

# Christopher M Pask

## List of Publications by Year in descending order

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61  
papers

1,193  
citations

430442

18  
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414034

32  
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66  
docs citations

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times ranked

1698  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Thiazyl-Based Organic Ferromagnet. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4782-4785.	7.2	130
2	Rhodium, Iridium, and Ruthenium Half-Sandwich Picolinamide Complexes as Anticancer Agents. <i>Inorganic Chemistry</i> , 2014, 53, 727-736.	1.9	122
3	Hydrocarbon constrained peptides – understanding preorganisation and binding affinity. <i>Chemical Science</i> , 2016, 7, 3694-3702.	3.7	63
4	Hypoxia-Sensitive Metal $\eta^2$ -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
5	Relationship between the Molecular Structure and Switching Temperature in a Library of Spin-Crossover Molecular Materials. <i>Inorganic Chemistry</i> , 2019, 58, 9811-9821.	1.9	56
6	Concomitant polymorphs: structural studies on the trimorphic dithiadiazolyl radical, ClCNSSN. <i>Dalton Transactions RSC</i> , 2002, , 2522.	2.3	48
7	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
8	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 <sub>5</sub> H <sub>5</sub> , pm = Pyrimidine). <i>Organometallics</i> , 2001, 20, 4135-4137.	1.1	33
9	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
10	Co-crystallisation of thiazyl radicals: preparation and crystal structure of [PhCNSSN][C <sub>6</sub> F <sub>5</sub> CNSSN]. <i>CrystEngComm</i> , 2009, 11, 2048.	1.3	33
11	Synthesis and Magnetic Properties of the Novel Dithiadiazolyl Radical, p-NCC <sub>6</sub> F <sub>4</sub> C <sub>6</sub> F <sub>4</sub> CNSSN. <i>Molecules</i> , 2004, 9, 771-781.	1.7	32
12	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
13	Synthesis of a new series of ditopic proligands for metal salts: differing regiochemistry of electrophilic attack at 3{5}-amino-5{3}-(pyrid-2-yl)-1H-pyrazole. <i>Tetrahedron Letters</i> , 2006, 47, 2531-2534.	0.7	29
14	Structural Studies of Perfluoroaryldiselenadiazolyl Radicals: Insights into Dithiadiazolyl Chemistry. <i>Inorganic Chemistry</i> , 2016, 55, 11747-11759.	1.9	27
15	Chelating N-heterocyclic carbene-carboranes offer flexible ligand coordination to Ir <sup>III</sup> , Rh <sup>III</sup> and Ru <sup>II</sup> : effect of ligand cyclometallation in catalytic transfer hydrogenation. <i>Dalton Transactions</i> , 2016, 45, 15818-15827.	1.6	25
16	Solid-State Characterization and Role of Solvent Molecules on the Crystal Structure, Packing, and Physicochemical Properties of Different Quercetin Solvates. <i>Crystal Growth and Design</i> , 2020, 20, 6573-6584.	1.4	22
17	Reactions of Sn(NMe <sub>2</sub> ) <sub>2</sub> with Alkali-Metal tert-Butylphosphidate BuPHM (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
18	Bis-picolinamide Ruthenium(III) Dihalide Complexes: Dichloride to Diiodide Exchange Generates Single <i>cis</i> and <i>trans</i> Isomers with High Potency and Cancer Cell Selectivity. <i>Chemistry - A European Journal</i> , 2017, 23, 6341-6356.	1.7	20

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19	Spin-density distribution in the new molecular magnet p-O <sub>2</sub> N-C <sub>6</sub> F <sub>4</sub> -CNSSN. <i>Physica B: Condensed Matter</i> , 2003, 335, 1-5.	1.3	18
20	The Combined Synthesis and Coloration of Poly(lactic acid). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 291-294.	7.2	18
21	Stabilisation of an ortho-deprotonated mesityl group within the unusual [2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> P]{4,6-Me <sub>2</sub> C <sub>6</sub> H <sub>2</sub> (2-CH <sub>2</sub> )P}Sn <sup>3+</sup> stannate ion. Electronic supplementary information (ESI) available: synthesis of 1. See <a href="http://www.rsc.org/suppdata/cc/b3/b303390m/">http://www.rsc.org/suppdata/cc/b3/b303390m/</a> . <i>Chemical Communications</i> , 2003, 1524.	2.2	17
22	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
23	Tethered N-Heterocyclic Carbene-Carboranyl Silver Complexes for Cancer Therapy. <i>Organometallics</i> , 2019, 38, 2530-2538.	1.1	17
24	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
25	Bis(bipyridine)ruthenium(II) Ferrocenyl $\eta^2$ -diketonate Complexes: Exhibiting Nanomolar Potency against Human Cancer Cell Lines. <i>Chemistry - A European Journal</i> , 2021, 27, 3737-3744.	1.7	15
26	Reactions of Sn(NMe <sub>2</sub> ) <sub>2</sub> with Primary Aryl Phosphides, ArPH <sub>2</sub> : Synthesis and Structures of the Heteroleptic Cages [2-(PhPAr)Sn(1/4-PPh)] <sub>2</sub> (NaPMDTA) <sub>4</sub> and [3-Sn(1/4-3-Ppy)] <sub>3</sub> [Sn(1/4-3,1/4-1-pyPAr)Ppy] <sub>3</sub> . <i>Organometallics</i> , 2005, 24, 1813-1818.	1.1	14
27	Reactions of Sn(NMe <sub>2</sub> ) <sub>2</sub> with MPHcy: The Effects of Alkali Metal Phosphide Coupling (Cy=Cyclohexyl). <i>J. Organomet. Chem.</i> 2014, 913, 1-14.	1.7	14
28	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
29	Antiferromagnetic Resonance Studies on the Spin-Canted Molecular Magnet $\eta^2$ -p-NCC <sub>6</sub> F <sub>4</sub> CNSSN. <i>Journal of Physical Chemistry B</i> , 2003, 107, 14158-14160.	1.2	12
30	Solid-state structure, solution-state behaviour and catalytic activity of electronically divergent C,N-chelating palladium $\eta^5$ -N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2015, 44, 15938-15948.	1.6	11
31	Cytotoxic hydrogen bridged ruthenium quinaldamide complexes showing induced cancer cell death by apoptosis. <i>Dalton Transactions</i> , 2016, 45, 13196-13203.	1.6	11
32	Silver(I) N-Heterocyclic Carbene Complexes Derived from Clotrimazole: Antiproliferative Activity and Interaction with an Artificial Membrane-Based Biosensor. <i>Organometallics</i> , 2020, 39, 1318-1331.	1.1	11
33	$\eta^2$ -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
34	Repurposing an Introductory Organic and Inorganic Laboratory Course from the Focus on Teaching Theory to the Focus on Teaching Practical Technique. <i>Journal of Chemical Education</i> , 2021, 98, 1910-1918.	1.1	10
35	An Investigation of Halogen Bonding as a Structure-Directing Interaction in Dithiadiazolyl Radicals. <i>Crystal Growth and Design</i> , 2020, 20, 4313-4324.	1.4	8
36	Elucidating the Structural Chemistry of a Hysteretic Iron(II) Spin-Crossover Compound From its Copper(II) and Zinc(II) Congeners. <i>Chemistry - A European Journal</i> , 2020, 26, 4833-4841.	1.7	8

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37	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. <i>Inorganic Chemistry</i> , 2021, 60, 14336-14348.	1.9	8
38	Crystallization Behavior and Crystallographic Properties of <i>dl</i> -Arabinose and <i>dl</i> -Xylose Diastereomer Sugars. <i>Crystal Growth and Design</i> , 2022, 22, 1371-1383.	1.4	8
39	Synthesis and Structure of $[\text{Sn}_2(\text{t}^4\text{-PMes})_3]_2\text{K}^+$ , Exhibiting Multifunctional Coordination of $[\text{Sn}_2(\text{t}^4\text{-PMes})_3]_2$ -Anions to $\text{K}^+$ . <i>Organometallics</i> , 2004, 23, 4821-4823.	1.1	7
40	Cyclotrimeratrylene-tethered trinuclear palladium $\text{NHC}$ complexes; reversal of site selectivity in Suzuki–Miyaura reactions. <i>Dalton Transactions</i> , 2019, 48, 14687-14695.	1.6	7
41	Rhodium(III) Dihalido Complexes: The Effect of Ligand Substitution and Halido Coordination on Increasing Cancer Cell Potency. <i>Inorganic Chemistry</i> , 2021, 60, 2076-2086.	1.9	7
42	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
43	$\eta^5$ -Alkenyl endo-palladacycle formation via regiospecific functionalisation of an unreactive $\text{NHC}$ -tethered $\text{C}(\text{sp}^2)\text{-H}$ bond. <i>Chemical Communications</i> , 2015, 51, 5513-5515.	2.2	6
44	Anticancer, antifungal and antibacterial potential of bis( $\eta^2$ -ketoiminato)ruthenium(II) carbonyl complexes. <i>Inorganica Chimica Acta</i> , 2019, 498, 119025.	1.2	6
45	$\eta^2$ -diketonate versus $\eta^2$ -ketoiminate: The Importance of a Ferrocenyl Moiety in Improving the Anticancer Potency. <i>ChemBioChem</i> , 2020, 21, 1988-1996.	1.3	6
46	Structural optimization of reversible dibromomaleimide peptide stapling. <i>Peptide Science</i> , 2021, 113, e24157.	1.0	6
47	Heteroleptic iron 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. <i>Dalton Transactions</i> , 2022, 51, 4262-4274.	1.6	6
48	Spin-density distribution of the high $T_c$ $\text{PbO}_2\text{-C}_6\text{F}_4\text{-CNSSN}$ free radical studied by polarised neutron diffraction. <i>Polyhedron</i> , 2003, 22, 2301-2305.	1.0	5
49	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
50	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. <i>Crystal Growth and Design</i> , 2022, 22, 1960-1971.	1.4	5
51	Iridium catalyzed three component cycloaddition cascades to fused ring heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 2774-2777.	0.7	4
52	Multipurpose made colorimetric materials for amines, pH change and metal ion detection. <i>RSC Advances</i> , 2022, 12, 2684-2692.	1.7	4
53	Structural studies of titanium(IV) picolinamide alkoxide and oxide derivatives. <i>Polyhedron</i> , 2016, 116, 136-143.	1.0	3
54	The facile and additive-free synthesis of a cell-friendly iron(III)–glutathione complex. <i>Dalton Transactions</i> , 2020, 49, 10574-10579.	1.6	3

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55	Iridium catalyzed alkylation of 2-hydroxyacetophenone with alcohols under thermal or microwave conditions. <i>Tetrahedron Letters</i> , 2017, 58, 4400-4402.	0.7	2
56	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
57	Bis( N -picolinamido)cobalt(II) Complexes Display Antifungal Activity toward <i>Candida albicans</i> and <i>Aspergillus fumigatus</i> . <i>ChemMedChem</i> , 2021, 16, 3210-3221.	1.6	2
58	THE ORGANIC FERROMAGNET p-O <sub>2</sub> NC <sub>6</sub> F <sub>4</sub> CN <sub>2</sub> SSN. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 975-976.	0.8	1
59	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
60	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
61	Crystal structure of poly[ $\frac{1}{4}$ -acetato-bis[ $\frac{1}{4}$ -2-oxo-2-(quinolin-8-yl)ethanoato]trisodium]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m385-m386.	0.2	0