

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	Coordination chemistry of nitrile-functionalized mixed thia-aza macrocycles [9]aneN ₂ S and [9]aneNS ₂ towards silver(I). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 169-175.	0.5	1
2	Can Serendipity Still Hold Any Surprises in the Coordination Chemistry of Mixed-Donor Macrocyclic ligands? The Case Study of Pyridine-Containing 12-Membered Macrocycles and Platinum Group Metal ions PdII, PtII, and RhIII. <i>Molecules</i> , 2021, 26, 1286.	3.8	3
3	Selective Gas Uptake and Rotational Dynamics in a (3,24)-Connected Metal-Organic Framework Material. <i>Journal of the American Chemical Society</i> , 2021, 143, 3348-3358.	13.7	39
4	Exceptional Packing Density of Ammonia in a Dual-Functionalized Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 6586-6592.	13.7	37
5	A low molecular weight Zr(IV) metallogel for protein delivery. <i>Materials Today Communications</i> , 2021, 27, 102448.	1.9	1
6	Multigram Synthesis of Trioxanes Enabled by a Supercritical CO ₂ Integrated Flow Process. <i>Organic Process Research and Development</i> , 2021, 25, 1873-1881.	2.7	10
7	Porous Metal-Organic Polyhedra: Morphology, Porosity, and Guest Binding. <i>Inorganic Chemistry</i> , 2020, 59, 15646-15658.	4.0	16
8	Innovative Molecular Design Strategies in Materials Science Following the Aurophilicity Concept. <i>Chemical Reviews</i> , 2020, 120, 7551-7591.	47.7	98
9	Guest-Controlled Incommensurate Modulation in a Meta-Rigid Metal-Organic Framework Material. <i>Journal of the American Chemical Society</i> , 2020, 142, 19189-19197.	13.7	24
10	Aza- and Mixed Thia/Aza-Macrocyclic Receptors with Quinoline-Bearing Pendant Arms for Optical Discrimination of Zinc(II) or Cadmium(II) Ions. <i>ChemPlusChem</i> , 2020, 85, 1789-1799.	2.8	5
11	Hydrophosphination of Activated Alkenes by a Cobalt(I) Pincer Complex. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3148-3157.	4.3	13
12	A transition metal-gallium cluster formed via insertion of Ga. <i>Chemical Communications</i> , 2020, 56, 8139-8142.	4.1	3
13	Iron(II)-Catalyzed Hydroamination of Isocyanates. <i>Organometallics</i> , 2019, 38, 4115-4120.	2.3	9
14	Two-Dimensional Networks of Thiocyanuric Acid and Imine Bases Assisted by Weak Hydrogen Bonds. <i>Crystal Growth and Design</i> , 2019, 19, 5945-5954.	3.0	8
15	Host-guest selectivity in a series of isoreticular metal-organic frameworks: observation of acetylene-to-alkyne and carbon dioxide-to-amide interactions. <i>Chemical Science</i> , 2019, 10, 1098-1106.	7.4	47
16	Reaction of imidazoline-2-selone derivatives with mesityltellurenyl iodide: a unique example of a 3c-4e Se ⁺ Te ⁺ Se three-body system embedding a tellurenyl cation. <i>New Journal of Chemistry</i> , 2019, 43, 11821-11831.	2.8	7
17	[9]aneN ₃ -based fluorescent receptors for metal ion sensing, featuring urea and amide functional groups. <i>Dalton Transactions</i> , 2019, 48, 4949-4960.	3.3	14
18	A Highly Active Bidentate Magnesium Catalyst for Amine-Borane Dehydrocoupling: Kinetic and Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 6840-6846.	3.3	17

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19	Unequivocal Experimental Evidence of the Relationship between Emission Energies and Aurophilic Interactions. <i>Inorganic Chemistry</i> , 2019, 58, 4954-4961.	4.0	35
20	Electron crystallography. <i>IUCr</i> , 2019, 6, 786-787.	2.2	2
21	Heterobimetallic [NiFe] Complexes Containing Mixed CO/CN ^{â€“} Ligands: Analogs of the Active Site of the [NiFe] Hydrogenases. <i>Inorganic Chemistry</i> , 2018, 57, 2558-2569.	4.0	14
22	Cu(ⁱⁱ) complexes of a tridentate N,N,O-donor Schiff base of pyridoxal: synthesis, X-ray structures, DNA-binding properties and catecholase activity. <i>New Journal of Chemistry</i> , 2018, 42, 9588-9597.	2.8	42
23	Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity. <i>Crystal Growth and Design</i> , 2018, 18, 2555-2562.	3.0	49
24	Unusual and Tunable Negative Linear Compressibility in the Metalâ€“Organic Framework MFM-133(M) (M = Ti, Zr, Hf, U). <i>Chemistry of Materials</i> , 2018, 30, 137-160.	13.7	60
25	Perylene Diimide Triple Helix Formation in the Solid State. <i>Crystal Growth and Design</i> , 2018, 18, 802-807.	3.0	9
26	Dehydrogenation of dimethylamine-borane mediated by Group 1 pincer complexes. <i>Chemical Communications</i> , 2018, 54, 1825-1828.	4.1	18
27	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.	2.8	8
28	Dehydrocoupling of dimethylamineâ€“borane promoted by manganese(ⁱⁱ) <i>m</i> -terphenyl complexes. <i>Catalysis Science and Technology</i> , 2018, 8, 229-235.	4.1	14
29	Solid and solution states studies of two Mn(II) complexes based on <i>N</i> -oxidized pyridine-2,5-dicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2018, 71, 4058-4071.	2.2	8
30	High Volumetric Hydrogen Adsorption in a Porous Anthracene-Decorated Metalâ€“Organic Framework. <i>Inorganic Chemistry</i> , 2018, 57, 12050-12055.	4.0	23
31	Selective reduction and homologation of carbon monoxide by organometallic iron complexes. <i>Nature Communications</i> , 2018, 9, 3757.	12.8	36
32	An eight-coordinate zinc complex containing the highly pre-organized ligand 1,10-phenanthroline-2,9-dicarboxylic acid: Solvothermal synthesis, supramolecular structure and CSD studies. <i>Journal of Molecular Structure</i> , 2018, 1171, 626-630.	3.6	13
33	Rational Synthesis and Investigation of Porous Metalâ€“Organic Framework Materials from a Preorganized Heterometallic Carboxylate Building Block. <i>Inorganic Chemistry</i> , 2017, 56, 1599-1608.	4.0	63
34	Tailoring porosity and rotational dynamics in a series of octacarboxylate metal-organic frameworks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3056-3061.	7.1	73
35	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	12.8	128
36	1,8-Bis(silylamido)naphthalene complexes of magnesium and zinc synthesised through alkane elimination reactions. <i>Dalton Transactions</i> , 2017, 46, 4101-4110.	3.3	4

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37	Iron(II)-Catalyzed Hydrophosphination of Isocyanates. <i>Angewandte Chemie</i> , 2017, 129, 4923-4926.	2.0	7
38	Iron(II)-Catalyzed Hydrophosphination of Isocyanates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4845-4848.	13.8	34
39	A monomeric, heterobimetallic complex with an unsupported Mg-Fe bond. <i>Inorganica Chimica Acta</i> , 2017, 458, 97-100.	2.4	10
40	Halochromic coordination polymers based on a triarylmethane dye for reversible detection of acids. <i>Dalton Transactions</i> , 2017, 46, 465-470.	3.3	9
41	Gas adsorption and structural diversity in a family of Cu(II) pyridyl-isophthalate metal-organic framework materials. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160334.	3.4	10
42	Cyclotrimerisation of isocyanates catalysed by low-coordinate Mn and Fe m-terphenyl complexes. <i>Chemical Communications</i> , 2017, 53, 937-940.	4.1	35
43	Electronic Effects of Aromatic Rings on the Catalytic Activity of Dioxidomolybdenum(VI)-Hydrazone Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 999-1006.	2.0	51
44	Halogen-substituted ureas for anion binding: solid state and solution studies. <i>Supramolecular Chemistry</i> , 2017, 29, 875-886.	1.2	8
45	Total synthesis of (S)-aritasone via the ultra-high pressure hetero-Diels-Alder dimerisation of (S)-pinocarvone. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8523-8528.	2.8	12
46	Strukturbestimmungsmethoden zeigen ihre Stärke. <i>Angewandte Chemie</i> , 2017, 129, 11857-11858.	2.0	0
47	Porous Metal-Organic Polyhedral Frameworks with Optimal Molecular Dynamics and Pore Geometry for Methane Storage. <i>Journal of the American Chemical Society</i> , 2017, 139, 13349-13360.	13.7	99
48	Structure Determination Techniques Flex Their Muscles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11697-11698.	13.8	0
49	The effect of carboxylate position on the structure of a metal organic framework derived from cyclotrimeratrylene. <i>CrystEngComm</i> , 2017, 19, 603-607.	2.6	10
50	Piperazine-Based N4-Type 16-Membered Macrocyclics and Their Nickel(II) Complexes. <i>Macrocyclics</i> , 2017, 10, 98-109.	0.5	2
51	Catecholase activity, DNA binding and cytotoxicity studies of a Cu complex of a pyridoxal schiff base: synthesis, X-ray crystal structure, spectroscopic, electrochemical and theoretical studies. <i>RSC Advances</i> , 2016, 6, 86851-86861.	3.6	38
52	Amides Do Not Always Work: Observation of Guest Binding in an Amide-Functionalized Porous Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2016, 138, 14828-14831.	13.7	44
53	Coordination Chemistry of 2,2'-Bipyridyl- and 2,2':6',2''-Terpyridyl-Substituted BEDT-TTFs: Formation of a Supramolecular Capsule Motif by the Iron(II) Tris Complex of 2,2'-Bipyridine-4-thiomethyl-BEDT-TTF. <i>Inorganic Chemistry</i> , 2016, 55, 8543-8551.	4.0	4
54	Selective Adsorption of Sulfur Dioxide in a Robust Metal-Organic Framework Material. <i>Advanced Materials</i> , 2016, 28, 8705-8711.	21.0	214

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55	High-pressure studies of three polymorphs of a palladium(II) oxathioether macrocyclic complex. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 357-371.	1.1	4
56	Co(III) and Ni(II) complexes of an anthracene appended aroyl hydrazone: Synthesis, crystal structures, DNA binding and catecholase activity. <i>Polyhedron</i> , 2016, 117, 327-337.	2.2	39
57	Assembly of high nuclearity clusters from a family of tripodal tris-carboxylate ligands. <i>Polyhedron</i> , 2016, 120, 18-29.	2.2	5
58	Enhancement of CO ₂ Adsorption and Catalytic Properties by Fe-Doping of [Ga ₂ (OH) ₂ (L)] (H ₄ L = Biphenyl-3,3',5,5'-tetracarboxylic Acid), MFM-300(Ga ₂). <i>Inorganic Chemistry</i> , 2016, 55, 1076-1088.	4.0	70
59	Aurophilicity under pressure: a combined crystallographic and in situ spectroscopic study. <i>Chemical Communications</i> , 2016, 52, 6769-6772.	4.1	14
60	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
61	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
62	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
63	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	13.8	50
64	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	2.0	16
65	Energy level tuning of blue emitting and electron transporting vinylene bis(vinyl quinoliny)benzene derivatives: synthesis, characterisation, thin film characterisation and performance in OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6652-6667.	5.5	5
66	Alkaline Earth Complexes of a Sterically Demanding Guanidinate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5892-5902.	2.0	23
67	Epitaxial Retrieval of a Disappearing Polymorph. <i>Crystal Growth and Design</i> , 2015, 15, 115-123.	3.0	10
68	Thorium Triamidoamine Complexes: Synthesis of an Unusual Dinuclear Tuck-in-Tuck-over Thorium Metallacycle Featuring the Longest Known Thorium- ¹⁹¹ If-Alkyl Bond. <i>Organometallics</i> , 2015, 34, 2386-2394.	2.3	23
69	Expedient Synthesis of Homochiral 1-Aryl-Substituted 4,5-Dihydro-1H-imidazoles and Their Modification to N-Heterocyclic Carbene Precursors. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1819-1823.	2.4	3
70	Synthesis and characterisation of halide, separated ion pair, and hydride cyclopentadienyl iron bis(diphenylphosphino)ethane derivatives. <i>Dalton Transactions</i> , 2015, 44, 14159-14177.	3.3	15
71	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
72	Structural aspects of metal-organic framework-based energy materials research at Diamond. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20130149.	3.4	2

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73	An Inverted Sandwich Diuranium $\text{U}_2\text{Cyclopentadienyl}$ Complex Supported by $\text{U}(\text{Cp})_2$ Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	2.0	19
74	Tuning Coordination in Block Carbazoleyl Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 6949-6956.	3.3	15
75	Hirshfeld Surface Investigation of Structure-Directing Interactions within Dipicolinic Acid Derivatives. <i>Crystal Growth and Design</i> , 2015, 15, 1697-1706.	3.0	68
76	An Inverted Sandwich Diuranium $\text{U}_2\text{Cyclopentadienyl}$ Complex Supported by $\text{U}(\text{Cp})_2$ Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	13.8	52
77	Control of Assembly of Dihydropyridyl and Pyridyl Molecules via Directed Hydrogen Bonding. <i>Crystal Growth and Design</i> , 2015, 15, 4219-4224.	3.0	10
78	Isolation and Characterisation of 2-Tert-butyl-8-hydroxyquinoline as a Crystalline Solid and Its Blue Fluorescent Li Complex. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-5.	1.8	0
79	The Ketimide Ligand is Not Just an Inert Spectator: Heteroallene Insertion Reactivity of an Actinide Ketimide Linkage in a Thorium Carbene Amide Ketimide Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9356-9359.	13.8	36
80	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
81	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
82	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	13.8	130
83	A Novel Bismuth-Based Metal-Organic Framework for High Volumetric Methane and Carbon Dioxide Adsorption. <i>Chemistry - A European Journal</i> , 2014, 20, 8024-8029.	3.3	67
84	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
85	Modification of coordination networks through a photoinduced charge transfer process. <i>Chemical Science</i> , 2014, 5, 539-544.	7.4	28
86	Alkali metal derivatives of an ortho-phenylene diamine. <i>Dalton Transactions</i> , 2014, 43, 4351-4360.	3.3	17
87	Synthesis and characterisation of magnesium complexes containing sterically demanding N,N'-bis(aryl)amidinate ligands. <i>Dalton Transactions</i> , 2014, 43, 4838-4846.	3.3	28
88	Preparation and structural analysis of (Δ^{\pm})-cis-ethyl 2-sulfanylidenedecahydro-1,6-naphthyridine-6-carboxylate and (Δ^{\pm})-trans-ethyl 2-oxooctahydro-1H-pyrrolo[3,2-c]pyridine-5-carboxylate. <i>Acta Crystallographica Section C. Structural Chemistry</i> , 2014, 70, 1161-1168.	0.5	2
89	Reactivity of the uranium(^{IV}) carbene complex [U(BIPM)(TMS)(Cl)(C_6H_5) ₂ Li(THF) ₂] (BIPM(TMS)=) Tj ETQq1 1 0.784314 rgBT /Overl substrates: metallo-Wittig, adduct formation, C-F bond activation, and [2 + 2]-cycloaddition reactions. <i>Dalton Transactions</i> , 2014, 43, 14275-14283.	3.3	35
90	Dynamics of Ground and Excited State Vibrational Relaxation and Energy Transfer in Transition Metal Carbonyls. <i>Journal of Physical Chemistry B</i> , 2014, 118, 11781-11791.	2.6	37

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91	Analysis of High and Selective Uptake of CO ₂ in an Oxamide-Containing {Cu ₂ (OOCR) ₄ } ²⁺ -Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7317-7324.	3.3	119
92	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
93	Ligand influences on homoleptic Group 12 m-terphenyl complexes. <i>Dalton Transactions</i> , 2014, 43, 14257-14264.	3.3	10
94	Synthesis and Characterization of an f-Block Terminal Parent Imido [U ^{IV} NH] Complex: A Masked Uranium(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2014, 136, 5619-5622.	13.7	121
95	Influence of Crown Thioether Ligands in the Structures and of Perhalophenyl Groups in the Optical Properties of Complexes with Argentophilic Interactions. <i>Inorganic Chemistry</i> , 2014, 53, 10471-10484.	4.0	16
96	The role of 5f-orbital participation in unexpected inversion of the f-bond metathesis reactivity trend of triamidoamine thorium(IV) and uranium(IV) alkyls. <i>Chemical Science</i> , 2014, 5, 2489-2497.	7.4	94
97	Oxidovanadium(V) complexes containing hydrazone based O,N,O-donor ligands: Synthesis, structure, catalytic properties and theoretical calculations. <i>Polyhedron</i> , 2014, 69, 90-102.	2.2	58
98	High-pressure studies of palladium and platinum thioether macrocyclic dihalide complexes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 469-486.	1.1	6
99	Structural chemistry of metal coordination complexes at high pressure. <i>Coordination Chemistry Reviews</i> , 2014, 277-278, 187-207.	18.8	27
100	Synthesis, spectroscopic studies, X-ray crystal structures, electrochemical properties and DFT calculations of three Ni(II) complexes of aroyl hydrazone ligands bearing anthracene moiety. <i>Polyhedron</i> , 2014, 80, 272-281.	2.2	16
101	Crystal structure of {2,2'-[ethylenebis(nitrilomethanylylidene)]diphenolato- ⁴ O,N,N ² ,O ² }oxidovanadium(IV) methanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m380-m381.	0.2	1
102	New dicoumarol sodium compound: crystal structure, theoretical study and tumoricidal activity against osteoblast cancer cells. <i>Chemistry Central Journal</i> , 2013, 7, 110.	2.6	9
103	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. <i>Nature Communications</i> , 2013, 4, 2323.	12.8	50
104	Manganese(II) and copper(II) nitrate bis-imidazole coordination polymers: dimensionality and product morphology. <i>CrystEngComm</i> , 2013, 15, 9704.	2.6	5
105	Cubane and dicubane complexes stabilised by sterically demanding m-terphenyl ligands. <i>Chemical Communications</i> , 2013, 49, 9752.	4.1	8
106	Modulating the packing of [Cu ₂₄ (isophthalate) ₂₄] cuboctahedra in a triazole-containing metal-organic polyhedral framework. <i>Chemical Science</i> , 2013, 4, 1731.	7.4	123
107	² -Diketiminato Derivatives of Alkali Metals and Uranium. <i>Organometallics</i> , 2013, 32, 5058-5070.	2.3	27
108	A triamido-uranium(V) inverse-sandwich 10 ⁻ -toluene tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	3.3	49

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109	Heterometallic gold(i)-thallium(i) compounds with crown thioethers. Dalton Transactions, 2013, 42, 11559.	3.3	20
110	Five Coordinate M(II)-Diphenolate [M = Zn(II), Ni(II), and Cu(II)] Schiff Base Complexes Exhibiting Metal- and Ligand-Based Redox Chemistry. Inorganic Chemistry, 2013, 52, 660-670.	4.0	39
111	Structural Diversity in Alkali Metal Complexes of Sterically Demanding Carbazol-9-yl Ligands. Inorganic Chemistry, 2013, 52, 2678-2683.	4.0	15
112	Bis-thioether-Substituted Perylene Diimides: Structural, Electrochemical, and Spectroelectrochemical Properties. Journal of Organic Chemistry, 2013, 78, 2853-2862.	3.2	14
113	Irreversible Network Transformation in a Dynamic Porous Host Catalyzed by Sulfur Dioxide. Journal of the American Chemical Society, 2013, 135, 4954-4957.	13.7	123
114	Reactivity of the Yttrium Alkyl Carbene Complex [Y(BIPM)(CH ₂ C ₆ H ₅) ₃](THF) (BIPM = Tj ETQqO O rgBT /Overlock 10 Tf 50 542 Td ({C(PPh ₃ Substitutions, and Additions to Nontypical Transformations. Organometallics, 2013, 32, 1251-1264.	2.3	43
115	Bowing to the Pressure of π - π Interactions: Bending of Phenyl Rings in a Palladium(II) Thioether Crown Complex. Angewandte Chemie - International Edition, 2013, 52, 5093-5095.	13.8	18
116	Single-Molecule Magnetism in a Single-Ion Triamidoamine Uranium(V) Terminal Mono-Oxo Complex. Angewandte Chemie - International Edition, 2013, 52, 4921-4924.	13.8	133
117	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
118	Two Approaches to the Aromatic Core of the Aminonaphthoquinone Antibiotics. Journal of Organic Chemistry, 2013, 78, 5587-5603.	3.2	18
119	Isolation and characterization of a uranium(VI)-nitride triple bond. Nature Chemistry, 2013, 5, 482-488.	13.6	252
120	Reactivity Studies of a T-Shaped Yttrium Carbene: C-F and C-O Bond Activation and C-C Bond Formation Promoted by [Y(BIPM)(I)(THF) ₂] (BIPM = C(PPh ₂ NSiMe ₃) ₂). Organometallics, 2013, 32, 1239-1250.	2.3	35
121	Alkaline Earth Complexes of Silylated Aminopyridinato Ligands: Homoleptic Compounds and Heterobimetallic Coordination Polymers. Inorganic Chemistry, 2013, 52, 12429-12439.	4.0	23
122	Porphyrim-Based Metal Organic Frameworks: Unusual examples of Mn(II) carboxylate frameworks containing free-base porphyrins.. Zeitschrift Fur Kristallographie - Crystalline Materials, 2013, 228, 335-342.	0.8	4
123	A Cerium(IV)-Carbon Multiple Bond. Angewandte Chemie - International Edition, 2013, 52, 13016-13019.	13.8	91
124	Expanding the scope and influence of Acta Crystallographica Section B. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2013, 69, 311-312.	1.1	1
125	Conformational Isomerism in Monomeric, Low-Coordinate Group-12 Complexes Stabilized by a Naphthyl-Substituted <i>m</i> -Terphenyl Ligand. Chemistry - A European Journal, 2013, 19, 11446-11453.	3.3	7
126	An Actinide Zintl Cluster: A Tris(triamidouranium) ₃ - μ_2 - μ_2 - μ_2 -Heptaphosphanortricyclane and Its Diverse Synthetic Utility. Angewandte Chemie - International Edition, 2013, 52, 13334-13337.	13.8	63

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127	Synthesis and Characterisation of Lanthanide N-Trimethylsilyl and -Mesityl Functionalised Bis(iminophosphorano)methanides and -Methanediides. <i>Inorganics</i> , 2013, 1, 46-69.	2.7	18
128	Hydrogen-bonded chains formed by 5,5-diethylbarbituric acid and bipyridyl tectons. <i>Supramolecular Chemistry</i> , 2012, 24, 40-47.	1.2	4
129	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
130	Differences in the Pattern and Regulation of Mineral Deposition in Human Cell Lines of Osteogenic and Non-Osteogenic Origin. <i>Cells Tissues Organs</i> , 2012, 195, 484-494.	2.3	12
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305	Interaction of 2-(aryloxy)phenols with rhodium. Usual coordination vs. C-H and C-C activation. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1025-1032.	1.8	14
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837	Synthesis, structure and electrochemistry of [Pt([10]aneS ₃) ₂][PF ₆] ₂ ([10]aneS ₃) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422	1.1	26
838	Structural isomerism in silver thioether macrocyclic chemistry: the synthesis, redox properties and crystal structures of [Agn([15]aneS ₅) _n][PF ₆] _n ⁺ [Ag ₂ ([15]aneS ₅) ₂][BPh ₄] ₂ and [Ag([15]aneS ₅)][B(C ₆ F ₅) ₄][15]aneS ₅ = 1,4,7,10,13-pentathiacyclopentadecane). Journal of the Chemical Society Dalton Transactions, 1993, , 521-531.	1.1	48
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862	Thallium macrocyclic chemistry: synthesis and crystal structures of [Tl([18]aneN2S4)]PF6and [Tl([18]aneS6)]PF6([18]aneN2S4= 1,4,10,13-tetrathia-7,16-diazacyclooctadecane, [18]aneS6=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 1.1	1.1	13
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928	Synthesis, structures, and electrochemistry of palladium and platinum macrocyclic complexes of [18-aneN2S4(1,4,10,13-tetrathia-7,16-diazacyclo-octadecane) and Me2[18-aneN2S4(7,16-dimethyl-1,4,10,13-tetrathia-7,16-diazacyclo-octadecane). Single crystal X-ray structures of [Pd(Me2[18-aneN2S4)][PF6]2·Me2CO, [Pd(18-aneN2S4)][BPh4]2, and [Pd2Cl2(18-aneN2S4)][PF6]2·2MeCN. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3363-3373.	1.1	43
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