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List of Publications by Citations

76 papers	5,645 citations	32 h-index	75 g-index
81 ext. papers	6,265 ext. citations	4 avg, IF	6.09 L-index

#	Paper	IF	Citations
76	The status of platinum anticancer drugs in the clinic and in clinical trials. *Dalton Transactions*, **2010**, 39, 8113-27	4.3	1190
75	Gold nanoparticles for the improved anticancer drug delivery of the active component of oxaliplatin. *Journal of the American Chemical Society*, **2010**, 132, 4678-84	16.4	628
74	The side effects of platinum-based chemotherapy drugs: a review for chemists. *Dalton Transactions*, **2018**, 47, 6645-6653	4.3	615
73	Multi-nuclear platinum complexes as anti-cancer drugs. *Coordination Chemistry Reviews*, **2003**, 241, 133-145	23.2	226
72	The Potential of Cucurbit[n]urils in Drug Delivery. *Israel Journal of Chemistry*, **2011**, 51, 616-624	3.4	220
71	The state-of-play and future of platinum drugs. *Endocrine-Related Cancer*, **2015**, 22, R219-33	5.7	181
70	DNA intercalators in cancer therapy: organic and inorganic drugs and their spectroscopic tools of analysis. *Mini-Reviews in Medicinal Chemistry*, **2007**, 7, 627-48	3.2	172
69	Cucurbit[n]uril binding of platinum anticancer complexes. *Dalton Transactions*, **2006**, 451-8	4.3	153
68	Multi-nuclear platinum complexes encapsulated in cucurbit[n]uril as an approach to reduce toxicity in cancer treatment. *Chemical Communications*, **2004**, 1424-5	5.8	133
67	Improving platinum(II)-based anticancer drug delivery using cucurbit[n]urils. *Journal of Inorganic Biochemistry*, **2008**, 102, 2060-6	4.2	121
66	Novel platinum(II)-based anticancer complexes and molecular hosts as their drug delivery vehicles. *Dalton Transactions*, **2007**, 5055-64	4.3	97
65	The neurotoxic, myotoxic and cardiotoxic activity of cucurbituril-based macrocyclic drug delivery vehicles. *Toxicology Research*, **2014**, 3, 447-455	2.6	82
64	Solid state stabilisation of the orally delivered drugs atenolol, glibenclamide, memantine and paracetamol through their complexation with cucurbit[7]uril. *Organic and Biomolecular Chemistry*, **2010**, 8, 765-73	3.9	80
63	Cisplatin drug delivery using gold-coated iron oxide nanoparticles for enhanced tumour targeting with external magnetic fields. *Inorganica Chimica Acta*, **2012**, 393, 328-333	2.7	79
62	Encapsulation of platinum(II)-based DNA intercalators within cucurbit[6,7,8]urils. *Journal of Biological Inorganic Chemistry*, **2007**, 12, 969-79	3.7	77
61	Substituted beta-cyclodextrin and calix[4]arene as encapsulatory vehicles for platinum(II)-based DNA intercalators. *Inorganic Chemistry*, **2008**, 47, 6880-8	5.1	76
60	The effect of ancillary ligand chirality and phenanthroline functional group substitution on the cytotoxicity of platinum(II)-based metallointercalators. *Journal of Inorganic Biochemistry*, **2007**, 101, 1049-58	4.2	76

59	Cisplatin-tethered gold nanoparticles that exhibit enhanced reproducibility, drug loading, and stability: a step closer to pharmaceutical approval?. *Inorganic Chemistry*, **2012**, 51, 3490-7	5.1	75
58	Cucurbit[7]uril encapsulated cisplatin overcomes cisplatin resistance via a pharmacokinetic effect. *Metallomics*, **2012**, 4, 561-7	4.5	75
57	Studies of the mechanism of action of platinum(II) complexes with potent cytotoxicity in human cancer cells. *Journal of Medicinal Chemistry*, **2009**, 52, 5474-84	8.3	75
56	Evaluation of anionic half generation 3.5-6.5 poly(amidoamine) dendrimers as delivery vehicles for the active component of the anticancer drug cisplatin. *Journal of Inorganic Biochemistry*, **2011**, 105, 1115-22	4.2	74
55	Multi-nuclear platinum drugs: a new paradigm in chemotherapy. *Anti-Cancer Agents in Medicinal Chemistry*, **2005**, 5, 267-79		72
54	Degradation of bidentate-coordinated platinum(II)-based DNA intercalators by reduced L-glutathione. *Journal of Medicinal Chemistry*, **2008**, 51, 2787-94	8.3	70
53	Executive functions predict conceptual learning of science. *British Journal of Developmental Psychology*, **2016**, 34, 261-75	2	59
52	A chemical preformulation study of a host-guest complex of cucurbit[7]uril and a multinuclear platinum agent for enhanced anticancer drug delivery. *Dalton Transactions*, **2009**, 7695-700	4.3	58
51	A cisplatin slow-release hydrogel drug delivery system based on a formulation of the macrocycle cucurbit[7]uril, gelatin and polyvinyl alcohol. *Journal of Inorganic Biochemistry*, **2014**, 134, 100-5	4.2	48
50	Synthesis, Characterisation and Biological Activity of Chiral Platinum(II) Complexes. *European Journal of Inorganic Chemistry*, **2006**, 2006, 839-849	2.3	44
49	Magnetised thermo responsive lipid vehicles for targeted and controlled lung drug delivery. *Pharmaceutical Research*, **2012**, 29, 2456-67	4.5	41
48	Side-on binding of p-sulphonatocalix[4]arene to the dinuclear platinum complex trans-[{PtCl(NH3)2}2mu-dpzm]2+ and its implications for anticancer drug delivery. *Journal of Inorganic Biochemistry*, **2009**, 103, 448-54	4.2	39
47	Examination of cucurbit[7]uril and its host-guest complexes by diffusion nuclear magnetic resonance. *Journal of Physical Chemistry B*, **2008**, 112, 2311-4	3.4	39
46	Cucurbit[n]urils as excipients in pharmaceutical dosage forms. *Supramolecular Chemistry*, **2016**, 28, 849-858	2.8	36
45	Host□guest complexes of the antituberculosis drugs pyrazinamide and isoniazid with cucurbit[7]uril. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2010**, 68, 359-367		35
44	The Host-Guest Chemistry of Proflavine with Cucurbit[6,7,8]urils. *Supramolecular Chemistry*, **2007**, 19, 475-484	1.8	31
43	Potential adenine and minor groove binding platinum complexes. *Journal of Inorganic Biochemistry*, **2004**, 98, 1578-84	4.2	31
42	Host-Guest Complexes of Carboxylated Pillar[n]arenes With Drugs. *Journal of Pharmaceutical Sciences*, **2016**, 105, 3615-3625	3.9	30

41	Synthesis, processing and solid state excipient interactions of cucurbit[6]uril and its formulation into tablets for oral drug delivery. *Molecular Pharmaceutics*, **2010**, 7, 2166-72	5.6	30
40	Anionic PAMAM dendrimers as drug delivery vehicles for transition metal-based anticancer drugs. *Journal of Inorganic Biochemistry*, **2009**, 103, 373-80	4.2	29
39	Polyamide platinum anticancer complexes designed to target specific DNA sequences. *Inorganic Chemistry*, **2006**, 45, 6004-13	5.1	29
38	DNA binding of the anti-cancer platinum complex trans-[{Pt(NH3)2Cl}2□dpzm]2+. *Dalton Transactions*, **2003**, 3486-3492	4.3	25
37	A 1H NMR study of the oligonucleotide binding of [(en)Pt(mu-dpzm)2Pt(en)]Cl4. *Journal of Inorganic Biochemistry*, **2000**, 78, 313-20	4.2	25
36	Combining aspects of the platinum anticancer drugs picoplatin and BBR3464 to synthesize a new family of sterically hindered dinuclear complexes; their synthesis, binding kinetics and cytotoxicity. *Dalton Transactions*, **2012**, 41, 11330-9	4.3	24
35	Cucurbit[n]uril: A New Molecule in Host - Guest Chemistry. *Australian Journal of Chemistry*, **2006**, 59, 354	1.2	24
34	Diffusion-based studies on the self-stacking and nanorod formation of platinum(II) intercalators. *Chemical Communications*, **2009**, 1210-2	5.8	21
33	Folding of dinuclear platinum anticancer complexes within the cavity of para-sulphonatocalix[4]arene. *Inorganica Chimica Acta*, **2012**, 393, 182-186	2.7	18
32	Rationalising sequence selection by ligand assemblies in the DNA minor groove: the case for thiazotropsin A. *Chemical Science*, **2012**, 3, 711-722	9.4	18
31	Analysis of montmorillonite clay as a vehicle in platinum anticancer drug delivery. *Inorganica Chimica Acta*, **2014**, 421, 513-518	2.7	16
30	Evidence for a Role of Executive Functions in Learning Biology. *Infant and Child Development*, **2014**, 23, 67-83	1.4	16
29	Cucurbit [7] uril encapsulated cisplatin overcomes resistance to cisplatin induced by Rab25 overexpression in an intraperitoneal ovarian cancer model. *Journal of Ovarian Research*, **2015**, 8, 62	5.5	15
28	Microwave synthesis of cucurbit[n]urils. *Future Medicinal Chemistry*, **2010**, 2, 231-6	4.1	15
27	Diffusion Coefficient of Cucurbit[n]urils (n = 6 or 7) at Various Concentrations, Temperatures, and pH□ *Journal of Chemical & Engineering Data*, **2009**, 54, 323-326	2.8	14
26	Synthesis of DNA-sequence-selective hairpin polyamide platinum complexes. *Chemistry - A European Journal*, **2007**, 13, 3177-86	4.8	14
25	Comparative macrocycle binding of the anticancer drug phenanthriplatin by cucurbit[n]urils, □cyclodextrin and para-sulfonatocalix[4]arene: a 1H NMR and molecular modelling study. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2017**, 87, 251-258	1.7	13
24	The binding of [(en)Pt(mu-dpzm)2Pt(en)]4+ to G/C-rich regions of DNA. *Journal of Inorganic Biochemistry*, **2001**, 84, 119-27	4.2	13

23	Thermal Rearrangement of N-Substituted Pyrazoles to 4,4'-Dipyrazolylmethane and 1,1,2-(4,4',4''-Tripyrazolyl)ethane. *Australian Journal of Chemistry*, **2001**, 54, 141	1.2	13
22	Demonstration of In Vitro Host-Guest Complex Formation and Safety of para-Sulfonatocalix[8]arene as a Delivery Vehicle for Two Antibiotic Drugs. *Journal of Pharmaceutical Sciences*, **2018**, 107, 3105-3111	3.9	12
21	Platinum drugs in the Australian cancer chemotherapy healthcare setting: Is it worthwhile for chemists to continue to develop platinums?. *Inorganica Chimica Acta*, **2019**, 492, 177-181	2.7	10
20	Chemical factors affecting cucurbit[n]uril formulation into ocular dosage forms: excipient binding, solubility, corneal permeability and antibiotic encapsulation. *Supramolecular Chemistry*, **2014**, 26, 648-656	1.8	10
19	(4,7-Dimethyl-1,10-phenanthroline)(ethylenediamine)platinum(II) dichloride tris(deuterium oxide) solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, m3137-m3139		10
18	Loading of a Phenanthroline-Based Platinum(II) Complex onto the Surface of a Carbon Nanotube via π Stacking. *Australian Journal of Chemistry*, **2016**, 69, 1124	1.2	10
17	Macrocycles as drug-enhancing excipients in pharmaceutical formulations. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2021**, 100, 55-69	1.7	9
16	DNA-based aptamer fails as a simultaneous cancer targeting agent and drug delivery vehicle for a phenanthroline-based platinum(II) complex. *Journal of Inorganic Biochemistry*, **2013**, 128, 124-30	4.2	8
15	Topical cream-based dosage forms of the macrocyclic drug delivery vehicle cucurbit[6]uril. *PLoS ONE*, **2014**, 9, e85361	3.7	8
14	Evaluation of the antidepressant therapeutic potential of isocyanine and pseudoisocyanine analogues of the organic cation decynium-22. *European Journal of Medicinal Chemistry*, **2017**, 137, 476-487	6.8	7
13	para-Sulfonatocalix[4]arene and polyamidoamine dendrimer nanocomplexes as delivery vehicles for a novel platinum anticancer agent. *Journal of Inorganic Biochemistry*, **2017**, 176, 1-7	4.2	6
12	Patterns of platinum drug use in an acute care setting: a retrospective study. *Journal of Cancer Research and Clinical Oncology*, **2018**, 144, 1561-1568	4.9	6
11	Demonstration of the first known 1:2 host-guest encapsulation of a platinum anticancer complex within a macrocycle. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2020**, 96, 145-154	1.7	5
10	Synthesis of a heterodinuclear ruthenium(II)–platinum(II) complex linked by l-cysteine methyl ester. *Polyhedron*, **2007**, 26, 318-328	2.7	4
9	Analysis of the interaction of para-sulfonatocalix[8]arene with free amino acids and a six residue segment of β-amyloid peptide as a potential treatment for Alzheimer's disease. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2019**, 93, 265-273	1.7	3
8	Determining the Ibuprofen Concentration in Liquid-Filled Gelatin Capsules To Practice Collecting and Interpreting Experimental Data, and Evaluating the Methods and Accuracy of Quality Testing. *Journal of Chemical Education*, **2017**, 94, 1107-1110	2.4	2
7	An Analysis for Adulteration and Contamination of Over-the-Counter Weight-Loss Products. *AAPS PharmSciTech*, **2021**, 22, 78	3.9	2
6	Amide coupling reaction for the synthesis of bispyridine-based ligands and their complexation to platinum as dinuclear anticancer agents. *Journal of Visualized Experiments*, **2014**,	1.6	1

5	Opioid exposures in children under 5 years of age (2004-2019): A retrospective study of calls to Australia's largest poisons information centre. *Journal of Paediatrics and Child Health*, **2021**, 57, 883-887	1.3	1
4	Poisonings with ADHD medication in children under the age of 5 years in Australia: a retrospective study, 2004–2019. *BMJ Paediatrics Open*, **2022**, 6, e001325	2.4	1
3	Medicinal Cannabis for the Treatment of Anxiety Disorders: a Narrative Review. *Current Treatment Options in Psychiatry*,1	3.1	0
2	Comparative host–guest complex formation of the Alzheimer's drug memantine with para-sulfonatocalix[n]arenes (n = 4 or 8). *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2021**, 101, 131-137	1.7	
1	Aqueous compatibility of 15 pharmaceutical antimicrobial preservatives with the macrocycles cucurbit[7]uril and para-sulfonatocalix[4]arene. *Supramolecular Chemistry*,1-9	1.8	