

Jason R Price

List of Publications by Year in descending order

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docs citations

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times ranked

3538
citing authors

#	ARTICLE	IF	CITATIONS
1	Guest-Dependent Isomer Convergence of a Permanently Fluxional Coordination Cage. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	8
2	Guest-Dependent Isomer Convergence of a Permanently Fluxional Coordination Cage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	21
3	Thermosalience Revealed on the Atomic Scale: Rapid Synchrotron Techniques Uncover Molecular Motion Preceding Crystal Jumping. <i>Crystal Growth and Design</i> , 2022, 22, 1951-1959.	3.0	1
4	Regulation of Multistep Spin Crossover Across Multiple Stimuli in a 2-D Framework Material. <i>Inorganic Chemistry</i> , 2022, 61, 6641-6649.	4.0	6
5	Determining the mechanisms of deformation in flexible crystals using micro-focus X-ray diffraction. <i>CrystEngComm</i> , 2021, 23, 5731-5737.	2.6	23
6	Elastically flexible molecular crystals. <i>Chemical Society Reviews</i> , 2021, 50, 11725-11740.	38.1	81
7	Dual-supramolecular contacts induce extreme Hofmann framework distortion and multi-stepped spin-crossover. <i>Dalton Transactions</i> , 2021, 50, 1434-1442.	3.3	9
8	Side-Chain Interactions in <i>d</i> -Peptide Nanotubes: Studies by Crystallography, NMR Spectroscopy and Molecular Dynamics. <i>Chemistry - A European Journal</i> , 2021, 27, 14489-14500.	3.3	5
9	The mechanism of bending in co-crystals of caffeine and 4-chloro-3-nitrobenzoic acid. <i>Nature Communications</i> , 2021, 12, 5983.	12.8	15
10	Guest Removal and External Pressure Variation Induce Spin Crossover in Halogen-Functionalized 2-D Hofmann Frameworks. <i>Inorganic Chemistry</i> , 2020, 59, 14296-14305.	4.0	19
11	[U(H ₂ O) ₂]{[(UO ₂) ₁₀ O ₁₀ (OH) ₂][(UO ₄)]} (H ₂ O) ₁₂ A Mixed-Valence Uranium Oxide Hydrate Framework. <i>Inorganic Chemistry</i> , 2020, 59, 12166-12175.	4.0	12
12	Hydrogen atoms in bridging positions from quantum crystallographic refinements: influence of hydrogen atom displacement parameters on geometry and electron density. <i>CrystEngComm</i> , 2020, 22, 4778-4789.	2.6	25
13	Crystal structure of posnjakite formed in the first crystal water-cooling line of the ANSTO Melbourne Australian Synchrotron MX1 Double Crystal Monochromator. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1136-1138.	0.5	0
14	All about that base: investigating the role of ligand basicity in pyridyl complexes derived from a copper-Schiff base coordination polymer. <i>Dalton Transactions</i> , 2019, 48, 15553-15559.	3.3	5
15	A Novel Approach to High-Performance Aliovalent-Substituted Catalysts—2D Bimetallic MOF-Derived CeCuO _x Microsheets. <i>Small</i> , 2019, 15, e1903525.	10.0	46
16	Syntheses and crystal structures of two uranyl peroxide nanoclusters with a diphosphonate linker ligand. <i>Polyhedron</i> , 2019, 174, 114161.	2.2	2
17	Predictable Substituent Control of CoIII/II Redox Potential and Spin Crossover in Bis(dipyridylpyrrolide)cobalt Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 2218-2228.	4.0	24
18	Lanthanide mononuclear complexes with a tridentate Schiff base ligand: Structures, spectroscopies and properties. <i>Polyhedron</i> , 2019, 165, 125-131.	2.2	1

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19	Diastereoselective Control of Tetraphenylethene Reactivity by Metal Template Self-Assembly. <i>Chemistry - A European Journal</i> , 2019, 25, 5708-5718.	3.3	11
20	MX2: a high-flux undulator microfocus beamline serving both the chemical and macromolecular crystallography communities at the Australian Synchrotron. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 885-891.	2.4	346
21	[Fe(C5Ar5)(CO)2Br] complexes as hydrogenase mimics for the catalytic hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2018, 223, 234-241.	20.2	30
22	Molecular Switches for any pH: A Systematic Study of the Versatile Coordination Behaviour of Cyclam Scorpionands. <i>Chemistry - A European Journal</i> , 2018, 24, 1573-1585.	3.3	11
23	Phase Control of Ferromagnetic Copper(II) Carbonate Coordination Polymers through Reagent Concentration. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5223-5228.	2.0	9
24	Thorium(IV) and Uranium(IV) Complexes with Cucurbit[5]uril. <i>Inorganic Chemistry</i> , 2018, 57, 8588-8598.	4.0	8
25	Rage Against Conformity: Ruthenium(II) Bisterpyridine Complexes Respond to Crystal Engineering Instructions with Whelming Results. <i>Australian Journal of Chemistry</i> , 2017, 70, 529.	0.9	3
26	Wilhelmsbergite, [ZnFe ²⁺ Fe ³⁺] ₃ (PO ₄) ₃ (OH) ₄ (H ₂ O) ₅ , a new schoonerite-related mineral from the Hagendorf Saldz pegmatite, Bavaria. <i>Mineralogical Magazine</i> , 2017, 81, 287-296.	1.4	9
27	Synthesis of Two 2,2'-Bipyridine Containing Macrocycles for the Preparation of Interlocked Architectures. <i>Australian Journal of Chemistry</i> , 2017, 70, 588.	0.9	3
28	Hydrothermal synthesis, structures and magnetic properties of two new holmium(III) oxalato complexes. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2040-2051.	2.2	3
29	Parallel and antiparallel cyclic peptide nanotubes. <i>Chemical Communications</i> , 2017, 53, 6613-6616.	4.1	36
30	Predicting the Position of the Hydrogen Atom in the Short Intramolecular Hydrogen Bond of the Hydrogen Maleate Anion from Geometric Correlations. <i>Crystal Growth and Design</i> , 2017, 17, 3812-3825.	3.0	18
31	A Bridge Too Far: Testing the Limits of Polypyridyl Ligands in Bridging Soluble Subunits of a Coordination Polymer. <i>Crystal Growth and Design</i> , 2017, 17, 6603-6612.	3.0	11
32	Zincoberaunite, ZnFe ₃ 5(PO ₄) ₄ (OH) ₅ ·6H ₂ O, a new mineral from the Hagendorf South pegmatite, Germany. <i>Mineralogy and Petrology</i> , 2017, 111, 351-361.	1.1	6
33	Chiral Ruthenium(II) Complexes as Supramolecular Building Blocks for Heterometallic Self-Assembly. <i>Inorganic Chemistry</i> , 2016, 55, 12737-12751.	4.0	18
34	Penberthycroftite, [Al ₆ (AsO ₄) ₃ (OH) ₉ (H ₂ O) ₅] ₈ ·8H ₂ O, a second new hydrated aluminium arsenate mineral from the Penberthy Croft mine, St. Hilary, Cornwall, UK. <i>Mineralogical Magazine</i> , 2016, 80, 1149-1160.	1.4	5
35	Tverdite, Fe ²⁺ Fe ³⁺ ₂ Al ₃ (PO ₄) ₄ (OH) ₅ (OH) ₂ , a new phosphate mineral from Krásno near Horná Slavkov, Czech Republic. <i>Mineralogical Magazine</i> , 2016, 80, 1077-1088.	1.4	12
36	Dioxo-vanadium(V), oxo-rhenium(V) and dioxo-uranium(VI) complexes with a tridentate Schiff base ligand. <i>RSC Advances</i> , 2016, 6, 75045-75053.	3.6	19

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37	Hydrothermal synthesis, structures and properties of two uranyl oxide hydroxyl hydrate phases with Co(Co^{II}) or Ni(Ni^{II}) ions. <i>New Journal of Chemistry</i> , 2016, 40, 5357-5363.	2.8	22
38	Hysteretic Four-Step Spin Crossover within a Three-Dimensional Porous Hofmann-Like Material. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15105-15109.	13.8	102
39	Hysteretic Four-Step Spin Crossover within a Three-Dimensional Porous Hofmann-Like Material. <i>Angewandte Chemie</i> , 2016, 128, 15329-15333.	2.0	23
40	One-dimensional uranium(VI) coordination polymers with pyridinecarboxylate ligands. <i>Polyhedron</i> , 2016, 113, 88-95.	2.2	8
41	3d transition metal complexes with a julolidine-quinoline based ligand: structures, spectroscopy and optical properties. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 286-295.	6.0	10
42	Structures, Electrochemical and Spectral Properties of a Series of $[\text{MnN}(\text{CN})_3(\text{diimine})]$ -Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2752-2757.	2.0	5
43	Bettertonite, $[\text{Al}_6(\text{AsO}_4)_3(\text{OH})_9(\text{H}_2\text{O})_5] \cdot 11\text{H}_2\text{O}$, a new mineral from the Penberthy Croft mine, St. Hilary, Cornwall, UK, with a structure based on polyoxometalate clusters. <i>Mineralogical Magazine</i> , 2015, 79, 1849-1858.	1.4	6
44	Synthesis, spectroscopic characterization and crystal structures of thorium(IV) mononuclear lactato and hexanuclear formate complexes. <i>Polyhedron</i> , 2015, 87, 377-382.	2.2	13
45	Uranium(VI) coordination polymers with pyromellitate ligand: Unique 1D channel structures and diverse fluorescence. <i>Journal of Solid State Chemistry</i> , 2015, 226, 42-49.	2.9	30
46	Crystallographic ordering of aluminium in laueite at Hagendorf- $\frac{1}{4}$ d. <i>Mineralogical Magazine</i> , 2015, 79, 309-319.	1.4	2
47	The crystal structure of cyanotrichite. <i>Mineralogical Magazine</i> , 2015, 79, 321-335.	1.4	6
48	MX1: a bending-magnet crystallography beamline serving both chemical and macromolecular crystallography communities at the Australian Synchrotron. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 187-190.	2.4	336
49	Uranyl peroxide clusters stabilized by dicarboxylate ligands: A pentagonal ring and a dimer with extensive uranyl-cation interactions. <i>Polyhedron</i> , 2015, 92, 99-104.	2.2	9
50	Thorium(IV) organic frameworks with aromatic polycarboxylate ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 82, 163-172.	1.6	10
51	Uranium(U^{VI}) complexes with isonicotinic acid: from monomer to 2D polymer with unique U-N bonding. <i>RSC Advances</i> , 2015, 5, 33249-33253.	3.6	37
52	Comparison of uranium(VI) and thorium(IV) coordination polymers with p-toluenesulfonic acid. <i>Polyhedron</i> , 2015, 91, 98-103.	2.2	16
53	Flurlite, $\text{Zn}_3\text{Mn}_2\text{Fe}_3(\text{PO}_4)_3(\text{OH})_2 \cdot 9\text{H}_2\text{O}$, a new mineral from the Hagendorf $\frac{1}{4}$ d pegmatite, Bavaria, with a schoonerite-related structure. <i>Mineralogical Magazine</i> , 2015, 79, 1175-1184.	1.4	7
54	The crystal structure of camerolaite and structural variation in the cyanotrichite family of merotypes. <i>Mineralogical Magazine</i> , 2014, 78, 1527-1552.	1.4	15

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55	Magnetic and Electronic Properties of Three New Hetero-Bimetallic Coordination Frameworks [Ru ₂ (O ₂ CR) ₄][Au(CN) ₂] (R = Benzoic Acid, Furan-2-carboxylate, or Thiophen-2-carboxylate). Australian Journal of Chemistry, 2014, 67, 1607.	0.9	7
56	Ba ²⁺ -Cu ordering in bariopharmacoalumite-Q2a2b2c from Cap Garonne, France. Mineralogical Magazine, 2014, 78, 851-860.	1.4	7
57	Perturbation of Spin Crossover Behavior by Covalent Post-Synthetic Modification of a Porous Metal-Organic Framework. Angewandte Chemie, 2014, 126, 10328-10332.	2.0	24
58	First stable nitrate-encapsulated sandwich type polyoxometalate: Synthesis, structural characterization, and catalytic performance. Inorganic Chemistry Communication, 2014, 43, 39-44.	3.9	12
59	Selective Gas Adsorption in a Pair of Robust Isostructural MOFs Differing in Framework Charge and Anion Loading. Inorganic Chemistry, 2014, 53, 12076-12083.	4.0	29
60	Multifunctional MOFs through CO ₂ fixation: a metamagnetic kagome lattice with uniaxial zero thermal expansion and reversible guest sorption. Dalton Transactions, 2014, 43, 14766-14771.	3.3	21
61	Kinetics vs. thermodynamics: a unique crystal transformation from a uranyl peroxo-nanocluster to a nanoclustered uranyl polyborate. RSC Advances, 2014, 4, 34244-34247.	3.6	17
62	Dysprosium complexes with mono-/di-carboxylate ligands: From simple dimers to 2D and 3D frameworks. Journal of Solid State Chemistry, 2014, 219, 1-8.	2.9	27
63	The influence of stereochemically active lone-pair electrons on crystal symmetry and twist angles in lead apatite-2H type structures. Mineralogical Magazine, 2014, 78, 325-345.	1.4	15
64	Perturbation of Spin Crossover Behavior by Covalent Post-Synthetic Modification of a Porous Metal-Organic Framework. Angewandte Chemie - International Edition, 2014, 53, 10164-10168.	13.8	81
65	Improved accessibility to the desoxy analogues of ¹¹ C-9-tetrahydrocannabinol and cannabidiol. Tetrahedron Letters, 2013, 54, 52-54.	1.4	22
66	Chiral edge-shared octahedral chains in liskeardite, [(Al,Fe) ₃₂ (AsO ₄) ₁₈ (OH) ₄₂ (H ₂ O) ₂₂] <u>·</u> 52H ₂ O, an open framework mineral with a pharmacoalumite-related structure. Mineralogical Magazine, 2013, 77, 3125-3135.	1.4	10
67	Synthesis and crystal structures of uranium (VI) and thorium (IV) complexes with picolinamide and malonamide. Inorganic Chemistry Communication, 2013, 37, 219-221.	3.9	18
68	Spectroscopic Studies and Crystal Structures of Double Thorium(IV) Oxalates with Sodium Ions. European Journal of Inorganic Chemistry, 2013, 2013, 6170-6174.	2.0	13
69	True and quasi-isomorphism in tetrakis(acetonitrile)coinage metal(i) salts. CrystEngComm, 2013, 15, 1125.	2.6	7
70	[V ₁₆ O ₃₈ (CN)] ⁹⁻ : A Soluble Mixed-Valence Redox-Active Building Block with Strong Antiferromagnetic Coupling. Inorganic Chemistry, 2012, 51, 9192-9199.	4.0	55
71	Oxidative Arylation of Isochroman. Journal of Organic Chemistry, 2012, 77, 949-955.	3.2	96
72	Copper, Nickel, and Zinc Cyclam-Amino Acid and Cyclam-Peptide Complexes May Be Synthesized with <u>·</u> Click-Chemistry and Are Noncytotoxic. Inorganic Chemistry, 2011, 50, 12823-12835.	4.0	35

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73	A new modification of an old framework: Hofmann layers with unusual tetracyanidometallate groups. <i>Dalton Transactions</i> , 2011, 40, 11621.	3.3	18
74	A Click Fluorophore Sensor that Can Distinguish Cu ^{II} and Hg ^{II} via Selective Anion-Induced Demetallation. <i>Chemistry - A European Journal</i> , 2011, 17, 2850-2858.	3.3	65
75	Tuning Coordination Environments Through Ligand Redox Chemistry: the Thiol - Disulfide Reaction. <i>Australian Journal of Chemistry</i> , 2010, 63, 1334.	0.9	9
76	Doubly Pyridazine-bridged Dicobalt(II) and Dinickel(II) Side-by-side Complexes of Variously Substituted Conjugated Bis-bidentate Ligands. <i>Australian Journal of Chemistry</i> , 2010, 63, 779.	0.9	4
77	Redox addressable ligands in copper(i) coordination chemistry: thione and oligosulfide-bridged 6-methyl-2,2'-bipyridines. <i>CrystEngComm</i> , 2010, 12, 2928.	2.6	6
78	A strategy for controlling charge and conformation in 2,2'-bipyridine complexes for use in photonic applications. <i>Inorganic Chemistry Communication</i> , 2010, 13, 74-76.	3.9	6
79	First example of a CLICK reaction of a coordinated 4-azido-2,2',6',2''-terpyridine ligand. <i>Inorganic Chemistry Communication</i> , 2010, 13, 495-497.	3.9	17
80	Capturing copper(II) ions using {Cu(tpy)(bpy)} domains. <i>Inorganic Chemistry Communication</i> , 2010, 13, 683-685.	3.9	9
81	Half a grid is better than no grid: competition between 2,2',6',2''-terpyridine and 3,6-di(pyrid-2-yl)pyridazine for copper(ii). <i>Dalton Transactions</i> , 2010, 39, 2337.	3.3	19
82	Sticky complexes: carboxylic acid-functionalized N-phenylpyridin-2-ylmethanimine ligands as anchoring domains for copper and ruthenium dye-sensitized solar cells. <i>Dalton Transactions</i> , 2010, 39, 3585.	3.3	50
83	When five are six: the myth of five-coordinate copper(ii) in supramolecular chemistry. <i>CrystEngComm</i> , 2010, 12, 3163.	2.6	19
84	Copper(I) Templated Synthesis of a 2,2'-Bipyridine Derived 2-Catenane: Synthetic, Modelling, and X-ray Studies. <i>Australian Journal of Chemistry</i> , 2009, 62, 1014.	0.9	34
85	Metal-mediated thiol-disulfide interconversion—a new tool for metallosupramolecular chemistry. <i>Dalton Transactions</i> , 2008, , 3795.	3.3	9
86	Factors Influencing Tetranuclear [2 × 2] Grid vs Dinuclear Side-by-Side Structures for Silver(I) Complexes of Pyridazine-Based Bis-Bidentate Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 10729-10738.	4.0	37
87	Pyridazine-bridged copper(i) complexes of bis-bidentate ligands: tetranuclear [2 × 2] grid versus dinuclear side-by-side architectures as a function of ligand substituents. <i>Dalton Transactions</i> , 2007, , 1807.	3.3	27
88	Control of molecular architecture by steric and electronic factors: dinuclear side-by-side vs. tetranuclear [2 × 2] grid-type silver(i) complexes. <i>Dalton Transactions</i> , 2006, , 1491.	3.3	32
89	Polyamine-based anion receptors: Extraction and structural studies. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2987-3003.	18.8	126
90	Macrocyclic ligand design. Structure-function relationships involving the interaction of pyridinyl-containing, oxygen-nitrogen donor macrocycles with selected transition and post transition metal ions on progressive N-benylation of their secondary amines. <i>Dalton Transactions</i> , 2004, , 3715-3726.	3.3	26

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91	New Macrocyclic Ligands. XVI. Synthesis of a Series of N-Benzylated Macrocycles Incorporating N4O2-Donor Set. Australian Journal of Chemistry, 2003, 56, 1141.	0.9	1
92	Macrocyclic ligand design. Structure–function relationships involving the interaction of pyridinyl-containing, mixed oxygen–nitrogen donor macrocycles with cobalt(ii), nickel(ii), copper(ii), zinc(ii), cadmium(ii), silver(i) and lead(ii). Dalton Transactions RSC, 2002, , 2185-2193.	2.3	86
93	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 41, 185-191.	1.6	7