

Christopher M Pask

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multipurpose made colorimetric materials for amines, pH change and metal ion detection. RSC Advances, 2022, 12, 2684-2692.	1.7	4
2	Crystallization Behavior and Crystallographic Properties of α -Arabinose and β -Xylose Diastereomer Sugars. Crystal Growth and Design, 2022, 22, 1371-1383.	1.4	8
3	Iron(II) Complexes of 4-(Alkyldisulfanyl)-2,6-di(pyrazolyl)pyridine Derivatives. Correlation of Spin-Crossover Cooperativity with Molecular Structure Following Single-Crystal-to-Single-Crystal Desolvation. Crystal Growth and Design, 2022, 22, 1960-1971.	1.4	5
4	Heteroleptic iron(II) complexes of chiral 2,6-bis(oxazolin-2-yl)-pyridine (PyBox) and 2,6-bis(thiazolin-2-yl)pyridine ligands – the interplay of two different ligands on the metal ion spin state. Dalton Transactions, 2022, 51, 4262-4274.	1.6	6
5	Structural optimization of reversible dibromomaleimide peptide stapling. Peptide Science, 2021, 113, e24157.	1.0	6
6	Bis(bipyridine)ruthenium(II) Ferrocenyl η^2 -diketonate Complexes: Exhibiting Nanomolar Potency against Human Cancer Cell Lines. Chemistry - A European Journal, 2021, 27, 3737-3744.	1.7	15
7	Rhodium(III) Dihalido Complexes: The Effect of Ligand Substitution and Halido Coordination on Increasing Cancer Cell Potency. Inorganic Chemistry, 2021, 60, 2076-2086.	1.9	7
8	Repurposing an Introductory Organic and Inorganic Laboratory Course from the Focus on Teaching Theory to the Focus on Teaching Practical Technique. Journal of Chemical Education, 2021, 98, 1910-1918.	1.1	10
9	Bis(N -picolinamido)cobalt(II) Complexes Display Antifungal Activity toward Candida albicans and Aspergillus fumigatus. ChemMedChem, 2021, 16, 3210-3221.	1.6	2
10	Spin-States of Diastereomeric Iron(II) Complexes of 2,6-Bis(thiazolin-2-yl)pyridine (ThioPyBox) Ligands and a Comparison with the Corresponding PyBox Derivatives. Inorganic Chemistry, 2021, 60, 14336-14348.	1.9	8
11	The facile and additive-free synthesis of a cell-friendly iron(III)-glutathione complex. Dalton Transactions, 2020, 49, 10574-10579.	1.6	3
12	Solid-State Characterization and Role of Solvent Molecules on the Crystal Structure, Packing, and Physicochemical Properties of Different Quercetin Solvates. Crystal Growth and Design, 2020, 20, 6573-6584.	1.4	22
13	An Investigation of Halogen Bonding as a Structure-Directing Interaction in Dithiadiazolyl Radicals. Crystal Growth and Design, 2020, 20, 4313-4324.	1.4	8
14	Silver(I) N-Heterocyclic Carbene Complexes Derived from Clotrimazole: Antiproliferative Activity and Interaction with an Artificial Membrane-Based Biosensor. Organometallics, 2020, 39, 1318-1331.	1.1	11
15	η^2 -diketonate versus η^2 -ketoiminate: The Importance of a Ferrocenyl Moiety in Improving the Anticancer Potency. ChemBioChem, 2020, 21, 1988-1996.	1.3	6
16	Elucidating the Structural Chemistry of a Hysteretic Iron(II) Spin-Crossover Compound From its Copper(II) and Zinc(II) Congeners. Chemistry - A European Journal, 2020, 26, 4833-4841.	1.7	8
17	Anticancer, antifungal and antibacterial potential of bis(η^2 -ketoiminato)ruthenium(II) carbonyl complexes. Inorganica Chimica Acta, 2019, 498, 119025.	1.2	6
18	Relationship between the Molecular Structure and Switching Temperature in a Library of Spin-Crossover Molecular Materials. Inorganic Chemistry, 2019, 58, 9811-9821.	1.9	56

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19	Tethered N-Heterocyclic Carbene-Carboranyl Silver Complexes for Cancer Therapy. <i>Organometallics</i> , 2019, 38, 2530-2538.	1.1	17
20	Cyclotrimeratrylene-tethered trinuclear palladium(η^5 -NHC complexes; reversal of site selectivity in Suzuki-Miyaura reactions. <i>Dalton Transactions</i> , 2019, 48, 14687-14695.	1.6	7
21	Complex Phase Behaviour and Structural Transformations of Metal-Organic Frameworks with Mixed Rigid and Flexible Bridging Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 1353-1362.	1.7	2
22	η^2 -Ketoiminato Iridium(III) Organometallic Complexes: Selective Cytotoxicity towards Colorectal Cancer Cells HCT116 <i>Chemistry - A European Journal</i> , 2019, 25, 495-500.	1.7	10
23	Bis- <i>trans</i> -picolinamide Ruthenium(III) Dihalide Complexes: Dichloride-Diiodide Exchange Generates Single <i>trans</i> -Isomers with High Potency and Cancer Cell Selectivity. <i>Chemistry - A European Journal</i> , 2017, 23, 6341-6356.	1.7	20
24	Iridium catalyzed alkylation of 2-hydroxyacetophenone with alcohols under thermal or microwave conditions. <i>Tetrahedron Letters</i> , 2017, 58, 4400-4402.	0.7	2
25	Synthesis and Characterisation of Fused Heterocyclic Molecular Rods: A Combined Experimental and Theoretical Study on Diethynyl Dithienothiophenyl Derivatives. <i>ChemistrySelect</i> , 2017, 2, 5958-5964.	0.7	5
26	Crystallographic Structure, Intermolecular Packing Energetics, Crystal Morphology and Surface Chemistry of Salmeterol Xinafoate (Form I). <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 882-891.	1.6	13
27	Cytotoxic hydrogen bridged ruthenium quinaldamide complexes showing induced cancer cell death by apoptosis. <i>Dalton Transactions</i> , 2016, 45, 13196-13203.	1.6	11
28	Iridium catalyzed three component cycloaddition cascades to fused ring heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 2774-2777.	0.7	4
29	Structural studies of titanium(IV) picolinamide alkoxide and oxide derivatives. <i>Polyhedron</i> , 2016, 116, 136-143.	1.0	3
30	Tethered N-heterocyclic carbene-carboranes: unique ligands that exhibit unprecedented and versatile coordination modes at rhodium. <i>Chemical Communications</i> , 2016, 52, 6443-6446.	2.2	32
31	Chelating N-heterocyclic carbene-carboranes offer flexible ligand coordination to Ir(III), Rh(III) and Ru(II): effect of ligand cyclometallation in catalytic transfer hydrogenation. <i>Dalton Transactions</i> , 2016, 45, 15818-15827.	1.6	25
32	Structural Studies of Perfluoroaryldiselenadiazolyl Radicals: Insights into Dithiadiazolyl Chemistry. <i>Inorganic Chemistry</i> , 2016, 55, 11747-11759.	1.9	27
33	Hydrocarbon constrained peptides - understanding preorganisation and binding affinity. <i>Chemical Science</i> , 2016, 7, 3694-3702.	3.7	63
34	Hypoxia-Sensitive Metal η^2 -Ketoiminato Complexes Showing Induced Single-Strand DNA Breaks and Cancer Cell Death by Apoptosis. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4940-4953.	2.9	58
35	Solid-state structure, solution-state behaviour and catalytic activity of electronically divergent C,N-chelating palladium-N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2015, 44, 15938-15948.	1.6	11
36	η^2 -Alkenyl endo-palladacycle formation via regiospecific functionalisation of an unreactive NHC-tethered C(sp ²)-H bond. <i>Chemical Communications</i> , 2015, 51, 5513-5515.	2.2	6

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37	Rhodium, Iridium, and Ruthenium Half-Sandwich Picolinamide Complexes as Anticancer Agents. <i>Inorganic Chemistry</i> , 2014, 53, 727-736.	1.9	122
38	Crystal structure of poly[1/4-acetato-bis[1/4-2-oxo-2-(quinolin-8-yl)ethanoato]trisodium]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m385-m386.	0.2	0
39	Pressure-Induced Enhancement of Magnetic Ordering Temperature in an Organic Radical to 70 K: A Magnetostructural Correlation. <i>Chemistry - A European Journal</i> , 2012, 18, 8629-8633.	1.7	36
40	The Combined Synthesis and Coloration of Poly(lactic acid). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 291-294.	7.2	18
41	Co-crystallisation of thiazyl radicals: preparation and crystal structure of [PhCNSSN][C6F5CNSSN]. <i>CrystEngComm</i> , 2009, 11, 2048.	1.3	33
42	Reactions of Sn(NMe ₂) ₂ with MPH ₂ Cy: The Effects of Alkali Metal Phosphide Coupling (Cy=Cyclohexyl); <i>Tetrahedron Letters</i> , 2007, 48, 1787-1790.	1.7	14
43	Synthesis of 2,6-di(pyrazol-1-yl)-4-bromomethylpyridine, and its conversion to other 2,6-di(pyrazol-1-yl)pyridines substituted at the pyridine ring. <i>Tetrahedron</i> , 2007, 63, 291-298.	1.0	33
44	2-[5-(2,2-Dimethylpropanamido)-1H-pyrazol-3-yl]pyridinium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2933-o2933.	0.2	0
45	Two complexes of copper(II) salts with 5-amino-3-(pyrid-2-yl)-1H-pyrazole, the prototype for a new class of ditopic ligand. <i>Dalton Transactions</i> , 2006, , 662-664.	1.6	15
46	Reactions of Sn(NMe ₂) ₂ with Alkali-Metal tert-Butylphosphides t-BuPH ₂ (M = Li, Na, K): Evidence for Metal-Induced Modification of the Tin(II) Phosphinidene Anions. <i>Organometallics</i> , 2006, 25, 3275-3281.	1.1	21
47	Synthesis of a new series of ditopic proligands for metal salts: differing regiochemistry of electrophilic attack at 3-(5-amino-5-(pyrid-2-yl)-1H-pyrazole). <i>Tetrahedron Letters</i> , 2006, 47, 2531-2534.	0.7	29
48	Quadruple Deprotonation of 2-Aminophenylphosphane with a p-Block-Metal/Alkali-Metal Base. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3456-3459.	7.2	17
49	Reductive Elimination of Phosphide Units: The Basis of a General Approach to a Range of Alloys and Materials. <i>ChemInform</i> , 2005, 36, no.	0.1	0
50	Reactions of Sn(NMe ₂) ₂ with Primary Aryl Phosphides, ArPH ₂ : Synthesis and Structures of the Heteroleptic Cages [Sn(PhPPh)(PPh) ₂](NaPMDTA) ₄ and [Sn(PhPPh) ₃][Sn(PPh) ₃]. <i>Organometallics</i> , 2005, 24, 1813-1818.	1.1	14
51	Synthesis and Magnetic Properties of the Novel Dithiadiazolyl Radical, p-NCC6F4C6F4CNSSN. <i>Molecules</i> , 2004, 9, 771-781.	1.7	32
52	THE ORGANIC FERROMAGNET p-O ₂ NC6F4CNSSN. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 975-976.	0.8	1
53	Reductive-elimination of phosphide units; the basis of a general approach to a range of alloys and materials. <i>Journal of Materials Chemistry</i> , 2004, 14, 3093-3100.	6.7	6
54	Synthesis and Structure of [Sn ₂ (PMe ₂) ₃] ₂ K ⁺ ·3THF, Exhibiting Multifunctional Coordination of [Sn ₂ (PMe ₂) ₃] ₂ -Anions to K ⁺ . <i>Organometallics</i> , 2004, 23, 4821-4823.	1.1	7

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55	Stabilisation of an ortho-deprotonated mesityl group within the unusual $[\{2,4,6\text{-Me}_3\text{C}_6\text{H}_2\text{P}\}\{4,6\text{-Me}_2\text{C}_6\text{H}_2(2\text{-CH}_2\text{P})\text{Sn}\}]_3$ stannate ion. Electronic supplementary information (ESI) available: synthesis of 1. See http://www.rsc.org/suppdata/cc/b3/b303390m/ . Chemical Communications, 2003, , 1524.	2.2	17
56	A Thiazyl-Based Organic Ferromagnet. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4782-4785.	7.2	130
57	Spin-density distribution of the high T_c $p\text{-O}_2\text{N}\cdot\text{C}_6\text{F}_4\cdot\text{CNSSN}$ free radical studied by polarised neutron diffraction. <i>Polyhedron</i> , 2003, 22, 2301-2305.	1.0	5
58	Spin-density distribution in the new molecular magnet $p\text{-O}_2\text{N}\cdot\text{C}_6\text{F}_4\cdot\text{CNSSN}$. <i>Physica B: Condensed Matter</i> , 2003, 335, 1-5.	1.3	18
59	Antiferromagnetic Resonance Studies on the Spin-Canted Molecular Magnet $\hat{I}^2\text{-p-NCC}_6\text{F}_4\text{CNSSN}$. <i>Journal of Physical Chemistry B</i> , 2003, 107, 14158-14160.	1.2	12
60	Concomitant polymorphs: structural studies on the trimorphic dithiadiazolyl radical, ClCNSSN . <i>Dalton Transactions RSC</i> , 2002, , 2522.	2.3	48
61	Synthesis and Structure of the Octanuclear Manganese(II) Cage $[(\text{I-Cp})\text{Mn}\{2\text{-NH}(4,6\text{-Me}_2\text{pm})\}\cdot\text{Mn}\{2\text{-N}(4,6\text{-Me}_2\text{Pm})\}]_4$ (Cp = C_5H_5 , pm = Pyrimidine). <i>Organometallics</i> , 2001, 20, 4135-4137.	1.1	33