

Trevor W Hambley

List of Publications by Year in descending order

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184
papers

10,173
citations

30070

54
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38395

95
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200
all docs

200
docs citations

200
times ranked

9001
citing authors

#	ARTICLE	IF	CITATIONS
1	Platinum(IV) antitumour compounds: their bioinorganic chemistry. <i>Coordination Chemistry Reviews</i> , 2002, 232, 49-67.	18.8	561
2	Copper complexes of non-steroidal anti-inflammatory drugs: an opportunity yet to be realized. <i>Coordination Chemistry Reviews</i> , 2002, 232, 95-126.	18.8	469
3	Basis for Design and Development of Platinum(IV) Anticancer Complexes. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3403-3411.	6.4	414
4	The Discovery and Development of Cisplatin. <i>Journal of Chemical Education</i> , 2006, 83, 728.	2.3	403
5	The influence of structure on the activity and toxicity of Pt anti-cancer drugs. <i>Coordination Chemistry Reviews</i> , 1997, 166, 181-223.	18.8	331
6	A1H NMR Study of the DNA Binding of Ruthenium(II) Polypyridyl Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 3133-3141.	4.0	315
7	Platinum Drug Distribution in Cancer Cells and Tumors. <i>Chemical Reviews</i> , 2009, 109, 4911-4920.	47.7	314
8	Developing new metal-based therapeutics: challenges and opportunities. <i>Dalton Transactions</i> , 2007, , 4929.	3.3	299
9	Metal-Based Therapeutics. <i>Science</i> , 2007, 318, 1392-1393.	12.6	194
10	Pt(IV) analogs of oxaliplatin that do not follow the expected correlation between electrochemical reduction potential and rate of reduction by ascorbate. <i>Chemical Communications</i> , 2012, 48, 847-849.	4.1	174
11	Bioreductive activation and drug chaperoning in cobalt pharmaceuticals. <i>Dalton Transactions</i> , 2007, , 3983.	3.3	164
12	Syntheses and Characterization of Anti-inflammatory Dinuclear and Mononuclear Zinc Indomethacin Complexes. Crystal Structures of [Zn ₂ (Indomethacin) ₄ (L) ₂] (L = N,N-Dimethylacetamide, Pyridine,) <i>Inorganic Chemistry</i> , 2000, 39, 3742-3748.	4.0	158
13	Slowing of Cisplatin Aquation in the Presence of DNA but Not in the Presence of Phosphate: Improved Understanding of Sequence Selectivity and the Roles of Monoaquated and Diaquated Species in the Binding of Cisplatin to DNA. <i>Inorganic Chemistry</i> , 2000, 39, 5603-5613.	4.0	154
14	Is Anticancer Drug Development Heading in the Right Direction?. <i>Cancer Research</i> , 2009, 69, 1259-1262.	0.9	145
15	The cellular distribution and oxidation state of platinum(II) and platinum(IV) antitumour complexes in cancer cells. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 726-732.	2.6	143
16	XANES Determination of the Platinum Oxidation State Distribution in Cancer Cells Treated with Platinum(IV) Anticancer Agents. <i>Journal of the American Chemical Society</i> , 2003, 125, 7524-7525.	18.7	135
17	Delivery and release of curcumin by a hypoxia-activated cobalt chaperone: a XANES and FLIM study. <i>Chemical Science</i> , 2013, 4, 3731.	7.4	130
18	Anti-inflammatory Dinuclear Copper(II) Complexes with Indomethacin. Synthesis, Magnetism and EPR Spectroscopy. Crystal Structure of the N,N-Dimethylformamide Adduct. <i>Inorganic Chemistry</i> , 1999, 38, 1736-1744.	4.0	129

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19	Platinum binding to DNA: structural controls and consequences. Dalton Transactions RSC, 2001, , 2711-2718.	2.3	128
20	Mechanisms of cell uptake and toxicity of the anticancer drug cisplatin. Metallomics, 2014, 6, 2126-2133.	2.4	123
21	Studies of a Cobalt(III) Complex of the MMP Inhibitor Marimastat: A Potential Hypoxia-Activated Prodrug. Chemistry - A European Journal, 2007, 13, 2974-2982.	3.3	121
22	Immobilization of Platinated and Iodinated Oligonucleotides on Carbon Nanotubes. Angewandte Chemie International Edition in English, 1997, 36, 2198-2200.	4.4	118
23	Cationic Iridium(I) Complexes as Catalysts for the Alcoholysis of Silanes. Organometallics, 2003, 22, 2387-2395.	2.3	116
24	The mechanism of action of platinum(IV) complexes in ovarian cancer cell lines. Journal of Inorganic Biochemistry, 2004, 98, 1614-1624.	3.5	112
25	Facile Preparation of Mono-, Di- and Mixed-Carboxylato Platinum(IV) Complexes for Versatile Anticancer Prodrug Design. Chemistry - A European Journal, 2013, 19, 1672-1676.	3.3	108
26	Interpretation of Electronic and EPR Spectra of Copper(II) Amine Complexes: A Test of the MM-AOM Method. Inorganic Chemistry, 1995, 34, 3903-3911.	4.0	105
27	Synthesis, Structure, Biological Activity, and DNA Binding of Platinum(II) Complexes of the Type trans-[PtCl ₂ (NH ₃)L] (L = Planar Nitrogen Base). Effect of L and Cis/Trans Isomerism on Sequence Specificity and Unwinding Properties Observed in Globally Platinated DNA. Inorganic Chemistry, 1999, 38, 3535-3542.	4.0	103
28	van der Waals Radii of Pt(II) and Pd(II) in Molecular Mechanics Models and an Analysis of Their Relevance to the Description of Axial M-Å-H(Å~C), M-Å-H(Å~N), M-Å-S, and M-Å-M (M = Pd(II) or Pt(II)) Interactions. Inorganic Chemistry, 1998, 37, 3767-3774.	4.0	98
29	Minor groove intercalation of λ^2 -[Ru(Me ₂ phen)2dppz] ²⁺ to the hexanucleotide d(GTCGAC) ₂ . Dalton Transactions RSC, 2002, , 849.	2.3	91
30	The fate of platinum(II) and platinum(IV) anti-cancer agents in cancer cells and tumours. Journal of Structural Biology, 2006, 155, 38-44.	2.8	90
31	Gastrointestinal Toxicity, Antiinflammatory Activity, and Superoxide Dismutase Activity of Copper and Zinc Complexes of the Antiinflammatory Drug Indomethacin. Chemical Research in Toxicology, 2003, 16, 28-37.	3.3	86
32	Dual Targeting of Hypoxic and Acidic Tumor Environments with a Cobalt(III) Chaperone Complex. Journal of Medicinal Chemistry, 2012, 55, 11013-11021.	6.4	85
33	Influence of Equatorial and Axial Carboxylato Ligands on the Kinetic Inertness of Platinum(IV) Complexes in the Presence of Ascorbate and Cysteine and within DLD-1 Cancer Cells. Journal of Medicinal Chemistry, 2013, 56, 8757-8764.	6.4	85
34	Harnessing the properties of cobalt coordination complexes for biological application. Coordination Chemistry Reviews, 2018, 375, 221-233.	18.8	84
35	Calculation of the Hydrophobicity of Platinum Drugs. Journal of Medicinal Chemistry, 2001, 44, 472-474.	6.4	80
36	Molecular mechanics analysis of the stereochemical factors influencing monofunctional and bifunctional binding of cis-diamminedichloroplatinum(II) to adenine and guanine nucleobases in the sequences d(GpApGpG).cntdot.d(CpCpTpC) and d(GpGpApG).cntdot.d(CpTpCpC) of A- and B-DNA. Inorganic Chemistry, 1991, 30, 937-942.	4.0	79

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37	Cobalt(III) Chaperone Complexes of Curcumin: Photoreduction, Cellular Accumulation and Light-Selective Toxicity towards Tumour Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 15224-15234.	3.3	79
38	Modification of Platinum(II) Antitumor Complexes with Sulfur Ligands. 1. Synthesis, Structure, and Spectroscopic Properties of Cationic Complexes of the Types [PtCl(diamine)(L)]NO ₃ and [PtCl(diamine) ₂ (L-L)](NO ₃) ₂ (L = Monofunctional Thiourea Derivative; L-L = Bifunctional Thiourea) <i>Inorganic Chemistry</i> , 2001, 40, 771-777.	4.0	77
39	Preparation and characterization of dinuclear copper(II)-indomethacin anti-inflammatory drugs. <i>Inorganica Chimica Acta</i> , 2001, 324, 150-161.	2.4	71
40	The Directionality of d-Orbitals and Molecular-Mechanics Calculations of Octahedral Transition-Metal Compounds. <i>Helvetica Chimica Acta</i> , 1995, 78, 2042-2047.	1.6	68
41	Platination of A GG Site on Single-Stranded and Double-Stranded forms of A 14-Base Oligonucleotide with Diaqua Cisplatin followed by NMR and HPLC. Influence of the Platinum Ligands and Base Sequence on 5'-C Versus 3'-C Platination Selectivity. <i>FEBS Journal</i> , 1997, 249, 370-382.	0.2	68
42	Accumulation of an anthraquinone and its platinum complexes in cancer cell spheroids: the effect of charge on drug distribution in solid tumour models. <i>Chemical Communications</i> , 2009, , 2673.	4.1	68
43	Investigations using fluorescent ligands to monitor platinum(IV) reduction and platinum(II) reactions in cancer cells. <i>Dalton Transactions</i> , 2009, , 3092.	3.3	66
44	Steric contributions to the thermodynamics of electron transfer in cobalt(III) hexamine complexes. <i>Inorganic Chemistry</i> , 1988, 27, 2496-2501.	4.0	65
45	Preparation, DNA Binding, and in Vitro Cytotoxicity of a Pair of Enantiomeric Platinum(II) Complexes, [(R)- and (S)-3-Aminohexahydroazepine]dichloro-platinum(II). Crystal Structure of the S-Enantiomer. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 1090-1098.	6.4	65
46	DFT Study of the Systematic Variations in Metal-Ligand Bond Lengths of Coordination Complexes: The Crucial Role of the Condensed Phase. <i>Inorganic Chemistry</i> , 2007, 46, 8238-8244.	4.0	65
47	Molecular mechanics analysis of the influence of interligand interactions on isomer stabilities and barriers to isomer interconversion in diammine- and bis(amine)bis(purine)platinum(II) complexes. <i>Inorganic Chemistry</i> , 1988, 27, 1073-1077.	4.0	63
48	Rates of Platination of AG and GA Containing Double-Stranded Oligonucleotides: Insights into Why Cisplatin Binds to GG and AG but Not GA Sequences in DNA. <i>Journal of the American Chemical Society</i> , 1998, 120, 11380-11390.	13.7	63
49	Models of hypoxia activated prodrugs: Co(III) complexes of hydroxamic acids. <i>Dalton Transactions</i> , 2006, , 1895.	3.3	59
50	Macrocyclic ligand design. X-Ray, DFT and solution studies of the effect of N-methylation and N-benylation of 1,4,10,13-tetraoxa-7,16-diazacyclooctadecane on its affinity for selected transition and post-transition metal ions. <i>Dalton Transactions RSC</i> , 2001, , 614-620.	2.3	58
51	Studies of the binding of a series of platinum(IV) complexes to plasma proteins. <i>Journal of Inorganic Biochemistry</i> , 2002, 88, 260-267.	3.5	58
52	Database Analysis of Transition Metal Carbonyl Bond Lengths: Insight into the Periodicity of π Back-Bonding, σ Donation, and the Factors Affecting the Electronic Structure of the TM-CO Moiety. <i>Organometallics</i> , 2007, 26, 2815-2823.	2.3	56
53	Elemental Tomography of Cancer-Cell Spheroids Reveals Incomplete Uptake of Both Platinum(II) and Platinum(IV) Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 13400-13401.	13.7	56
54	Quantitative measurement of the reduction of platinum(IV) complexes using X-ray absorption near-edge spectroscopy (XANES). <i>Metallomics</i> , 2012, 4, 568.	2.4	56

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55	Getting to the core of platinum drug bio-distributions: the penetration of anti-cancer platinum complexes into spheroid tumour models. <i>Metallomics</i> , 2012, 4, 1209.	2.4	56
56	Determination of the Structures of Antiinflammatory Copper(II) Dimers of Indomethacin by Multiple-Scattering Analyses of X-ray Absorption Fine Structure Data. <i>Inorganic Chemistry</i> , 2001, 40, 1295-1302.	4.0	54
57	Visualising the hypoxia selectivity of cobalt(III) prodrugs. <i>Chemical Science</i> , 2011, 2, 2135.	7.4	54
58	Cobalt complexes with tripodal ligands: implications for the design of drug chaperones. <i>Dalton Transactions</i> , 2012, 41, 11293.	3.3	50
59	Comparative efficacy of novel platinum(IV) compounds with established chemotherapeutic drugs in solid tumour models. <i>Biochemical Pharmacology</i> , 2004, 67, 17-30.	4.4	49
60	XANES investigation of the Co oxidation state in solution and in cancer cells treated with Co(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 963-971.	3.5	48
61	Preparation, characterization, cytotoxicity, and mutagenicity of a pair of enantiomeric platinum(II) complexes with the potential to bind enantioselectively to DNA. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 3663-3668.	6.4	46
62	Towards bioreductively activated prodrugs: Fe(III) complexes of hydroxamic acids and the MMP inhibitor marimastat. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 396-403.	3.5	46
63	Dinuclear Platinum Complexes Form a Novel Intrastrand Adduct with d(GpC), an anti-syn Conformation of the Macrochelate As Observed by NMR and Molecular Modeling. <i>Journal of the American Chemical Society</i> , 1996, 118, 9307-9313.	13.7	45
64	Rhodium complexes containing bidentate imidazolyl ligands: synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 1999, 588, 69-77.	1.8	45
65	The synthesis and characterization of norbornylsilasesquioxanes. <i>Applied Organometallic Chemistry</i> , 1992, 6, 253-260.	3.5	44
66	Inhibition of experimental colorectal cancer and reduction in renal and gastrointestinal toxicities by copper(II)-indomethacin in rats. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 66, 755-764.	2.3	43
67	Cellular uptake and distribution of cobalt complexes of fluorescent ligands. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 861-871.	2.6	41
68	[¹ H, ¹⁵ N] Heteronuclear Single Quantum Coherence NMR Study of the Mechanism of Aquation of Platinum(IV) Ammine Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 7673-7680.	4.0	41
69	Reactions of the cis-diamminediaquaplatinum(II) cation with glycylglycine, N-glycylglycine, and N-(N-glycylglycyl)glycine. Crystal structure of a complex with two diammineplatinum(II) cations bound to glycylglycinate. <i>Inorganic Chemistry</i> , 1990, 29, 3562-3569.	4.0	40
70	Structural Measure of Metal-Ligand Covalency from the Bonding in Carboxylate Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 2833-2835.	4.0	40
71	Platinum(IV) Anticancer Complexes. , 2004, , 297-322.		39
72	Oxidative Addition of the Dithiobis(formamidinium) Cation to Platinum(II) Chloro Am(m)ine Compounds: A Study on Structure, Spectroscopic Properties, Reactivity, and Cytotoxicity of a New Class of Platinum(IV) Complexes Exhibiting S-Thiourea Coordination. <i>Inorganic Chemistry</i> , 1996, 35, 4865-4872.	4.0	38

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73	Characterization and X-ray Absorption Spectroscopic Studies of Bis[quinato(2 ⁻)]oxochromate(V)1. <i>Inorganic Chemistry</i> , 2000, 39, 990-997.	4.0	38
74	Conformations of cyclic octapeptides and the influence of heterocyclic ring constraints upon calcium binding. <i>Perkin Transactions II RSC</i> , 2000, , 323-331.	1.1	36
75	Synthesis of novel ruthenium complexes containing bidentate imidazole-based ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2341-2346.	1.1	35
76	[Pt ₂ Cl ₂ (μ ₂ -O ₂) ₂ ([9]aneN ₃) ₂]Cl ₂ : A Novel Platinum(IV) Dimer with Two Bridging Peroxo Ligands that Provides Insight into the Mechanism of Aerial Oxidation of Platinum(II). <i>Inorganic Chemistry</i> , 1998, 37, 5408-5409.	4.0	35
77	Structural Investigations of Palladium(II) and Platinum(II) Complexes of Salicylhydroxamic Acid. <i>Inorganic Chemistry</i> , 2002, 41, 1223-1228.	4.0	35
78	Platinum(IV) Analogues of AMD473 (cis-[PtCl ₂ (NH ₃)(2-picoline)]) ⁺ : Preparative, Structural, and Electrochemical Studies. <i>Inorganic Chemistry</i> , 2006, 45, 6317-6322.	4.0	35
79	Kinetics and structural aspects of the cisplatin interactions with guanine: A quantum mechanical description. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 2129-2144.	2.0	35
80	Interactions of cisplatin and the copper transporter CTR1 in human colon cancer cells. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 765-774.	2.6	35
81	DNA Binding of a Platinum(II) Complex Designed To Bind Interstrand but Not Intrastrand. <i>Journal of the American Chemical Society</i> , 1994, 116, 2673-2674.	13.7	34
82	Preparation, Characterization, DNA Binding, and in Vitro Cytotoxicity of the Enantiomers of the Platinum(II) Complexes N-Methyl-, N-Ethyl- and N,N-Dimethyl-(R)- and -(S)-3-aminohexahydroazepinedichloroplatinum(II). <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3508-3515.	6.4	34
83	Polypyrazolylmethane complexes of ruthenium. <i>Dalton Transactions RSC</i> , 2001, , 1959-1965.	2.3	34
84	NMR Spectroscopic Characterization of Copper(II) and Zinc(II) Complexes of Indomethacin. <i>Inorganic Chemistry</i> , 2004, 43, 2943-2946.	4.0	34
85	Double Helical Dinuclear Copper(I) Complexes of Macrocyclic Bis(dithiadiimine) Ligands. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1883-1885.	4.4	32
86	Systematic differences in electrochemical reduction of the structurally characterized anti-cancer platinum(IV) complexes [Pt{((p-HC ₆ F ₄)NCH ₂) ₂ }(pyridine) ₂ Cl ₂], [Pt{((p-HC ₆ F ₄)NCH ₂) ₂ }(pyridine) ₂ (OH) ₂], and [Pt{((p-HC ₆ F ₄)NCH ₂) ₂ }(pyridine) ₂ (OH)Cl]. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 226-239.	3.5	32
87	The use of spectroscopic imaging and mapping techniques in the characterisation and study of DLD-1 cell spheroid tumour models. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 1072-1080.	1.3	32
88	A ratiometric fluorescent sensor for the mitochondrial copper pool. <i>Metallomics</i> , 2016, 8, 915-919.	2.4	32
89	Highly Diastereoselective Conjugate Addition of Lithiated ¹³ C-Crotonolactone (But-2-en-4-olide) to Cyclic Enones To Give Syn-Adducts: Application to a Brefeldin Synthesis. <i>Journal of Organic Chemistry</i> , 1997, 62, 4552-4553.	3.2	30
90	Strain energy minimization study of the mechanism of, and the barrier to, conformational interconversion in five-membered diamine chelate rings. <i>Journal of Computational Chemistry</i> , 1987, 8, 651-657.	3.3	29

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91	Energy-Minimized Structures and Calculated and Experimental Isomer Distributions in the Hexaamminecobalt(III) system [Co(trap) ₂] ³⁺ (trap = 1,2,3-propanetriamine). <i>Helvetica Chimica Acta</i> , 1988, 71, 1875-1880.	1.6	29
92	The preparation and characterization of trans-platinum(IV) complexes with unusually high cytotoxicity. <i>Dalton Transactions</i> , 2011, 40, 344-347.	3.3	29
93	The preparation and characterisation of cyclam/antraquinone macrocycle/intercalator complexes and their interactions with DNA. <i>Dalton Transactions</i> , 2003, , 2728-2736.	3.3	28
94	Rates of platination of -AG- and -GA- containing double-stranded oligonucleotides: effect of chloride concentration. <i>Journal of Inorganic Biochemistry</i> , 2000, 79, 167-172.	3.5	27
95	Investigations into the Interactions between DNA and Conformationally Constrained Pyridylamineplatinum(II) Analogues of AMD473. <i>Inorganic Chemistry</i> , 2003, 42, 3582-3590.	4.0	27
96	A novel class of copper(II)- and zinc(II)-bound non-steroidal anti-inflammatory drugs that inhibits acute inflammation in vivo. <i>Cell and Bioscience</i> , 2016, 6, 9.	4.8	27
97	Combined NMR and Molecular Mechanics Study of the Isomers Formed in the Reaction of Dichloro(1,4-diazacycloheptane)platinum(II) with the Dinucleotide d(GpG). <i>Inorganic Chemistry</i> , 1996, 35, 4663-4668.	4.0	24
98	Preparation and cell growth inhibitory activity of [PtR ₂ L ₂] (R=polyfluorophenyl, L ₂ =diene,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td [Pt(C ₆ F ₅) ₂ (cis-chxn)]. <i>Journal of Inorganic Biochemistry</i> , 2002, 89, 293-301.	3.5	24
99	XAFS Studies of Anti-Inflammatory Dinuclear and Mononuclear Zn(II) Complexes of Indomethacin. <i>Inorganic Chemistry</i> , 2003, 42, 8557-8566.	4.0	24
100	Physiological Targeting to Improve Anticancer Drug Selectivity. <i>Australian Journal of Chemistry</i> , 2008, 61, 647.	0.9	24
101	Fluorescent sensing of monofunctional platinum species. <i>Chemical Communications</i> , 2015, 51, 6312-6314.	4.1	24
102	The composition and end-group functionality of sterically stabilized nanoparticles enhances the effectiveness of co-administered cytotoxins. <i>Biomaterials Science</i> , 2013, 1, 1260-1272.	5.4	23
103	The reduction of cis-platinum(IV) complexes by ascorbate and in whole human blood models using ¹ H NMR and XANES spectroscopy. <i>Metallomics</i> , 2019, 11, 686-695.	2.4	23
104	Template Synthesis, Crystal Structure, and Spectroscopic Characterization of [N,N'-Bis(2-pyridylmethylene)-1,3-diamino-2-methyl-2-nitropropane] copper(II) Perchlorate. <i>Helvetica Chimica Acta</i> , 1985, 68, 2332-2341.	1.6	22
105	Chelate-ring-opened adducts of [Pt(en)(Me-Mal-O) ₂] (en=ethane-1,2-diamine,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 Td platinum anticancer agents. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 469-478.	1.1	22
106	Structure and dynamics of a platinum(II) aminophosphine complex and its nucleobase adducts. <i>Dalton Transactions RSC</i> , 2001, , 362-372.	2.3	22
107	The first examples of platinum amine hydroxamate complexes: structures and biological activity. <i>Dalton Transactions</i> , 2003, , 1596-1600.	3.3	22
108	Dinuclear Chromium(V) Amino Acid Complexes from the Reduction of Chromium(VI) in the Presence of Amino Acid Ligands: A XAFS Characterization of a Chromium(V) Amino Acid Complex. <i>Inorganic Chemistry</i> , 2001, 40, 5097-5105.	4.0	21

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109	Fluorescent analogues of quinoline reveal amine ligand loss from cis and trans platinum(II) complexes in cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1120-1125.	3.5	21
110	<i>trans</i> -Platinum(IV) pro-drugs that exhibit unusual resistance to reduction by endogenous reductants and blood serum but are rapidly activated inside cells: ¹ H NMR and XANES spectroscopy study. <i>Dalton Transactions</i> , 2020, 49, 7722-7736.	3.3	21
111	Increased targeting of adenine-rich sequences by (2-amino-2-methyl-3-butanone) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 T <i>Inorganic Chemistry</i> , 2000, 5, 675-681.	2.6	20
112	Insights into bonding and hydrogen bond directionality in thioacetamide from the experimental charge distribution. <i>Perkin Transactions II RSC</i> , 2002, , 235-239.	1.1	20
113	The electron density in flavones I. Baicalein. <i>New Journal of Chemistry</i> , 2003, 27, 1392-1398.	2.8	20
114	Platinum-oxazoline complexes as anti-cancer agents: syntheses, characterisation and initial biological studies. <i>MedChemComm</i> , 2011, 2, 274.	3.4	20
115	What Can Be Learnt from Computer-Generated Models of Interactions Between DNA and Pt(II) Based Anti-Cancer Drugs?. <i>Comments on Inorganic Chemistry</i> , 1992, 14, 1-26.	5.2	19
116	Three new platinum(II) dipeptide complexes. <i>Journal of Inorganic Biochemistry</i> , 1999, 73, 173-186.	3.5	19
117	Crystal Structures of Tris(hydroxamato) Complexes of Iron(III). <i>Australian Journal of Chemistry</i> , 2000, 53, 879.	0.9	19
118	Electrochemistry, Protein Binding and Crystal Structures of Platinum(II) and Platinum(IV) Carboxylato Complexes. <i>Australian Journal of Chemistry</i> , 2002, 55, 699.	0.9	19
119	Chiral Tetraamines Based on (S)-2-(Aminomethyl)pyrrolidine: Template synthesis and properties of copper(II) complexes. <i>Helvetica Chimica Acta</i> , 1992, 75, 145-152.	1.6	18
120	Using XANES to Monitor the Oxidation State of Cobalt Complexes. <i>Australian Journal of Chemistry</i> , 2007, 60, 180.	0.9	18
121	Structure, Stability, and Interconversion Barriers of the Rotamers of <i>cis</i> -[Pt(II)Cl ₂ (quinoline) ₂] and <i>cis</i> -[Pt(II)Cl ₂ (3-bromoquinoline)(quinoline)] from X-ray Crystallography, NMR Spectroscopy and Molecular Mechanics Evidence. <i>Inorganic Chemistry</i> , 2001, 40, 3048-3054.	4.0	17
122	Transporter and protease mediated delivery of platinum complexes for precision oncology. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 457-466.	2.6	17
123	Immobilisierung von platinieren und iodierten DNA-Oligomeren an Kohlenstoff-Nanoröhren. <i>Angewandte Chemie</i> , 1997, 109, 2291-2294.	2.0	16
124	The preparation and characterisation of some aminesulfoxidedichloroplatinum(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3705.	1.1	15
125	Synthesis and some octahedral complexes of a chiral triaza macrocycle. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1975-1980.	1.1	15
126	Nuclear Magnetic Resonance Analysis of Indomethacin-Induced Gastric Ulcers. <i>Chemical Research in Toxicology</i> , 2005, 18, 123-128.	3.3	15

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127	Iron(III) complexes of fluorescent hydroxamate ligands: preparation, properties, and cellular processing. Dalton Transactions, 2009, , 10787.	3.3	15
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129	A fluorescent probe for investigating metabolic stability of active transplatin analogues. Sensors and Actuators B: Chemical, 2018, 255, 2721-2724.	7.8	15
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