

# Paul J Dyson

## List of Publications by Citations

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726 papers	42,188 citations	104 h-index	171 g-index
786 ext. papers	45,577 ext. citations	6.2 avg, IF	7.8 L-index

#	Paper	IF	Citations
726	Bioorganometallic chemistry--from teaching paradigms to medicinal applications. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 391-401	58.5	840
725	In vitro and in vivo evaluation of ruthenium(II)-arene PTA complexes. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 4161-71	8.3	673
724	Metal-based antitumour drugs in the post genomic era. <i>Dalton Transactions</i> , <b>2006</b> , 1929-33	4.3	650
723	Efficient dehydrogenation of formic acid using an iron catalyst. <i>Science</i> , <b>2011</b> , 333, 1733-6	33.3	641
722	KP1019, a new redox-active anticancer agent--preclinical development and results of a clinical phase I study in tumor patients. <i>Chemistry and Biodiversity</i> , <b>2008</b> , 5, 2140-55	2.5	624
721	Homogeneous Catalysis for Sustainable Hydrogen Storage in Formic Acid and Alcohols. <i>Chemical Reviews</i> , <b>2018</b> , 118, 372-433	68.1	534
720	Classical and Non-Classical Ruthenium-Based Anticancer Drugs: Towards Targeted Chemotherapy. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 4003-4018	2.3	518
719	A viable hydrogen-storage system based on selective formic acid decomposition with a ruthenium catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 3966-8	16.4	484
718	Why are ionic liquids liquid? A simple explanation based on lattice and solvation energies. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 13427-34	16.4	483
717	A well-defined iron catalyst for the reduction of bicarbonates and carbon dioxide to formates, alkyl formates, and formamides. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9777-80	16.4	457
716	Challenges and Opportunities in the Development of Organometallic Anticancer Drugs. <i>Organometallics</i> , <b>2012</b> , 31, 5677-5685	3.8	454
715	Direct synthesis of formic acid from carbon dioxide by hydrogenation in acidic media. <i>Nature Communications</i> , <b>2014</b> , 5, 4017	17.4	444
714	Selective degradation of wood lignin over noble-metal catalysts in a two-step process. <i>ChemSusChem</i> , <b>2008</b> , 1, 626-9	8.3	440
713	Targeted delivery and controlled release of doxorubicin to cancer cells using modified single wall carbon nanotubes. <i>Biomaterials</i> , <b>2009</b> , 30, 6041-7	15.6	419
712	[Ru(15-p-cymene)Cl <sub>2</sub> (pta)] (pta = 1,3,5-triaza-7-phosphatrimethylcyclo-[3.3.1.1]decane): a water soluble compound that exhibits pH dependent DNA binding providing selectivity for diseased cells. <i>Chemical Communications</i> , <b>2001</b> , 1396-1397	5.8	409
711	The "complex-in-a-complex" cations [(acac) <sub>2</sub> M subset Ru <sub>6</sub> (p-iPrC <sub>6</sub> H <sub>4</sub> Me) <sub>6</sub> (tpt) <sub>2</sub> (dhbq) <sub>3</sub> ] <sup>6+</sup> : A trojan horse for cancer cells. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 3773-6	16.4	381
710	Ultrathin rhodium nanosheets. <i>Nature Communications</i> , <b>2014</b> , 5, 3093	17.4	350

709	From dysfunction to bis-function: on the design and applications of functionalised ionic liquids. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2122-30	4.8	344
708	Nitrile-functionalized pyridinium ionic liquids: synthesis, characterization, and their application in carbon-carbon coupling reactions. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15876-82	16.4	340
707	The development of RAPTA compounds for the treatment of tumors. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 306, 86-114	23.2	320
706	Organometallic ruthenium-based antitumor compounds with novel modes of action. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 989-998	2.3	293
705	Development of organometallic (organo-transition metal) pharmaceuticals. <i>Applied Organometallic Chemistry</i> , <b>2005</b> , 19, 1-10	3.1	291
704	Hydrodeoxygenation of lignin-derived phenols into alkanes by using nanoparticle catalysts combined with Brønsted acidic ionic liquids. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5549-53	16.4	281
703	Dielectric response of imidazolium-based room-temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 12682-8	3.4	280
702	Single walled carbon nanotubes as drug delivery vehicles: targeting doxorubicin to tumors. <i>Biomaterials</i> , <b>2012</b> , 33, 1689-98	15.6	268
701	One-step conversion of cellobiose to C6-alcohols using a ruthenium nanocluster catalyst. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8714-5	16.4	261
700	Rational design of platinum(IV) compounds to overcome glutathione-S-transferase mediated drug resistance. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 1382-3	16.4	258
699	Emerging protein targets for anticancer metallodrugs: inhibition of thioredoxin reductase and cathepsin B by antitumor ruthenium(II)-arene compounds. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 6773-81	8.3	243
698	MnO nanosheets as an artificial enzyme to mimic oxidase for rapid and sensitive detection of glutathione. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 90, 69-74	11.8	233
697	Towards a new combination therapy for tuberculosis with next generation benzothiazinones. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 372-83	12	231
696	Brønsted acidic ionic liquids and their zwitterions: synthesis, characterization and pKa determination. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 4886-93	4.8	229
695	Ligand substitutions between ruthenium-cymene compounds can control protein versus DNA targeting and anticancer activity. <i>Nature Communications</i> , <b>2014</b> , 5, 3462	17.4	227
694	Gold(III) compounds as anticancer agents: relevance of gold-protein interactions for their mechanism of action. <i>Journal of Inorganic Biochemistry</i> , <b>2008</b> , 102, 564-75	4.2	226
693	Application of density functional theory and vibrational spectroscopy toward the rational design of ionic liquids. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 352-70	2.8	218
692	Organometallic ruthenium(II) arene compounds with antiangiogenic activity. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 3895-902	8.3	213

691	How to predict the physical properties of ionic liquids: a volume-based approach. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5384-8	16.4	210
690	The ruthenium(II)-arene compound RAPTA-C induces apoptosis in EAC cells through mitochondrial and p53-JNK pathways. <i>Journal of Biological Inorganic Chemistry</i> , <b>2008</b> , 13, 1149-55	3.7	210
689	Ruthenium porphyrin compounds for photodynamic therapy of cancer. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 1811-6	8.3	210
688	Metal-based drugs that break the rules. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3201-9	4.3	209
687	Opening the lid on piano-stool complexes: An account of ruthenium(II)-arene complexes with medicinal applications. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 251-260	2.3	206
686	Synthesis and characterization of ionic liquids incorporating the nitrile functionality. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 2197-205	5.1	204
685	Metal-based antitumour drugs in the post-genomic era: what comes next?. <i>Dalton Transactions</i> , <b>2011</b> , 40, 9069-75	4.3	203
684	Development of organometallic ruthenium-arene anticancer drugs that resist hydrolysis. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 9006-13	5.1	200
683	Arene hydrogenation in a room-temperature ionic liquid using a ruthenium cluster catalyst. <i>Chemical Communications</i> , <b>1999</b> , 25-26	5.8	199
682	Binding of Organometallic Ruthenium(II) and Osmium(II) Complexes to an Oligonucleotide: A Combined Mass Spectrometric and Theoretical Study. <i>Organometallics</i> , <b>2005</b> , 24, 2114-2123	3.8	198
681	Selective formic acid decomposition for high-pressure hydrogen generation: a mechanistic study. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3752-60	4.8	197
680	A novel platinum nanocatalyst for the oxidation of 5-Hydroxymethylfurfural into 2,5-Furandicarboxylic acid under mild conditions. <i>Journal of Catalysis</i> , <b>2014</b> , 315, 67-74	7.3	192
679	Solvent effects in catalysis: rational improvements of catalysts via manipulation of solvent interactions. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 3302-3316	5.5	188
678	In vivo anti-tumor activity of the organometallic ruthenium(II)-arene complex [Ru(II-p-cymene)Cl <sub>2</sub> (pta)] (RAPTA-C) in human ovarian and colorectal carcinomas. <i>Chemical Science</i> , <b>2014</b> , 5, 4742-4748	9.4	188
677	Arene hydrogenation by homogeneous catalysts: fact or fiction?. <i>Dalton Transactions</i> , <b>2003</b> , 2964	4.3	187
676	Systematic Design of a Targeted Organometallic Antitumour Drug in Pre-clinical Development. <i>Chimia</i> , <b>2007</b> , 61, 698-703	1.3	186
675	Molecular Structure, Vibrational Spectra, and Hydrogen Bonding of the Ionic Liquid 1-Ethyl-3-methyl-1H-imidazolium Tetrafluoroborate. <i>Helvetica Chimica Acta</i> , <b>2004</b> , 87, 2556-2565	2	178
674	A versatile ruthenium precursor for biphasic catalysis and its application in ionic liquid biphasic transfer hydrogenation: conventional vs task-specific catalysts. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8114-5	16.4	175

673	The dielectric response of room-temperature ionic liquids: effect of cation variation. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 4775-80	3.4	173
672	Metal-free catalyst for the chemoselective methylation of amines using carbon dioxide as a carbon source. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12876-9	16.4	171
671	Synthesis and characterisation of some water soluble ruthenium(II)arene complexes and an investigation of their antibiotic and antiviral properties. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 668, 35-42	2.3	170
670	Cytotoxicity of ionic liquids and precursor compounds towards human cell line HeLa. <i>Green Chemistry</i> , <b>2007</b> , 9, 1191	10	168
669	In Vitro Evaluation of Rhodium and Osmium RAPTA Analogues: The Case for Organometallic Anticancer Drugs Not Based on Ruthenium. <i>Organometallics</i> , <b>2006</b> , 25, 4090-4096	3.8	168
668	Enzyme inhibition by metal complexes: concepts, strategies and applications. <i>Chemical Science</i> , <b>2013</b> , 4, 1410	9.4	166
667	Rational design of an organometallic glutathione transferase inhibitor. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3854-7	16.4	159
666	Development of ruthenium antitumor drugs that overcome multidrug resistance mechanisms. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 2166-75	8.3	159
665	Determination of hydrogen concentration in ionic liquids and the effect (or lack of) on rates of hydrogenation. <i>Chemical Communications</i> , <b>2003</b> , 2418-9	5.8	151
664	A ruthenium antimetastasis agent forms specific histone protein adducts in the nucleosome core. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3562-6	4.8	149
663	Synthesis of carbonates and related compounds incorporating CO <sub>2</sub> using ionic liquid-type catalysts: State-of-the-art and beyond. <i>Journal of Catalysis</i> , <b>2016</b> , 343, 52-61	7.3	148
662	Advances in the Rational Design of Rhodium Nanoparticle Catalysts: Control via Manipulation of the Nanoparticle Core and Stabilizer. <i>ACS Catalysis</i> , <b>2012</b> , 2, 1057-1069	13.1	148
661	Development of Nitrile-Functionalized Ionic Liquids for C <sub>1</sub> Coupling Reactions: Implication of Carbene and Nanoparticle Catalysts. <i>Organometallics</i> , <b>2007</b> , 26, 1588-1598	3.8	148
660	Influence of Hydrogen-Bonding Substituents on the Cytotoxicity of RAPTA Compounds. <i>Organometallics</i> , <b>2006</b> , 25, 756-765	3.8	148
659	Cycloaddition of CO <sub>2</sub> to epoxides catalyzed by imidazolium-based polymeric ionic liquids. <i>Green Chemistry</i> , <b>2013</b> , 15, 1584	10	147
658	Revisiting the electronic structure of phosphazenes. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8407-17	5.1	147
657	Arene Clusters. <i>Chemical Reviews</i> , <b>1994</b> , 94, 1585-1620	68.1	144
656	Palladium nanoparticles stabilized by an ionic polymer and ionic liquid: a versatile system for C-C cross-coupling reactions. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3292-7	5.1	143

655	A synthetic zwitterionic water channel: characterization in the solid state by X-ray crystallography and NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5720-5	16.4	143
654	Antiproliferative activity of chelating N,O- and N,N-ruthenium(II) arene functionalised poly(propyleneimine) dendrimer scaffolds. <i>Dalton Transactions</i> , <b>2011</b> , 40, 1158-67	4.3	140
653	Ein wohldefinierter Eisenkatalysator für die Reduktion von Bicarbonaten und Kohlendioxid zu Formiaten, Alkylformiaten und Formamiden. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 9971-9974	3.6	138
652	Carbohydrate-metal complexes and their potential as anticancer agents. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 2574-91	4.3	137
651	Ruthenium(II)-Arene RAPTA Type Complexes Containing Curcumin and Bisdemethoxycurcumin Display Potent and Selective Anticancer Activity. <i>Organometallics</i> , <b>2014</b> , 33, 3709-3715	3.8	136
650	Electrospray mass spectrometry of metal carbonyl complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 519-526		134
649	Naphthalimide-Tagged Ruthenium-Arene Anticancer Complexes: Combining Coordination with Intercalation. <i>Organometallics</i> , <b>2012</b> , 31, 7031-7039	3.8	130
648	Influence of the interaction between hydrogen sulfide and ionic liquids on solubility: experimental and theoretical investigation. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 13014-9	3.4	130
647	Influence of ionic liquids bearing functional groups in dye-sensitized solar cells. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1585-90	5.1	126
646	New Insights Into the Role of Imidazolium-Based Promoters for the Electroreduction of CO <sub>2</sub> on a Silver Electrode. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 7820-3	16.4	125
645	Metal-based inhibition of poly(ADP-ribose) polymerase--the guardian angel of DNA. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 2196-206	8.3	124
644	Ferrocenyl pyridine arene ruthenium complexes with anticancer properties: synthesis, structure, electrochemistry, and cytotoxicity. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 578-83	5.1	124
643	Synthesis, characterization, and in vitro evaluation of novel ruthenium(II) eta <sup>6</sup> -arene imidazole complexes. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 5552-61	8.3	124
642	Structural basis for benzothiazinone-mediated killing of Mycobacterium tuberculosis. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 150ra121	17.5	123
641	Evidence for drug release from a metalla-cage delivery vector following cellular internalisation. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1428-31	4.8	120
640	How strong is hydrogen bonding in ionic liquids? Combined X-ray crystallographic, infrared/Raman spectroscopic, and density functional theory study. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 9094-105	3.4	119
639	Tuning the hydrophobicity of ruthenium(II)-arene (RAPTA) drugs to modify uptake, biomolecular interactions and efficacy. <i>Dalton Transactions</i> , <b>2007</b> , 5065-72	4.3	119
638	Organometallic ruthenium inhibitors of glutathione-S-transferase P1-1 as anticancer drugs. <i>ChemMedChem</i> , <b>2007</b> , 2, 1799-806	3.7	117



637	Revisiting ether-derivatized imidazolium-based ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 10095-108	3.4	116
636	Application of mass spectrometric techniques to delineate the modes-of-action of anticancer metallodrugs. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 6186-99	58.5	115
635	Anticancer therapeutics that target selenoenzymes: synthesis, characterization, in vitro cytotoxicity, and thioredoxin reductase inhibition of a series of gold(I) complexes containing hydrophilic phosphine ligands. <i>ChemMedChem</i> , <b>2010</b> , 5, 96-102	3.7	112
634	Carbon monoxide solubility in ionic liquids: determination, prediction and relevance to hydroformylation. <i>Chemical Communications</i> , <b>2004</b> , 1070-1	5.8	112
633	Synthesis, Molecular Structure, and Anticancer Activity of Cationic Arene Ruthenium Metallarectangles. <i>Organometallics</i> , <b>2009</b> , 28, 4350-4357	3.8	111
632	Is the Aromatic Fragment of Piano-Stool Ruthenium Compounds an Essential Feature for Anticancer Activity? The Development of New RuII-[9]aneS3 Analogues. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 3423-3434	2.3	111
631	Thiazolium carbene catalysts for the fixation of CO <sub>2</sub> onto amines. <i>Chemical Communications</i> , <b>2016</b> , 52, 2497-500	5.8	110
630	Anticancer activity of new organo-ruthenium, rhodium and iridium complexes containing the 2-(pyridine-2-yl)thiazole N,N-chelating ligand. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1119-1125	2.3	109
629	A strategy for the synthesis of transition-metal nanoparticles and their transfer between liquid phases. <i>Small</i> , <b>2006</b> , 2, 879-83	11	108
628	Catalytic amino acid production from biomass-derived intermediates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5093-5098	11.5	107
627	Strategy to tether organometallic ruthenium-arene anticancer compounds to recombinant human serum albumin. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9048-50	5.1	107
626	Cellular uptake and subcellular distribution of ruthenium-based metallodrugs under clinical investigation versus cisplatin. <i>Metallomics</i> , <b>2011</b> , 3, 591-9	4.5	106
625	Pd Nanoparticles in a Supported Ionic Liquid Phase: Highly Stable Catalysts for Selective Acetylene Hydrogenation under Continuous-Flow Conditions. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 17814-17819	3.8	106
624	Target profiling of an antimetastatic RAPTA agent by chemical proteomics: relevance to the mode of action. <i>Chemical Science</i> , <b>2015</b> , 6, 2449-2456	9.4	105
623	1-butyl-3-methylimidazolium cobalt tetracarbonyl [bmim][Co(CO) <sub>4</sub> ]: a catalytically active organometallic ionic liquid. <i>Chemical Communications</i> , <b>2001</b> , 1862-3	5.8	105
622	Synthesis and characterization of platinum(IV) anticancer drugs with functionalized aromatic carboxylate ligands: influence of the ligands on drug efficacies and uptake. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 8060-9	8.3	103
621	In vitro anticancer activity and biologically relevant metabolism of organometallic ruthenium complexes with carbohydrate-based ligands. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9046-57	4.8	100
620	Organometallic synthesis in ambient temperature chloroaluminate(III) ionic liquids. Ligand exchange reactions of ferrocene. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 3465-3469		99

- 619 A nearly planar water sheet sandwiched between strontium-imidazolium carboxylate coordination polymers. *Inorganic Chemistry*, **2005**, 44, 5200-2 5.1 98
- 618 A supercooled imidazolium iodide ionic liquid as a low-viscosity electrolyte for dye-sensitized solar cells. *Inorganic Chemistry*, **2006**, 45, 10407-9 5.1 96
- 617 Biphasic hydrogenation over PVP stabilized Rh nanoparticles in hydroxyl functionalized ionic liquids. *Inorganic Chemistry*, **2008**, 47, 7444-6 5.1 95
- 616 Studies on the reactivity of organometallic Ru-, Rh- and Os-pta complexes with DNA model compounds. *Journal of Inorganic Biochemistry*, **2008**, 102, 1066-76 4.2 95
- 615 Hydrolysis study of the bifunctional antitumour compound RAPTA-C, [Ru(eta<sup>6</sup>-p-cymene)Cl<sub>2</sub>(pta)]. *Journal of Inorganic Biochemistry*, **2008**, 102, 1743-8 4.2 95
- 614 Remarkable Anion and Cation Effects on Stille Reactions in Functionalised Ionic Liquids. *Advanced Synthesis and Catalysis*, **2006**, 348, 68-74 5.6 94
- 613 Antiproliferative Activity of Gold(I) Alkyne Complexes Containing Water-Soluble Phosphane Ligands. *Organometallics*, **2010**, 29, 2596-2603 3.8 92
- 612 Direct analysis of catalysts immobilised in ionic liquids using electrospray ionisation ion trap mass spectrometry. *Chemical Communications*, **2003**, 508-9 5.8 92
- 611 Classification of Metal-based Drugs According to Their Mechanisms of Action. *CheM*, **2020**, 6, 41-60 16.2 92
- 610 Selective removal of acetone and butan-1-ol from water with supported ionic liquid/polydimethylsiloxane membrane by pervaporation. *Chemical Engineering Journal*, **2008**, 139, 318-324 14.7 91
- 609 Intricacies of Cation/Anion Combinations in Imidazolium Salt-Catalyzed Cycloaddition of CO<sub>2</sub> Into Epoxides. *ACS Catalysis*, **2018**, 8, 2589-2594 13.1 90
- 608 The chemistry of phosphinoamides and related compounds. *Coordination Chemistry Reviews*, **2005**, 249, 2056-2074 23.2 90
- 607 Anticancer activity of multinuclear arene ruthenium complexes coordinated to dendritic polypyridyl scaffolds. *Journal of Organometallic Chemistry*, **2009**, 694, 3470-3476 2.3 89
- 606 Application of ionic liquids containing tricyanomethanide [C(CN)<sub>3</sub>]- or tetracyanoborate [B(CN)<sub>4</sub>]-anions in dye-sensitized solar cells. *Inorganic Chemistry*, **2011**, 50, 11561-7 5.1 88
- 605 Reactivity of anticancer metallodrugs with serum proteins: new insights from size exclusion chromatography-ICP-MS and ESI-MS. *Journal of Analytical Atomic Spectrometry*, **2010**, 25, 305-313 3.7 88
- 604 Thermoresponsive polymers based on poly-vinylpyrrolidone: applications in nanoparticle catalysis. *Chemical Communications*, **2010**, 46, 1631-3 5.8 88
- 603 Exploring metallodrug-protein interactions by mass spectrometry: comparisons between platinum coordination complexes and an organometallic ruthenium compound. *Journal of Biological Inorganic Chemistry*, **2009**, 14, 761-70 3.7 88
- 602 Characterization of platinum anticancer drug protein-binding sites using a top-down mass spectrometric approach. *Inorganic Chemistry*, **2008**, 47, 17-9 5.1 87



601	CZE-ICP-MS as a tool for studying the hydrolysis of ruthenium anticancer drug candidates and their reactivity towards the DNA model compound dGMP. <i>Journal of Inorganic Biochemistry</i> , <b>2008</b> , 102, 1060-5	4.2	87
600	Modulating the Anticancer Activity of Ruthenium(II)-Arene Complexes. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 3356-65	8.3	86
599	Rapid optimization of drug combinations for the optimal angiostatic treatment of cancer. <i>Angiogenesis</i> , <b>2015</b> , 18, 233-44	10.6	85
598	ESI-MS characterisation of protein adducts of anticancer ruthenium(II)-arene PTA (RAPTA) complexes. <i>ChemMedChem</i> , <b>2007</b> , 2, 631-5	3.7	85
597	Catalysis by low oxidation state transition metal (carbonyl) clusters. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 2443-2458	23.2	85
596	Analysis of organometallic compounds using ion trap mass spectrometry. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 354, 68-74	2.7	85
595	Fighting Cancer with Transition Metal Complexes: From Naked DNA to Protein and Chromatin Targeting Strategies. <i>ChemMedChem</i> , <b>2016</b> , 11, 1199-210	3.7	85
594	Excellent correlation between drug release and portal size in metalla-cage drug-delivery systems. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 9669-77	4.8	84
593	Development of bimetallic titanocene-ruthenium-arene complexes as anticancer agents: relationships between structural and biological properties. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 6923-33	8.3	84
592	A Rhodium Nanoparticle-Lewis Acidic Ionic Liquid Catalyst for the Chemoselective Reduction of Heteroarenes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 292-6	16.4	84
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