Timothy John Prior

List of Publications by Year
in descending order

160 papers	5,689 citations	147786 31 h-index	82542 72 g-index
169 all docs	169 docs citations	169 times ranked	5820 citing authors

#	Article	IF	Citations
1	Design, Chirality, and Flexibility in Nanoporous Molecule-Based Materials. Accounts of Chemical Research, 2005, 38, 273-282.	15.6	1,228
2	A Versatile Family of Interconvertible Microporous Chiral Molecular Frameworks:Â The First Example of Ligand Control of Network Chirality. Journal of the American Chemical Society, 2000, 122, 5158-5168.	13.7	609
3	Permanent Microporosity and Enantioselective Sorption in a Chiral Open Framework. Journal of the American Chemical Society, 2004, 126, 6106-6114.	13.7	510
4	Adsorption Dynamics of Gases and Vapors on the Nanoporous Metal Organic Framework Material Ni2(4,4â€˜-Bipyridine)3(NO3)4:Â Guest Modification of Host Sorption Behavior. Journal of the American Chemical Society, 2001, 123, 10001-10011.	13.7	296
5	CH Activation Reactions of Ruthenium N-Heterocyclic Carbene Complexes:Â Application in a Catalytic Tandem Reaction Involving CC Bond Formation from Alcohols. Journal of the American Chemical Society, 2007, 129, 1987-1995.	13.7	197
6	Designed layer assembly: a three-dimensional framework with 74% extra-framework volume by connection of infinite two-dimensional sheetsElectronic supplementary information (ESI) available: structure of the AAA stacked pyridine phase, asymmetric unit of 1, structure of phase 2, thermal stability of phase 2. See http://www.rsc.org/suppdata/cc/b2/b211124c/. Chemical Communications, 2003, , 500-501.	4.1	130
7	Synthesis and Crystal Structures of New Lanthanide Hydroxyhalide Anion Exchange Materials, Ln₂(OH)₅XÂ·1.5H₂O (X = Cl, Br; Ln = Y, Dy, Er, Yb). Chemistry of Materials, 2008, 20, 7447-7453.	6.7	127
8	Chiral Direction and Interconnection of Helical Three-Connected Networks in Metal-Organic Frameworks. Inorganic Chemistry, 2003, 42, 1564-1575.	4.0	113
9	Crystal engineering of a 3-D coordination polymer from 2-D building blocks. Chemical Communications, 2001, , 495-496.	4.1	87
10	Tris(pyridylmethylamino)cyclotriguaiacylene Cavitands: An Investigation of the Solution and Solid-State Behaviour of Metallo-Supramolecular Cages and Cavitand-Based Coordination Polymers. Chemistry - A European Journal, 2006, 12, 2945-2959.	3.3	80
11	A novel fluorescent â€œturn-onâ€•chemosensor for nanomolar detection of Fe(III) from aqueous solution and its application in living cells imaging. Biosensors and Bioelectronics, 2014, 61, 612-617.	10.1	76
12	Ligand flexibility and framework rearrangement in a new family of porous metalâ€“organic frameworks. Chemical Communications, 2007, , 1532-1534.	4.1	73
13	Recovery of Al, Cr and V from steel slag by bioleaching: Batch and column experiments. Journal of Environmental Management, 2018, 222, 30-36.	7.8	71
14	Putting pressure on elusive polymorphs and solvates. CrystEngComm, 2009, 11, 359-366.	2.6	60
15	Facile synthesis of interstitial metal nitrides with the filled Î²-manganese structure. Journal of Solid State Chemistry, 2003, 172, 138-147.	2.9	59
16	Growing spherulitic calcite grains in saline, hyperalkaline lakes: experimental evaluation of the effects of Mg-clays and organic acids. Sedimentary Geology, 2016, 335, 93-102.	2.1	58
17	High pressure co-ordination chemistry of a palladium thioether complex: pressure versus electrons. Chemical Communications, 2006, , 4081-4083.	4.1	56
18	Hydrogen Bond-Directed Hexagonal Frameworks Based on Coordinated 1,3,5-Benzenetricarboxylate. Journal of Solid State Chemistry, 2000, 152, 261-270.	2.9	54

#	Article	IF	Citations
19	Observation and Isolation of Layered and Framework Ytterbium Hydroxide Phases Using In Situ Energy-Dispersive X-ray Diffraction. Chemistry of Materials, 2010, 22, 2635-2645.	6.7	51
20	New Network Structures from Cu(II) Complexes of Chelating Ligands with Appended Hydrogen Bonding Sites. Crystal Growth and Design, 2008, 8, 643-653.	3.0	50
21	The structure of the melamineâ€“cyanuric acid co-crystal. CrystEngComm, 2013, 15, 5838.	2.6	50
22	The Dimeric â€œHandâ€Shakeâ€•Motif in Complexes and Metalloâ€“Supramolecular Assemblies of Cyclotriveratryleneâ€Based Ligands. Chemistry - A European Journal, 2008, 14, 10286-10296.	3.3	49
23	Synthesis and antibacterial effects of cobaltâ€“cellulose magnetic nanocomposites. RSC Advances, 2017, 7, 20020-20026.	3.6	47
24	New insights into the intercalation chemistry of Al(OH)3. Dalton Transactions, 2011, 40, 6012.	3.3	43
25	Macrocyclic scaffolds derived from p-aminobenzoic acid. Chemical Communications, 2007, , 2240.	4.1	40
26	Stabilisation of metastable polymorphs: the case of paracetamol form III. Chemical Communications, 2016, 52, 12028-12031.	4.1	39
27	A dense coordination polymer bearing an extensive and highly intricate hydrogen bonding array. Chemical Communications, 2001, , 1222-1223.	4.1	38
28	In Situ Characterization of Elusive Salt Hydratesâ€”The Crystal Structures of the Heptahydrate and Octahydrate of Sodium Sulfate. Journal of the American Chemical Society, 2008, 130, 17795-17800.	13.7	38
29	A Singleâ€Pot Template Reaction Towards a Manganeseâ€Based T₁ Contrast Agent. Angewandte Chemie - International Edition, 2021, 60, 10736-10744.	13.8	38
30	Structural chemistry of the cation-ordered perovskites Sr2CaMo1â^'xTexO6 (0â©½xâ©½1). Journal of Solid State Chemistry, 2005, 178, 153-157.	2.9	36
31	Synthesis, Structural Studies, and Oxidation Catalysis of the Late-First-Row-Transition-Metal Complexes of a 2-Pyridylmethyl Pendant-Armed Ethylene Cross-Bridged Cyclam. Inorganic Chemistry, 2015, 54, 2221-2234.	4.0	32
32	Multidentate ligands for the synthesis of multi-metallic complexes. Polyhedron, 2008, 27, 868-878.	2.2	30
33	Superparamagnetism and metal-site ordering in quaternary nitrides with the Î·-carbide structure. Journal of Materials Chemistry, 2004, 14, 3001-3007.	6.7	29
34	Vanadium(<scp>v</scp>) tetra-phenolate complexes: synthesis, structural studies and ethylene homo-(co-)polymerization capability. RSC Advances, 2015, 5, 89783-89796.	3.6	29
35	Zeolite-like nitrideâ€“chlorides with a predicted topology. Chemical Communications, 2007, , 4638.	4.1	28
36	Magnetic Ordering in Nitrides with the Î·-Carbide Structure, (Ni,Co,Fe)2(Ga,Ge)Mo3N. Inorganic Chemistry, 2010, 49, 1133-1143.	4.0	28

#	Article	IF	Citations
37	Concomitant Hydrate Polymorphism in the Precipitation of Sparfloxacin from Aqueous Solution. Crystal Growth and Design, 2008, 8, 114-118.	3.0	27
38	Simultaneous Differential Scanning Calorimetry-Synchrotron X-ray Powder Diffraction: A Powerful Technique for Physical Form Characterization in Pharmaceutical Materials. Analytical Chemistry, 2016, 88, 10111-10117.	6.5	27
39	An organocatalytic approach to the core of eunicellin. Chemical Communications, 2007, , 3954.	4.1	26
40	Organoaluminium Complexes Derived from Anilines or Schiff Bases for the Ringâ€Opening Polymerization of Îµâ€Caprolactone, Î´â€Valerolactone and racâ€Lactide. European Journal of Inorganic Chemistry, 2017, 2017, 1951-1965.	2.0	26
41	Ferromagnetic Nitrides with the Filled Î²-Mn Structure:Â Fe2-xMxMo3N (M = Ni, Pd, Pt). Chemistry of Materials, 2005, 17, 1867-1873.	6.7	24
42	Structural diversity in imidazolidinone organocatalysts: a synchrotron and computational study. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, o10-o14.	0.4	24
43	Organoaluminium complexes of ortho-, meta-, para-anisidines: synthesis, structural studies and ROP of Îµ-caprolactone (and rac-lactide). Catalysis Science and Technology, 2014, 4, 3025-3031.	4.1	22
44	Structural studies of Schiff-base [2 + 2] macrocycles derived from 2,2â€²-oxydianiline and the ROP capability of their organoaluminium complexes. Dalton Transactions, 2016, 45, 11990-12005.	3.3	22
45	Ionothermal synthesis, structure and characterization of three-dimensional zinc phosphates. Dalton Transactions, 2009, , 6715.	3.3	21
46	Are spherulitic lacustrine carbonates an expression of large-scale mineral carbonation? A case study from the East Kirkton Limestone, Scotland. Gondwana Research, 2017, 48, 101-109.	6.0	21
47	Interstitial nitrides revisited â€“ A simple synthesis of M Mo3N (MÂ= Fe, Co, Ni). Journal of Alloys and Compounds, 2019, 774, 69-74.	5.5	21
48	Bulk single crystal growth and magnetic studies of La1âˆ’xSrxCoO3+Î´. Journal of Crystal Growth, 2005, 275, e827-e832.	1.5	20
49	Tetraphenolate niobium and tantalum complexes for the ring opening polymerization of Îµ-caprolactone. Dalton Transactions, 2015, 44, 12349-12356.	3.3	20
50	Supramolecular assemblies constructed from inverted cucurbit[7]uril and lanthanide cations: synthesis, structure and sorption properties. RSC Advances, 2016, 6, 77805-77810.	3.6	20
51	On the high-pressure phase stability and elastic properties ofÎ²-titanium alloys. Journal of Physics Condensed Matter, 2017, 29, 155401.	1.8	20
52	Increase of Direct Câ€“C Coupling Reaction Yield by Identifying Structural and Electronic Properties of High-Spin Iron Tetra-azamacrocyclic Complexes. Inorganic Chemistry, 2018, 57, 8890-8902.	4.0	20
53	A Study of the Interaction Between Cucurbit[8]uril and Alkylâ€Substituted 4â€Pyrrolidinopyridinium Salts. Chemistry - an Asian Journal, 2019, 14, 235-242.	3.3	20
54	Interaction of a symmetrical Î±,Î±â€²,Î´,Î´â€²-tetramethyl-cucurbit[6]uril with Ln³⁺: potential applications for isolation of lanthanides. CrystEngComm, 2016, 18, 5028-5035.	2.6	19

#	Article	IF	Citations
55	Microwave-assisted hydrothermal synthesis of carbon monolith via a soft-template method using resorcinol and formaldehyde as carbon precursor and pluronic F127 as template. Materials Letters, 2014, 123, 198-201.	2.6	18
56	Stabilization of boron carbide via silicon doping. Journal of Physics Condensed Matter, 2015, 27, 015401.	1.8	18
57	Vanadium(<scp>v</scp>) phenolate complexes for ring opening homo- and co-polymerisation of Îµ-caprolactone, <scp>l</scp>-lactide and rac-lactide. RSC Advances, 2016, 6, 4792-4802.	3.6	18
58	Synthesis, structures and cytotoxicity studies of p-sulfonatocalix[4]arene lanthanide complexes. CrystEngComm, 2016, 18, 4977-4987.	2.6	17
59	Polymorphism in metal complexes of thiazole-4-carboxylic acid. Transition Metal Chemistry, 2016, 41, 783-793.	1.4	17
60	Turning on ROP activity in a bimetallic Co/Zn complex supported by a [2+2] Schiff-base macrocycle. Chemical Communications, 2019, 55, 11279-11282.	4.1	17
61	A study of the interaction between inverted cucurbit[7]uril and symmetric viologens. RSC Advances, 2017, 7, 461-467.	3.6	16
62	What Causes Carbonates to Form â€œShrubbyâ€•Morphologies? An Anthropocene Limestone Case Study. Frontiers in Earth Science, 2019, 7, .	1.8	16
63	Ferromagnetism in the beta-manganese structure: Fe1.5Pd0.5Mo3N. Journal of Physics Condensed Matter, 2004, 16, 2273-2281.	1.8	15
64	Molybdenum (VI) Imido Complexes Derived from Chelating Phenols: Synthesis, Characterization and É›-Caprolactone ROP Capability. Catalysts, 2015, 5, 1928-1947.	3.5	15
65	Synthesis, structural studies, and oxidation catalysis of the manganese(II), iron(II), and copper(II) complexes of a 2-pyridylmethyl pendant armed side-bridged cyclam. Inorganic Chemistry Communication, 2015, 59, 71-75.	3.9	15
66	Synthesis, structural studies, kinetic stability, and oxidation catalysis of the late first row transition metal complexes of 4,10-dimethyl-1,4,7,10-tetraazabicyclo[6.5.2]pentadecane. Dalton Transactions, 2015, 44, 12210-12224.	3.3	15
67	Mono- and Bis-Alkylation of Glyoxal-Bridged Tetraazamacrocycles Using Mechanochemistry. Journal of Organic Chemistry, 2016, 81, 890-898.	3.2	15
68	Tetraazamacrocyclic derivatives and their metal complexes as antileishmanial leads. Polyhedron, 2019, 163, 42-53.	2.2	15
69	Synthesis and Crystal Structures of Two Metal Urea Nitrates. Journal of Chemical Crystallography, 2009, 39, 558-563.	1.1	13
70	Co-crystallisation of cytosine with 1,10-phenanthroline: computational screening and experimental realisation. CrystEngComm, 2015, 17, 7130-7141.	2.6	13
71	pH-Dependent Modulation of Reactivity in Ruthenium(II) Organometallics. Organometallics, 2018, 37, 294-297.	2.3	13
72	Mono-oxo molybdenum(<scp>vi</scp>) and tungsten(<scp>vi</scp>) complexes bearing chelating aryloxides: synthesis, structure and ring opening polymerization of cyclic esters. Dalton Transactions, 2019, 48, 1454-1466.	3.3	13

#	Article	IF	Citations
73	Pd-Immobilized Schiff Base Double-Layer Macrocycle: Synthesis, Structures, Peroxidase Mimic Activity, and Antibacterial Performance. ACS Applied Materials & Interfaces, 2022, 14, 1423-1433.	8.0	12
74	Ionothermal synthesis and crystal structures of metal phosphate chains. Journal of Solid State Chemistry, 2010, 183, 1625-1631.	2.9	11
75	Microwave synthesis and crystal structures of two cobalt-4,4â€²-bipyridine-sulfate frameworks constructed from 1-D coordination polymers linked by hydrogen bonding. Polyhedron, 2011, 30, 259-268.	2.2	11
76	Multimetallic Lithium Complexes Derived from the Acids Ph₂C(X)CO₂H (X=OH,) Tj ETQq0 0 0 rgBT /Overlock ChemistrySelect, 2017, 2, 759-768.	1.5	11
77	Amino acid based gallium-68 chelators capable of radiolabeling at neutral pH. Dalton Transactions, 2017, 46, 16973-16982.	3.3	11
78	Synthesis and Structure of the Inclusion Complex {NdQ[5]K@Q[10](H2O)4}Â·4NO3Â·20H2O. Molecules, 2017, 22, 1147.	3.8	11
79	Acetate as a model for aspartate-based CXCR4 chemokine receptor binding of cobalt and nickel complexes of cross-bridged tetraazamacrocycles. Dalton Transactions, 2019, 48, 2785-2801.	3.3	11
80	Ethyleneglycol tungsten complexes of calix[6 and 8]arenes: synthesis, characterization and ROP of Îµ-caprolactone. Dalton Transactions, 2014, 43, 13612-13619.	3.3	10
81	Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of Îµ-caprolactone. RSC Advances, 2015, 5, 57414-57424.	3.6	10
82	Crystal structures and gas adsorption behavior of new lanthanide-benzene-1,4-dicarboxylate frameworks. Microporous and Mesoporous Materials, 2017, 251, 155-164.	4.4	10
83	Copper coordination polymers constructed from thiazole-5-carboxylic acid: Synthesis, crystal structures, and structural transformation. Journal of Solid State Chemistry, 2017, 245, 138-145.	2.9	10
84	Ferromagnetism in the filled Î²-Mn phase Fe2â€“xRhxMo3N. Journal of Materials Chemistry, 2005, 15, 3402.	6.7	9
85	Reductive synthesis of metal antimonides. Journal of Alloys and Compounds, 2010, 505, 428-433.	5.5	9
86	Polymorphism and Solidâ€“Gas/Solidâ€“Solid Reactions of Isonicotinic Acid, Isonicotinamide, and Nicotinamide Copper Chloride Compounds. Crystal Growth and Design, 2017, 17, 106-116.	3.0	9
87	A study of the interaction between inverted cucurbit[6]uril and symmetric viologens. New Journal of Chemistry, 2018, 42, 11085-11092.	2.8	9
88	Vanadium complexes derived from oxacalix[6]arenes: structural studies and use in the ring opening homo-/co-polymerization of Îµ-caprolactone/Î´-valerolactone and ethylene polymerization. Catalysis Science and Technology, 2021, 11, 624-636.	4.1	9
89	Microwave Assisted Crystal Growth of a New Organicâ€”Decavanadate Assembly: [V10O27(OH)]ÂÂ·Â2(C6N2H14)ÂÂ·Â(C6N2H13)ÂÂ·Â(C6N2H12)ÂÂ·Â2H2O. Journal of Inorganic and Organometallic Polymers and Materials, 2009, 19, 306-313.	3.7	8
90	Reactivity of the N-heterocyclic carbene complexes [Ru(IMes)2(CO)HX] (X=OH, Cl) with alkynes. Inorganica Chimica Acta, 2010, 363, 625-632.	2.4	8

#	Article	IF	Citations
91	[Ni(1,10-phenanthroline)2(H2O)2](NO3)2: A Simple Coordination Complex with a Remarkably Complicated Structure that Simplifies on Heating. Crystals, 2011, 1, 178-194.	2.2	8
92	Thermal Behavior of Benzoic Acid/Isonicotinamide Binary Cocrystals. Crystal Growth and Design, 2015, 15, 3249-3256.	3.0	8
93	Supramolecular assembly of cucurbit[6]uril and N-butyl-4-pyrrolidinopyridine. Supramolecular Chemistry, 2017, 29, 680-685.	1.2	8
94	Mechanistic Insights into Iron-Catalyzed Câ€“H Bond Activation and Câ€“C Coupling. Organometallics, 2021, 40, 2467-2477.	2.3	8
95	Dimroth-type rearrangement of 1-benzyl- and 1-glycosyl-5-aminoimidazoles to 4-(N-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	7
96	A second crystal form of [Ni(2,2â€²-bipyridine)(H2O)3(NO3)](NO3) featuring a different molecular orientation. Polyhedron, 2012, 31, 345-351.	2.2	7
97	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. Dalton Transactions, 2018, 47, 15983-15993.	3.3	7
98	An ethylene cross-bridged pentaazamacrocycle and its Cu2+ complex: constrained ligand topology and excellent kinetic stability. Chemical Communications, 2020, 56, 7519-7522.	4.1	7
99	Homoâ€•and Heteroâ€dinuclear Areneâ€Linked Osmium(II) and Ruthenium(II) Organometallics: Probing the Impact of Metal Variation on Reactivity and Biological Activity. Chemistry - A European Journal, 2020, 26, 11593-11603.	3.3	7
100	Titanium complexes bearing oxa- and azacalix[4, 6]arenes: structural studies and use in the ring opening homo-/co-polymerization of cyclic esters. Dalton Transactions, 2021, 50, 4396-4407.	3.3	7
101	Alkoxy-Functionalized Schiff-Base Ligation at Aluminum and Zinc: Synthesis, Structures and ROP Capability. Catalysts, 2021, 11, 1090.	3.5	7
102	Structural Chemistry of A3CuBO6(A = Ca, Sr; B = Mn, Ru, Ir) as a Function of Temperature. Inorganic Chemistry, 2005, 44, 197-205.	4.0	6
103	Two-dimensional anionic zinc benzenedicarboxylates: Ionothermal syntheses, structures, properties and structural transformation. Polyhedron, 2014, 68, 241-248.	2.2	6
104	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.	1.1	6
105	A series of new microporous lanthanide frameworks [Ln(C8H3NO6)(L)0.5(H2O)]Â·3H2O (Ln=Pr, Nd, Sm) Tj ETQq1 1 0.784314 rgBT / properties. Polyhedron, 2014, 81, 74-80.	2.2	6
106	Host-Guest Interaction of Cucurbit[8]uril with N-(3-Aminopropyl)cyclohexylamine: Cyclohexyl Encapsulation Triggered Ternary Complex. Molecules, 2018, 23, 175.	3.8	6
107	Water-Soluble Rhenium Phosphine Complexes Incorporating the Ph2C(X) Motif (X = Oâ€“, NHâ€“): Structural and Cytotoxicity Studies. Inorganic Chemistry, 2020, 59, 2367-2378.	4.0	6
108	Anti-inflammation and antimalarial profile of 5-pyridin-2-yl-1H-[1,2,4]triazole-3-carboxylic acid ethyl ester as a low molecular intermediate for hybrid drug synthesis. Research on Chemical Intermediates, 2022, 48, 885-898.	2.7	6

#	Article	IF	Citations
109	Î¼2-Aqua-bis(Î¼2-trifluoroaceto-Îº2O,Oâ€²)bis[bis(pyridine-ÎºN)(trifluoroacetato-ÎºO)cobalt(II)]. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1422-m1424.	0.2	5
110	A synchrotron study of mercury(I) acetate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1523-m1524.	0.2	5
111	Biomimetic polyorganosiloxanes: model compounds for new materials. Dalton Transactions, 2014, 43, 7734-7746.	3.3	5
112	Influence of secondary ligand on structures and topologies of lanthanide coordination polymers with 1,3,5-triazine-2,4,6-triamine hexaacetic acid. Journal of Coordination Chemistry, 2015, 68, 4184-4202.	2.2	5
113	Crystal structure of 4-carbamoylpyridinium chloride. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 436-439.	0.5	5
114	Coordination chemistry of [2 + 2] Schiff-base macrocycles derived from the dianilines [(2-NH2C6H4)2X] (X = CH2CH2, O): structural studies and ROP capability towards cyclic esters. Dalton Transactions, 2021, 50, 8057-8069.	3.3	5
115	Synthesis and characterization of two metallic spin-glass phases ofFeMo4Ge3. Physical Review B, 2008, 77, .	3.2	4
116	A Flexible Hexacarboxylate-Samarium(III) Metalâ€“Organic Framework: Synthesis, Structure and Spectroscopic Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1032-1038.	3.7	4
117	Modification of the anion sublattice in metal nitrides. Coordination Chemistry Reviews, 2013, 257, 1970-1977.	18.8	4
118	Crystal structures of two cross-bridged chromium(III) tetraazamacrocycles. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 148-152.	0.2	4
119	Mechanistic In Situ and Ex Situ Studies of Phase Transformations in Molecular Coâ€€rystals. Chemistry - A European Journal, 2020, 26, 14645-14653.	3.3	4
120	The Application of Reversible Intramolecular Sulfonamide Ligation to Modulate Reactivity in Organometallic Ruthenium(II) Diamine Complexes. Molecules, 2020, 25, 244.	3.8	4
121	Rare-earth metal complexes derived from the acids Ph2C(X)CO2H (X= OH, NH2): Structural and ring opening polymerization (ROP) studies. Journal of Molecular Structure, 2021, 1224, 129083.	3.6	4
122	Lead calix[n]arenes (n = 4, 6, 8): structures and ring opening homo-/co-polymerization capability for cyclic esters. Dalton Transactions, 2021, 50, 15140-15152.	3.3	4
123	Scandium calix[n]arenes (n = 4, 6, 8): structural, cytotoxicity and ring opening polymerization studies. Dalton Transactions, 2021, 50, 8302-8306.	3.3	4
124	Crystal structure of (1,3-thiazole-2-carboxylato-ÎºN)(1,3-thiazole-2-carboxylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (acid-Î 185-188.	0.5	4
125	Insights into crystallization mechanism: a synchrotron study of polymorphism in a cobalt acetate cluster compound. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m63-m66.	0.4	3
126	Melaminium 2,4,6-trihydroxybenzoate dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2133-o2133.	0.2	3

#	Article	IF	Citations
127	Desymmetrisation of (4R,5S)-4,5-diphenylimidazolidine-2-thione using pentafluorophenyl active esters. Tetrahedron Letters, 2010, 51, 1423-1425.	1.4	3
128	Pseudosymmetry in Cr(urea)4(H2O)2Â·3NO3. Journal of Chemical Crystallography, 2011, 41, 1616-1623.	1.1	3
129	(1R,3R,4R,6S)-4-(7-Methoxy-2-oxo-2H-chromen-6-yl)-1-methyl-3,6-dioxabicyclo[3.1.0]hexan-2-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3421-o3422.	0.2	3
130	Retention of crystallinity in bis(guaninium) sulfate hydrate upon partial and full dehydration. Solid State Sciences, 2013, 23, 102-108.	3.2	3
131	Interconvertible geometric isomers of Plasmodium falciparum dihydroorotate dehydrogenase inhibitors exhibit multiple binding modes. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3878-3882.	2.2	3
132	The effect of pressure on hydrogen solubility in Zircaloy-4. Journal of Nuclear Materials, 2019, 524, 256-262.	2.7	3
133	Bis(1,10-phenanthroline-Îº2N,Nâ€²)(sulfato-ÎºO)copper(II) ethanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m568-m569.	0.2	3
134	What are the different styles of calcite precipitation within a hyperalkaline leachate? A sedimentological Anthropocene case study. Depositional Record, 2022, 8, 355-381.	1.7	3
135	Crystal Structures, Thermogravimetric and Magnetic Properties of Four Organodiamine Templated Vanadium Oxide Frameworks: Influences of Diaminoalkane Templates. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 253-263.	3.7	2
136	Cobalt(ethylenediamine)sulfate: A Pillared Layered Coordination Polymer. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 352-357.	3.7	2
137	The Structure of the Antioxidant 2,3,4-Trihydroxybenzoic Acid Dihydrate. Journal of Chemical Crystallography, 2010, 40, 630-633.	1.1	2
138	Study of the hostâ€“guest interaction between N,Nâ€²-bis[4-(dimethylaminophenyl)methyl]butane-1,4-diamine and the cucuribit[n]urils (n = 6, 7). New Journal of Chemistry, 2019, 43, 14938-14943.	2.8	2
139	A Singleâ€Pot Template Reaction Towards a Manganeseâ€Based T 1 Contrast Agent. Angewandte Chemie, 2021, 133, 10831-10839.	2.0	2
140	Emission and theoretical studies of Schiff-base [2+2] macrocycles derived from 2,2â€²-oxydianiline and zinc complexes thereof. Dyes and Pigments, 2021, 190, 109300.	3.7	2
141	Crystal structure of dichlorido(4,11-dimethyl-1,4,8,11-tetraazabicyclo[6.6.2]hexadecane)iron(III) hexafluoridophosphate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1073-1076.	0.5	2
142	Bis(2,4,6-triamino-1,3,5-triazin-1-ium) 2-[bis(carboxylatomethyl)azaniumyl]acetate trihydrate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1674-o1675.	0.2	2
143	A study of the inclusion complex formed between cucurbit[8]uril and isonicotinic acid. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2022, 102, 619-628.	1.6	2
144	Niobium and Tantalum complexes derived from the acids Ph₂C(X)CO₂H (X =) Tj ETQq0 0 0 rgBT /Overlock 10 14146-14154.	2.8	2

#	Article	IF	Citations
145	Pentastrontium trilead nickel dodecaoxide, Sr5Pb3NiO12. Journal of Chemical Crystallography, 2004, 34, 255-258.	1.1	1
146	Tris(ethylenediamine-Î²2N,Nâ€²)cadmium(II) dinitrate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m352-m354.	0.2	1
147	A Chiral Decorated Metalâ€“Isonicotinate Coordination Polymer. Journal of Chemical Crystallography, 2013, 43, 299-305.	1.1	1
148	Crystal structures ofNâ€²-aminopyridine-2-carboximidamide andNâ€²-{[1-(pyridin-2-yl)ethylidene]amino}pyridine-2-carboximidamide. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1021-1025.	0.5	1
149	Crystal structures and Hirshfeld surface analysis of transition-metal complexes of 1,3-azolecarboxylic acids. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1319-1326.	0.5	1
150	Synthesis, characterisation and ROP catalytic evaluation of Cu(II) complexes bearing 2,2Ê¹-diphenylglycine-derived moieties. Polyhedron, 2021, 195, 114977.	2.2	1
151	Î¼3-Methoxido-Î²3O:O:O-tris(Î¼-L-p-tyrosinato-Î²3N,O:O)tris(L-p-tyrosinato-Î²2N,O)trinickel(II,III) methanol tetrasolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m286-m287.	0.2	1
152	Ferromagnetic Nitrides with the Filled Î²-Mn Structure: Fe2-xMxMo3N (M: Ni, Pd, Pt).. ChemInform, 2005, 36, no.	0.0	0
153	A synchrotron study of Ba5Ta2Cl2O9. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i127-i128.	0.2	0
154	Intercalated brucite-type layered cobalt(II) hydroxysulfate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i52-i52.	0.2	0
155	Preparation and Characterization of Bis(Î¼-1,2-diaminoethane)cobalt(II) Hexavanadate: A Layered Polyoxovanadate Pillared by a Cobalt Coordination Complex. Journal of Chemical Crystallography, 2009, 39, 525-529.	1.1	0
156	A Redetermination of the Structure of 5,5â€²-Dithiobis(2-nitrobenzoic acid) monohydrate. Journal of Chemical Crystallography, 2012, 42, 1190-1195.	1.1	0
157	Probing the Limits of Tetraazamacrocycleâ€“Glyoxal Condensates as Bidentate Ligands for Cu²⁺. European Journal of Inorganic Chemistry, 2015, 2015, 4678-4688.	2.0	0
158	(1-Butyl-1,4-diazabicyclo[2.2.2]octon-1-ium-Î²N4)trichloridocobalt(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m321-m322.	0.2	0
159	Expanding and quantifying the crystal chemistry of the flexible ligand 15aneN5. CrystEngComm, 2022, 24, 1218-1236.	2.6	0
160	A study of the inclusion complex formed between cucurcubit[7]uril and 1-[4-(dimethylamino)phenyl]-ethanone. Polyhedron, 2022, , 115938.	2.2	0