

Ann M Chippindale

List of Publications by Year in descending order

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60
papers

1,544
citations

218677

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all docs

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docs citations

65
times ranked

1471
citing authors

#	ARTICLE	IF	CITATIONS
1	A Thermoreversible Supramolecular Polyurethane with Excellent Healing Ability at 45 °C. <i>Macromolecules</i> , 2015, 48, 6132-6141.	4.8	87
2	An Antimony Sulfide with Copper Pillars: $[C_4H_{12}N_2]_{0.5}[CuSb_6S_{10}]$. <i>Chemistry of Materials</i> , 2002, 14, 1220-1224.	6.7	86
3	Copper(I) Cyanide: A Simple Compound with a Complicated Structure and Surprising Room-Temperature Reactivity. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 628-630.	13.8	86
4	Surprises from a Simple Material—The Structure and Properties of Nickel Cyanide. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7116-7118.	13.8	83
5	An adhesive elastomeric supramolecular polyurethane healable at body temperature. <i>Chemical Science</i> , 2016, 7, 4291-4300.	7.4	65
6	CoGaPO-5: Synthesis and crystal structure of $(C_6N_2H_{14})_2[Co_4Ga_5P_9O_{36}]$, a microporous cobalt-gallium phosphate with a novel framework topology. <i>Zeolites</i> , 1997, 18, 176-181.	0.5	54
7	A new mixed-valent copper-antimony sulfide: $[H_2NCH_2CH_2NH_2]_{0.5}[Cu_2SbS_3]$. <i>Dalton Transactions RSC</i> , 2000, , 4192-4195.	2.3	52
8	Mixed Copper, Silver, and Gold Cyanides, $(M_x)M_2CN$: Tailoring Chain Structures To Influence Physical Properties. <i>Journal of the American Chemical Society</i> , 2012, 134, 16387-16400.	13.7	50
9	Local and Average Structure in Zinc Cyanide: Toward an Understanding of the Atomistic Origin of Negative Thermal Expansion. <i>Journal of the American Chemical Society</i> , 2013, 135, 16478-16489.	13.7	44
10	Synthesis and characterisation of $[C_4NH_{10}][CoGaP_2O_8]$, a CoGaPO analogue of the zeolite gismondine. <i>Chemical Communications</i> , 1996, , 673-674.	4.1	42
11	Solvothermal synthesis of novel antimony sulphides containing 6Sb4S792? units. <i>Solid State Ionics</i> , 2004, 172, 601-605.	2.7	42
12	Solvothermal synthesis and structural characterisation of the first ammonium cobalt gallium phosphate hydrate, $NH_4[CoGa_2P_3O_{12}(H_2O)_2]$. <i>Journal of Materials Chemistry</i> , 1996, 6, 611.	6.7	41
13	Interpenetrating Copper-Silver Cyanometallate Networks: Polymorphs and Topological Isomers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7942-7946.	13.8	41
14	Synthesis and characterisation of transition-metal-substituted gallium phosphates with the laumontite structure. <i>Zeolites</i> , 1997, 19, 326-333.	0.5	39
15	CGS: cobalt and zinc gallophosphates with a new open-framework topology. <i>Microporous and Mesoporous Materials</i> , 1999, 28, 163-172.	4.4	37
16	Heteroatom-substituted microporous gallium phosphates. <i>Microporous and Mesoporous Materials</i> , 1998, 21, 271-279.	4.4	35
17	Synthesis and Characterization of a Large-Pore, Open-Framework Gallium Phosphate, $[NH_3(CH_2)_4NH_3]_2[Ga_4(HPO_4)_2(PO_4)_3(OH)_3] \cdot \gamma H_2O$ ($\gamma \approx 45.4$), and Its Vanadium Gallium Phosphate Analogue, $[NH_3(CH_2)_4NH_3]_2[Ga_4^xV_x(HPO_4)_2(PO_4)_3(OH)_3] \cdot \gamma H_2O$ ($x \approx 0.4$, $\gamma \approx 46$). <i>Journal of Solid State Chemistry</i> , 1999, 145, 379-386.		35
18	MnGaPO-2: Synthesis and Characterization of $[MnGa(PO_3OH)_2(PO_4)][C_6N_2H_{14}]$, a New Microporous Manganese Gallium Phosphate. <i>Chemistry of Materials</i> , 1997, 9, 2830-2835.	6.7	33

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19	Synthesis, structure and magnetic characterisation of a new layered ammonium manganese(ii) diphosphate hydrate, (NH ₄) ₂ [Mn ₃ (P ₂ O ₇) ₂ (H ₂ O) ₂] Electronic supplementary information (ESI) available: powder XRD data, atomic coordinates and thermal parameters, IR data, bond valence calculations, TGA. See http://www.rsc.org/suppdata/im/b3/b304003h/ . Journal of Materials Chemistry, 2003, 13, 1950.	6.7	32
20	The synthesis and characterisation of four new antimony sulphides incorporating transition-metal complexes. Journal of Physics and Chemistry of Solids, 2007, 68, 1215-1219.	4.0	31
21	Structures and negative thermal expansion properties of the one-dimensional cyanides, CuCN, AgCN and AuCN. Zeitschrift für Kristallographie, 2010, 225, .	1.1	31
22	Synthesis and characterisation of [TH] [ZnGaP ₂ O ₈] (T=CN ₃ H ₅ and C ₄ NH ₉); two microporous zinc-gallium phosphates with the gismondine structure. Microporous and Mesoporous Materials, 1998, 24, 133-141.	4.4	30
23	Aperiodicity, structure, and dynamics in Ni(CN) ₂ . Physical Review B, 2009, 80, .	3.2	30
24	The Threading of [(CuCN) ₂ (4,4'-bpy)] Sheets by CuCN Chains. Zeitschrift für Anorganische und Allgemeine Chemie, 2005, 631, 542-545.	1.2	28
25	Structure determination, magnetic and optical properties of a new chromium(II) thioantimonate, [Cr((NH ₂ CH ₂ CH ₂) ₃ N)]Sb ₄ S ₇ . Journal of Physics and Chemistry of Solids, 2008, 69, 1000-1006.	4.0	28
26	Spectroelectrochemical study of complexes [Mo(CO) ₂ (1-3-allyl)(1±-diimine)(NCS)] (1±-diimine = Bis(2,6-dimethylphenyl)-acenaphthenequinonediimine and 2,2'-bipyridine) exhibiting different molecular structure and redox reactivity. Journal of Organometallic Chemistry, 2014, 760, 30-41.	1.8	28
27	Title is missing!. Journal of Materials Chemistry, 2001, 11, 3172-3179.	6.7	27
28	Multiwavelength X-ray diffraction studies of ZnGaPOs; distinguishing isoelectronic framework cations. Microporous and Mesoporous Materials, 2002, 51, 51-64.	4.4	26
29	Lattice dynamics and negative thermal expansion in the framework compound $ZnNi_{2-x}Mg_xMo_{1-x}O_{10}$ with two-dimensional and three-dimensional local environments. Physical Review B, 2019, 99, .		
30	Ambient-temperature syntheses of layered iron(III) phosphates in silica gels. Dalton Transactions RSC, 2000, , 3425-3428.	2.3	23
31	Bending, Twisting, and Breaking CuCN Chains to Produce Framework Materials: The Reactions of CuCN with Alkali-Metal Halides. Inorganic Chemistry, 2004, 43, 8040-8048.	4.0	21
32	Topotactic Oxidation of TiGaPO-1, a Pyridine-Templated Titanium Gallophosphate with a New Octahedral-Tetrahedral 3-D Framework Structure Containing Ti ^{III} /Ti ^{IV} . Inorganic Chemistry, 2005, 44, 4121-4123.	4.0	18
33	Structures of Pd(CN) ₂ and Pt(CN) ₂ : Intrinsically Nanocrystalline Materials?. Inorganic Chemistry, 2011, 50, 104-113.	4.0	18
34	(4,4'-Bipyridine)dichloromanganese(II), a two-dimensional coordination polymer. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 651-652.	0.4	17
35	Helices, Chirality and Interpenetration: the Versatility and Remarkable Interconversion of Silver-Copper Cyanide Frameworks. Journal of the American Chemical Society, 2009, 131, 12736-12744.	13.7	17
36	Crystallization and lamellar nanosheet formation of an aromatic dipeptoid. Chemical Communications, 2019, 55, 5867-5869.	4.1	17

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37	New copper (I) cyanide networks: Interpenetration, self-penetration and polymorphism. <i>Solid State Sciences</i> , 2006, 8, 379-387.	3.2	15
38	Group 6 Metal Complexes as Electrocatalysts of CO ₂ Reduction: Strong Substituent Control of the Reduction Path of [Mo(³ -allyl)(CO) ₂](<i>x</i>)-2-dimethyl-2,2'-bipyridine)(NCS)] (<i>x</i> = 1) $\frac{2}{3} \frac{1}{10} \frac{14}{0} \frac{rgBT}{0V}$	2.3	10
39	Synthesis and Characterization of an Organically Templated Lamellar Vanadium Gallium Phosphate, [NH ₃ (CH ₂) ₂ NH ₃] ₄ [Ga _x V _x (HPO ₄) ₅ (PO ₄) ₃ H(OH) ₂](<i>x</i> =1.65). <i>Journal of Solid State Chemistry</i> , 2001, 159, 59-67.	2.9	12
40	Discovery of novel 1,2,4-triazolo-1,2,4-triazines with thiomethylpyridine hinge binders as potent c-Met kinase inhibitors. <i>Future Medicinal Chemistry</i> , 2019, 11, 1119-1136.	2.3	10
41	Phonon dynamics in the layered negative thermal expansion compounds CuxNi _{2-<i>x</i>} (CN) ₄ . <i>Physical Review B</i> , 2019, 100, .	3.2	9
42	A crystallographic and theoretical study of an (<i>E</i>)-2-Hydroxyiminoethanone derivative: prediction of cyclooxygenase inhibition selectivity of stilbenoids by MM-PBSA and the role of atomic charge. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1555-1566.	3.5	9
43	Simple linear asymmetrical complexes of silver(i): NC ⁻ Ag ⁺ NH ₃ and Br ⁻ Ag ⁺ NH ₃ . <i>Chemical Communications</i> , 2008, , 3010.	4.1	8
44	Multiple Roles of 1,4-Diazabicyclo[2.2.2]octane in the Solvothermal Synthesis of Iodobismuthates. <i>Inorganic Chemistry</i> , 2021, 60, 5333-5342.	4.0	8
45	Synthesis and crystal structure of a 3-D zinc phosphate, [C ₅ N ₂ H ₁₄][Zn ₂ (PO ₃ (OH)) ₃], containing (4.8) net sheets. <i>Comptes Rendus Chimie</i> , 2005, 8, 521-529.	0.5	7
46	Nitroarylurea-terminated supramolecular polymers that exhibit facile thermal repair and aqueous swelling-induced sealing of defects. <i>Polymer</i> , 2018, 140, 1-9.	3.8	7
47	New insights into the compressibility and high-pressure stability of Ni(CN) ₂ : a combined study of neutron diffraction, Raman spectroscopy, and inelastic neutron scattering. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 045402.	1.8	6
48	Control of framework stoichiometry in MeGaPO laumontites using 1-methylimidazole as structure-directing agent. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 368-376.	4.4	5
49	Bis[bis(methoxycarbimido)aminato]copper(II) 1-methylpyrrolidin-2-one disolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m485-m487.	0.4	4
50	Transition Metal Linkage of Antimony Sulfide Chains in [M(dien) ₂]{Sb ₁₈ S ₃₀ }(dien) ₂ (<i>M</i> = Mn, Fe, Co). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1402-1407.	1.2	4
51	Solvothermal synthesis of a new 3-D mixed-metal sulfide framework, (H _{1.33} tren)[In _{2.67} Sb _{1.33} S ₈] \cdot tren. <i>Journal of Solid State Chemistry</i> , 2016, 243, 44-49.	2.9	3
52	Anomalous thermal expansion in one-dimensional transition metal cyanides: Behavior of the trimetallic cyanide $Cu_3Ag_3M_3(CN)_{12}$	3.2	3
53	Self-immolative System for Disclosure of Reactive Electrophilic Alkylating Agents: Understanding the Role of the Reporter Group. <i>Journal of Organic Chemistry</i> , 2021, 86, 10263-10279.	3.2	3
54	Potassium nickel(II) gallium phosphate hydrate, K[NiGa ₂ (PO ₄) ₃ (H ₂ O) ₂]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, i38-i39.	0.2	2

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55	Effect of the 2-R-Allyl and Chloride Ligands on the Cathodic Paths of [Mo(η^3 -2-R-allyl)(η^1 -diimine)(CO) ₂ Cl] (R = H, CH ₃ ; η^1 -diimine = 6,6'-Dimethyl-2,2'-bipyridine, Bis(p-tolylimino)acenaphthene). <i>Organometallics</i> , 2021, 40, 1598-1613.	2.3	2
56	Poly[(2,2'-bipyridine- η^2 N,N')(η^1 / η^2 -dihydrogen phosphato- η^2 O:O')(η^1 / η^2 -hydrogen phosphato- η^2 O:O')aluminium(III)], Al(2,2'-bipy)(HPO ₄)(H ₂ PO ₄), a layered inorganic-organic hybrid material. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m372-m374.	0.4	1
57	Dicopper(II) trihydroxide cyanoureate dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, i39-i41.	0.4	1
58	Intra- and Interchain Interactions in (Cu _{1/2} Au _{1/2})CN, (Ag _{1/2} Au _{1/2})CN, and (Cu _{1/3} Ag _{1/3} Au _{1/3})CN and Their Effect on One-, Two-, and Three-Dimensional Order. <i>Inorganic Chemistry</i> , 2020, 59, 11704-11714.	4.0	1
59	Topotactic Oxidation of TiGaPO-1, a Pyridine-Templated Titanium Gallophosphate with a New Octahedral-Tetrahedral 3-D Framework Structure Containing TiIII/TiIV.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
60	A new and facile synthesis of N-benzyl-N'-acylureas via reaction of dibenzoylhydrazine carboxamide and benzylamines. <i>Synthetic Communications</i> , 0, , 1-9.	2.1	0