Patrick C Mcgowan

List of Publications by Year
in descending order

43 papers	1,993 citations	430754 18 h-index	243529 44 g-index
48 all docs	48 docs citations	48 times ranked	3083 citing authors

#	Article	IF	Citations
1	Copper catalysed Ullmann type chemistry: from mechanistic aspects to modern development. Chemical Society Reviews, 2014, 43, 3525-3550.	18.7	899
2	Functionalized Cyclopentadienyl Titanium Organometallic Compounds as New Antitumor Drugs. Organometallics, 2004, 23, 288-292.	1.1	139
3	Rhodium, Iridium, and Ruthenium Half-Sandwich Picolinamide Complexes as Anticancer Agents. Inorganic Chemistry, 2014, 53, 727-736.	1.9	122
4	Amide Linkage Isomerism As an Activity Switch for Organometallic Osmium and Ruthenium Anticancer Complexes. Journal of Medicinal Chemistry, 2009, 52, 7753-7764.	2.9	93
5	Synthesis of iridium and ruthenium complexes with (N,N), (N,O) and (O,O) coordinating bidentate ligands as potential anti-cancer agents. Dalton Transactions, 2012, 41, 13800.	1.6	80
6	Metallohelices with activity against cisplatin-resistant cancer cells; does the mechanism involve DNA binding?. Chemical Science, 2013, 4, 4407.	3.7	64
7	Hypoxia-Sensitive Metal Î²-Ketoiminato Complexes Showing Induced Single-Strand DNA Breaks and Cancer Cell Death by Apoptosis. Journal of Medicinal Chemistry, 2015, 58, 4940-4953.	2.9	58
8	Synthesis, molecular structure and evaluation of new organometallic ruthenium anticancer agents. Dalton Transactions, 2009, , 10914.	1.6	45
9	N-Monofunctionalized 1,4,7-Triazacyclononane Macrocycles as Building Blocks in Inorganic Crystal Engineering. Inorganic Chemistry, 2001, 40, 1445-1453.	1.9	35
10	Increasing anti-cancer activity with longer tether lengths of group 9 Cp* complexes. Dalton Transactions, 2016, 45, 6812-6815.	1.6	34
11	Synthesis and Structural Studies of 1,1â€˜-Bis-Amino-Functionalized Ferrocenes, Ferrocene Salts, and Ferrocenium Salts. Inorganic Chemistry, 2002, 41, 715-726.	1.9	33
12	A one-step synthesis of protected functionalised titanocene dichlorides. Inorganic Chemistry Communication, 2000, 3, 337-340.	1.8	31
13	Synthesis and Structure of Amino-Functionalized Cyclopentadienyl Vanadium Complexes and Evaluation of Their Butadiene Polymerization Behavior. Organometallics, 2002, 21, 3443-3453.	1.1	31
14	Organometallic Iridium Arene Compounds: The Effects ofC-Donor Ligands on Anticancer Activity. Chemistry Letters, 2019, 48, 916-924.	0.7	26
15	Mechanistic and Cytotoxicity Studies of Group IV Î²â€Diketonate Complexes. ChemMedChem, 2014, 9, 1136-1139.	1.6	25
16	Picolinamides as Effective Ligands for Copperâ€Catalysed Aryl Ether Formation: Structureâ€“Activity Relationships, Substrate Scope and Mechanistic Investigations. Chemistry - A European Journal, 2014, 20, 17606-17615.	1.7	25
17	Bisâ€picolinamide Ruthenium(III) Dihalide Complexes: Dichlorideâ€toâ€Diiodide Exchange Generates Single trans Isomers with High Potency and Cancer Cell Selectivity. Chemistry - A European Journal, 2017, 23, 6341-6356.	1.7	20
18	Facile synthesis of amino-functionalised ferrocenes and vanadocenes. Chemical Communications, 1999, , 77-78.	2.2	18

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19	The Combined Synthesis and Coloration of Poly(lactic acid). Angewandte Chemie - International Edition, 2011, 50, 291-294.	7.2	18
20	Synthesis and reactivity of Group 14 substituted amino-functionalised cyclopentadienyl compounds. Journal of Organometallic Chemistry, 2002, 656, 49-56.	0.8	16
21	Ruthenium Halide Complexes asN-Alkylation Catalysts. European Journal of Inorganic Chemistry, 2014, 2014, 1974-1983.	1.0	15
22	Bis(bipyridine)ruthenium(II) Ferrocenyl Î²â€Diketonate Complexes: Exhibiting Nanomolar Potency against Human Cancer Cell Lines. Chemistry - A European Journal, 2021, 27, 3737-3744.	1.7	15
23	Green alternative solvents for the copper-catalysed arylation of phenols and amides. RSC Advances, 2016, 6, 70025-70032.	1.7	14
24	Controlling the Coordination Mode of 1,4,7-Triazacyclononane Complexes of Rhodium and Iridium and Evaluating Their Behavior as Phenylacetylene Polymerization Catalysts. Organometallics, 2008, 27, 2852-2860.	1.1	13
25	A robust method to heterogenise and recycle group 9 catalysts. Chemical Communications, 2013, 49, 5562.	2.2	12
26	A Giant Capsule from the Selfâ€Assembly of a Pentaâ€Telechelic Hybrid Poly(acrylic acid) Based on Polyhedral Oligomeric Silsesquioxane. Macromolecular Chemistry and Physics, 2014, 215, 900-905.	1.1	11
27	Cytotoxic hydrogen bridged ruthenium quinaldamide complexes showing induced cancer cell death by apoptosis. Dalton Transactions, 2016, 45, 13196-13203.	1.6	11
28	Î²â€Ketoiminato Iridium(III) Organometallic Complexes: Selective Cytotoxicity towards Colorectal Cancer Cells HCT116 p53â€‐ Chemistry - A European Journal, 2019, 25, 495-500.	1.7	10
29	Pendant arm N-monofunctionalised 1,4,7-triazacyclononane complexes of Fe(ii) and Ru(ii). Dalton Transactions RSC, 2002, , 3619-3623.	2.3	8
30	Synthesis and characterisation of tetramethylfulvene complexes of ruthenium. Dalton Transactions, 2013, 42, 16669.	1.6	8
31	Î²-Diketonate Titanium Compounds Exhibiting High In Vitro Activity and Specific DNA Base Binding. ChemistrySelect, 2016, 1, 6598-6605.	0.7	8
32	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
33	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
34	Anticancer, antifungal and antibacterial potential of bis(Î²-ketoiminato)ruthenium(II) carbonyl complexes. Inorganica Chimica Acta, 2019, 498, 119025.	1.2	6
35	Î²â€Diketonate versus Î²â€Ketoiminate: The Importance of a Ferrocenyl Moiety in Improving the Anticancer Potency. ChemBioChem, 2020, 21, 1988-1996.	1.3	6
36	Heteroleptic iron(<scp>ii</scp>) complexes of chiral 2,6-bis(oxazolin-2-yl)-pyridine (PyBox) and 2,6-bis(thiazolin-2-yl)pyridine ligands â€“ the interplay of two different ligands on the metal ion spin sate. Dalton Transactions, 2022, 51, 4262-4274.	1.6	6

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37	29ÂÂMetal complexes as pharmaceuticals. Annual Reports on the Progress of Chemistry Section A, 2005, 101, 631.	0.8	3
38	Structural studies of titanium(IV) picolinamide alkoxide and oxide derivatives. Polyhedron, 2016, 116, 136-143.	1.0	3
39	The facile and additive-free synthesis of a cell-friendly iron(<scp>iii</scp>)â€“glutathione complex. Dalton Transactions, 2020, 49, 10574-10579.	1.6	3
40	Backside Cover: The Combined Synthesis and Coloration of Poly(lactic acid) (Angew. Chem. Int. Ed.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	7.2	2
41	Bis(N â€picolinamido)cobalt(II) Complexes Display Antifungal Activity toward Candida albicans and Aspergillus fumigatus. ChemMedChem, 2021, 16, 3210-3221.	1.6	2
42	Rhodiumâ€“ and Tinâ€“DNA Interactions and Applications. , 0, , 301-315.		1
43	Bis(phenyl-Î²-diketonato)titanium(IV) ethoxide complexes: ring-opening polymerization of L-lactide by solvent-free microwave irradiation. Polyhedron, 2021, 211, 115520.	1.0	1