13.7	723
4	High H ₂ Adsorption by Coordination-Framework Materials. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7358-7364.	13.8	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.	13.6	466
7	OLEX: new software for visualization and analysis of extended crystal structures. <i>Journal of Applied Crystallography</i> , 2003, 36, 1283-1284.	4.5	447
8	A partially interpenetrated metal-organic framework for selective hysteretic sorption of carbon dioxide. <i>Nature Materials</i> , 2012, 11, 710-716.	27.5	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.	13.6	375
10	Chemistry of Thioether Macrocyclic Complexes. <i>Advances in Inorganic Chemistry</i> , 1990, 35, 1-80.	1.0	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.	13.7	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.	4.0	329
13	Exceptionally high H ₂ storage by a metal-organic polyhedral framework. <i>Chemical Communications</i> , 2009, , 1025.	4.1	316
14	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	12.6	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.	7.4	300
16	A delocalized arene-bridged diuranium single-molecule magnet. <i>Nature Chemistry</i> , 2011, 3, 454-460.	13.6	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.	13.7	296
18	A Robust Binary Supramolecular Organic Framework (SOF) with High CO ₂ Adsorption and Selectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 12828-12831.	13.7	287

#	ARTICLE	IF	CITATIONS
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.	13.7	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.	15.6	261
21	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	13.6	252
22	Lanthanum Coordination Networks Based on Unusual Five-Connected Topologies. <i>Journal of the American Chemical Society</i> , 2001, 123, 3401-3402.	13.7	230
23	High capacity gas storage by a 4,8-connected metal-organic polyhedral framework. <i>Chemical Communications</i> , 2011, 47, 4487.	4.1	220
24	Twelve-connected porous metal-organic frameworks with high H_2 adsorption. <i>Chemical Communications</i> , 2007, , 840-842.	4.1	219
25	Selective Adsorption of Sulfur Dioxide in a Robust Metal-Organic Framework Material. <i>Advanced Materials</i> , 2016, 28, 8705-8711.	21.0	214
26	Topological isomerism in coordination polymers. <i>Chemical Communications</i> , 2001, , 1432-1433.	4.1	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 http://www.rsc.org/suppdata/cc/b4/b404614e/ . <i>Chemical Communications</i> , 2004, , 1612.	4.1	213
28	Studies of a Nickel-Based Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2002, 8, 4867-4876.	3.3	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.	4.1	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.	13.8	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.	13.8	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.	3.2	169
35	Template self-assembly of polyiodide networks. <i>Chemical Society Reviews</i> , 1998, 27, 195.	38.1	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.	4.1	164

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37	Enhancement of H ₂ adsorption in Li-exchanged co-ordination framework materials. <i>Chemical Communications</i> , 2008, , 6108.	4.1	164
38	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a [R₂C=U=O]²⁺ Analogue of the [O=U=O]²⁺ Uranyl Ion (R = Ph₂PNSiMe₃), 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.	13.7	163
39	Lanthanide co-ordination frameworks of 4,4'-bipyridine-N,N'-dioxide. <i>Chemical Communications</i> , 2000, , 1369-1370.	4.1	162
40	Unprecedented Seven- and Eight-Connected Lanthanide Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2443-2447.	13.8	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 http://www.rsc.org/suppdata/gclb2/b212394kl . <i>Green Chemistry</i> , 2003, 5, 187-192.	9.0	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.	7.1	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 ₂ O) ₂ (F ₃ B) ₂]-4,4'-bipy. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 913-914.	1.57	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.	3.3	157
45	Highly porous and robust scandium-based metal-organic frameworks for hydrogen storage. <i>Chemical Communications</i> , 2011, 47, 8304.	4.1	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.	7.1	151
48	Chelating alkoxy-N-heterocyclic carbene complexes of silver and copper. <i>Chemical Communications</i> , 2001, , 2340-2341.	4.1	150
49	Bifunctional yttrium(III) and titanium(IV) NHC catalysts for lactide polymerisation. <i>Chemical Communications</i> , 2006, , 1124.	4.1	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.	13.8	150
51	Schiff-base compartmental macrocyclic complexes. <i>Chemical Communications</i> , 1996, , 457-464.	4.1	147
52	Photoreactivity examined through incorporation in metal-organic frameworks. <i>Nature Chemistry</i> , 2010, 2, 688-694.	13.6	137
53	π and σ-Donation in an Unsupported Uranium-Gallium Bond. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1077-1080.	13.8	136
54	Polycatenated copper(I) molecular ladders: a new structural motif in inorganic coordination polymers. <i>Chemical Communications</i> , 1997, , 2027-2028.	4.1	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.	13.8	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.	13.8	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.	13.8	132
58	Structural isomerism in CuSCN coordination polymers. <i>Chemical Communications</i> , 2002, , 1640-1641.	4.1	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.	13.7	130
60	A mesoporous metal-organic framework constructed from a nanosized C3-symmetric linker and $[Cu_{24}(\text{isophthalate})_{24}]$ cuboctahedra. <i>Chemical Communications</i> , 2011, 47, 9995.	4.1	130
61	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	13.8	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.	3.3	129
63	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	12.8	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 $[M(L)Cl_2]$ (M=Mn, Ni, Zn). <i>Chemistry - A European Journal</i> , 2003, 9, 2484-2501.	3.3	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.	4.1	126
66	Polyamine-based anion receptors: Extraction and structural studies. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2987-3003.	18.8	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 $[Cu_{24}(\text{isophthalate})_{24}]$ cuboctahedra in a triazole-containing metal-organic polyhedral framework. <i>Chemical Science</i> , 2013, 4, 1731.	7.4	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.	13.7	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.	3.0	122
71	Synthesis and Characterization of an f-Block Terminal Parent Imido $[U\text{-}NH]$ Complex: A Masked Uranium(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2014, 136, 5619-5622.	13.7	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.	3.2	119
74	Analysis of High and Selective Uptake of CO ₂ in an Oxamide-Containing {Cu ₂ (OOCR) ₄ } ⁿ -Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7317-7324.	3.3	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.	3.3	118
76	Selective CO ₂ uptake and inverse CO ₂ /C ₂ H ₂ selectivity in a dynamic bifunctional metal-organic framework. <i>Chemical Science</i> , 2012, 3, 2993.	7.4	117
77	Triggered Ligand Release Coupled to Framework Rearrangement: Generating Crystalline Porous Coordination Materials. <i>Inorganic Chemistry</i> , 2006, 45, 8838-8840.	4.0	116
78	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold U-As bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	13.6	114
79	Enhancement of H ₂ Adsorption in Coordination Framework Materials by Use of Ligand Curvature. <i>Chemistry - A European Journal</i> , 2009, 15, 4829-4835.	3.3	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.	13.7	108
82	A phenoxyl radical complex of copper(ii). <i>Chemical Communications</i> , 2001, , 1824-1825.	4.1	107
83	Stereoselective Association of Binuclear Metallacycles in Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2003, 125, 6753-6761.	13.7	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.	4.1	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.	13.7	104
86	Structural and electrochemical studies on trithia macrocyclic complexes of palladium. <i>Journal of Organometallic Chemistry</i> , 1987, 323, 261-270.	1.8	103
87	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6696-6700.	13.8	103
88	Self-Assembly of Polyanions at a Metal Cation Template: Syntheses and Structures of [Ag([18]aneS6)] ₇ ⁿ and [Ag([18]aneS6)] ₁₃ . <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.	13.7	102

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91	Uranyl Complexation by a Schiff-Base, Polypyrrrolic Macrocyclic. Inorganic Chemistry, 2004, 43, 8206-8208.	4.0	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.	4.1	100
93	Lanthanide tri-benzyl complexes: structural variations and useful precursors to phosphorus-stabilised lanthanide carbenes. Dalton Transactions, 2010, 39, 500-510.	3.3	100
94	Magnetic and Structural Studies of Copper-Lanthanoid Complexes; the Synthesis and Structures of New Cu ₃ Ln Complexes of 6-Chloro-2-Pyridone (Ln = Gd, Dy and Er) and Magnetic Studies on Cu ₂ Gd ₂ , Cu ₄ Gd ₂ and Cu ₃ Gd Complexes. Chemistry - A European Journal, 1995, 1, 614-618.	3.3	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.	3.3	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.	13.7	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.	3.3	98
99	Innovative Molecular Design Strategies in Materials Science Following the Auophilicity Concept. Chemical Reviews, 2020, 120, 7551-7591.	47.7	98
100	Copper(I) halide supramolecular networks linked by N-heterocyclic donor bridging ligands. Pure and Applied Chemistry, 1998, 70, 2351-2357.	1.9	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.	2.8	97
102	Poly-orthophenylenes: Synthesis by Suzuki coupling and solid state helical structures. Tetrahedron Letters, 1998, 39, 9093-9096.	1.4	95
103	Dioxygen Reduction at Dicobalt Complexes of a Schiff Base Calixpyrrole Ligand. Angewandte Chemie - International Edition, 2007, 46, 584-586.	13.8	95
104	The role of 5f-orbital participation in unexpected inversion of the f-bond metathesis reactivity trend of triamidoamine thorium ($\text{Th}(\text{N}(\text{R})_2)_3$) and uranium ($\text{U}(\text{N}(\text{R})_2)_3$) alkyls. Chemical Science, 2014, 5, 2489-2497.	7.4	94
105	$\hat{\nu}^2$ -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.	13.7	93
106	Enantioselective Reduction of Prochiral Ketones by Catecholborane Catalysed by Chiral Group 13 Complexes. Chemistry - A European Journal, 2000, 6, 3586-3594.	3.3	93
107	Water Superstructures within Organic Arrays; Hydrogen-Bonded Water Sheets, Chains and Clusters. Chemistry - A European Journal, 2005, 11, 4643-4654.	3.3	93
108	A Cerium(IV)-Carbon Multiple Bond. Angewandte Chemie - International Edition, 2013, 52, 13016-13019.	13.8	91

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109	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.	13.8	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.	3.2	90
111	Emergence of comparable covalency in isostructural cerium(IV) and uranium(IV) carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	7.4	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.	7.1	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.	3.3	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.	13.8	84
117	A biporous coordination framework with high H2 storage density. <i>Chemical Communications</i> , 2008, , 359-361.	4.1	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.	4.0	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.	4.0	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.	4.0	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.	4.0	82
124	Controlled Assembly of Dinuclear Metallacycles into a Three-Dimensional Helical Array. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2317-2320.	13.8	81
125	Phenoxy radicals: H-bonded and coordinated to Cu(II) and Zn(II). <i>Dalton Transactions</i> , 2006, , 258-267.	3.3	79
126	Tetravalent cerium carbene complexes. <i>Chemical Communications</i> , 2007, , 5037.	4.1	79

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127	Structures and H ₂ Adsorption Properties of Porous Scandium Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2010, 16, 13671-13679.	3.3	77
128	Unprecedented bilayer topologies in 5- and 6-connected framework polymers. <i>Chemical Communications</i> , 2004, , 1792-1793.	4.1	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
130	Two- and three-dimensional CuSCN co-ordination networks including new CuSCN structural motifs. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2813-2817.	1.1	75
131	Macrocyclic diiminodipyrromethane complexes: structural analogues of Pac-Man porphyrins. <i>Chemical Communications</i> , 2003, , 2508-2509.	4.1	75
132	Synthesis and Small Molecule Reactivity of Uranium(IV) Alkoxide Complexes with both Bound and Pendant N-heterocyclic Carbene Ligands. <i>Chemistry - A European Journal</i> , 2005, 11, 6095-6099.	3.3	75
133	Modifying Cage Structures in Metal-Organic Polyhedral Frameworks for H ₂ Storage. <i>Chemistry - A European Journal</i> , 2011, 17, 11162-11170.	3.3	73
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387	Synthesis, structure and electrochemistry of [Pt([10]aneS3)2][PF6]2([10]aneS3=) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422</i>	1.1	26
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471	Modeling the Formation of Molybdenum Oxides from Alkoxides: Crystal Structures of [Mo4O4Cl4(1/4-OEt)4(HOEt)2(1/4-O)2] and [PPN]+[Et3NH]+[Cl2(O)Mo(1/4-O)2Mo(O)Cl2] ₂ -. <i>Inorganic Chemistry</i> , 1996, 35, 4439-4448.	4.0	19
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485	Notes. Thallium thioether chemistry. Synthesis and crystal structure of [Tl([9]aneS ₃)]PF ₆ ([9]aneS ₃ =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18	1.1	18
486	Heteronuclear cluster formation: the synthesis and structure of the chloro-bridged tetranuclear complex [TiCl ₂ Ru(PPh ₃)([9]aneS ₃) ₂ (PF ₆) ₂] incorporating a [RuCl ₂ Tl ₂ Cl ₂ Ru] ladder ([9]aneS ₃ =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	1.1	18

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