

# Sue Berners-Price

## List of Publications by Year in descending order

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132  
papers

8,490  
citations

34105

52  
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45317

90  
g-index

146  
all docs

146  
docs citations

146  
times ranked

6018  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-Targeted Chemotherapeutics: The Rational Design of Gold(I) N-Heterocyclic Carbene Complexes That Are Selectively Toxic to Cancer Cells and Target Protein Selenols in Preference to Thiols. <i>Journal of the American Chemical Society</i> , 2008, 130, 12570-12571.	13.7	535
2	Gold compounds as therapeutic agents for human diseases. <i>Metallomics</i> , 2011, 3, 863.	2.4	442
3	Targeting the mitochondrial cell death pathway with gold compounds. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1889-1902.	18.8	385
4	Luminescence Studies of the Intracellular Distribution of a Dinuclear Gold(I) N-Heterocyclic Carbene Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5966-5970.	13.8	242
5	Cationic, linear Au(I) N-heterocyclic carbene complexes: synthesis, structure and anti-mitochondrial activity. <i>Dalton Transactions</i> , 2006, , 3708.	3.3	237
6	Mechanisms of cytotoxicity and antitumor activity of gold(I) phosphine complexes: the possible role of mitochondria. <i>Coordination Chemistry Reviews</i> , 2002, 232, 127-135.	18.8	230
7	Mitochondrial permeability transition induced by dinuclear gold(I) carbene complexes: potential new antimitochondrial antitumour agents. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1642-1647.	3.5	223
8	Role of lipophilicity in determining cellular uptake and antitumour activity of gold phosphine complexes. <i>Cancer Chemotherapy and Pharmacology</i> , 2000, 46, 343-350.	2.3	197
9	In vitro antitumour and hepatotoxicity profiles of Au(I) and Ag(I) bidentate pyridyl phosphine complexes and relationships to cellular uptake. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 303-310.	3.5	174
10	Synthesis and structural characterisation of linear Au(I) N-heterocyclic carbene complexes: New analogues of the Au(I) phosphine drug Auranofin. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5625-5635.	1.8	172
11	A gold(I) phosphine complex selectively induces apoptosis in breast cancer cells: Implications for anticancer therapeutics targeted to mitochondria. <i>Biochemical Pharmacology</i> , 2007, 74, 992-1002.	4.4	171
12	Dinuclear gold(I) complexes of bridging bidentate carbene ligands: synthesis, structure and spectroscopic characterisation. <i>Dalton Transactions</i> , 2004, , 1038-1047.	3.3	164
13	Insights into the mechanism of action of platinum anticancer drugs from multinuclear NMR spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2006, 49, 65-98.	7.5	159
14	Phosphines and metal phosphine complexes: Relationship of chemistry to anticancer and other biological activity. <i>Structure and Bonding</i> , 1988, , 27-102.	1.0	158
15	Slowing of Cisplatin Aquation in the Presence of DNA but Not in the Presence of Phosphate: A 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
16	Coordination complexes of silver(I) with tertiary phosphine and related ligands. <i>Coordination Chemistry Reviews</i> , 2009, 253, 325-342.	18.8	135
17	Copper(I) complexes with bidentate tertiary phosphine ligands: solution chemistry and antitumor activity. <i>Inorganic Chemistry</i> , 1987, 26, 3383-3387.	4.0	132
18	Diversity in Guanine-Selective DNA Binding Modes for an Organometallic Ruthenium Arene Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8153-8156.	13.8	132

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19	Cytotoxicity and antitumor activity of some tetrahedral bis(diphosphino)gold(I) chelates. <i>Journal of Medicinal Chemistry</i> , 1990, 33, 1386-1392.	6.4	118
20	Hydrolysis products of cisplatin: pK <sub>a</sub> determinations via [ <sup>1</sup> H, <sup>15</sup> N] NMR spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 789.	2.0	118
21	Activating Platinum Anticancer Complexes with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 804-805.	13.8	118
22	Structural and solution chemistry of gold(I) and silver(I) complexes of bidentate pyridyl phosphines: selective antitumour agents. <i>Coordination Chemistry Reviews</i> , 1999, 185-186, 823-836.	18.8	115
23	Long Range 1,4 and 1,6-Interstrand Cross-Links Formed by a Trinuclear Platinum Complex. Minor Groove Preassociation Affects Kinetics and Mechanism of Cross-Link Formation as Well as Adduct Structure. <i>Journal of the American Chemical Society</i> , 2004, 126, 2166-2180.	13.7	111
24	Coordination chemistry of metallodrugs: insights into biological speciation from NMR spectroscopy. <i>Coordination Chemistry Reviews</i> , 1996, 151, 1-40.	18.8	108
25	Antimicrobial and anticancer activity of tetrahedral, chelated, diphosphine silver(I) complexes: Comparison with copper and gold. <i>Journal of Inorganic Biochemistry</i> , 1988, 33, 285-295.	3.5	107
26	Kinetic Analysis of the Stepwise Formation of a Long-Range DNA Interstrand Cross-link by a Dinuclear Platinum Antitumor Complex: Evidence for Aquated Intermediates and Formation of Both Kinetically and Thermodynamically Controlled Conformers. <i>Journal of the American Chemical Society</i> , 2001, 123, 1316-1326.	13.7	106
27	Substrate and inhibitor specificities differ between human cytosolic and mitochondrial thioredoxin reductases: Implications for development of specific inhibitors. <i>Free Radical Biology and Medicine</i> , 2011, 50, 689-699.	2.9	93
28	Reaction of cis- and trans-[PtCl <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ] with reduced glutathione inside human red blood cells, studied by <sup>1</sup> H and <sup>15</sup> N-{ <sup>1</sup> H} DEPT NMR. <i>Journal of Inorganic Biochemistry</i> , 1990, 38, 327-345.	3.5	90
29	Gold(I) complexes with bidentate tertiary phosphine ligands: formation of annular vs. tetrahedral chelated complexes. <i>Inorganic Chemistry</i> , 1986, 25, 3822-3827.	4.0	88
30	Reaction of cis- and trans-[PtCl <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ] with reduced glutathione studied by <sup>1</sup> H, <sup>13</sup> C, <sup>195</sup> Pt and <sup>15</sup> N-{ <sup>1</sup> H} DEPT NMR. <i>Journal of Inorganic Biochemistry</i> , 1990, 38, 305-326.	3.5	88
31	Recent advances in the application of <sup>13</sup> C and <sup>15</sup> N NMR spectroscopy to soil organic matter studies. <i>Soil Research</i> , 2000, 38, 769.	1.1	88
32	Coordination chemistry of metallodrugs: insights into biological speciation from NMR spectroscopy. <i>Coordination Chemistry Reviews</i> , 1996, 151, 1-40.	18.8	83
33	Tertiary phosphine complexes of gold(I) and gold(III) with imido ligands: <sup>1</sup> H, <sup>31</sup> P, and <sup>15</sup> N NMR spectroscopy, antiinflammatory activity, and x-ray crystal structure of (phthalimido)(triethylphosphine)gold(I). <i>Inorganic Chemistry</i> , 1985, 24, 3425-3434.	4.0	78
34	Stereospecific hydrogen-bonding in mononucleotide adducts of platinum anticancer complexes in aqueous solution. <i>Journal of the American Chemical Society</i> , 1993, 115, 8649-8659.	13.7	78
35	Reactions of cisplatin hydrolytes with methionine, cysteine, and plasma ultrafiltrate studied by a combination of HPLC and NMR techniques. <i>Journal of Inorganic Biochemistry</i> , 1999, 77, 13-21.	3.5	76
36	NanoSIMS multi-element imaging reveals internalisation and nucleolar targeting for a highly-charged polynuclear platinum compound. <i>Chemical Communications</i> , 2013, 49, 6944.	4.1	75

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37	Cis-trans isomerization of [bis(L-methioninato)platinum]: metabolite of the anticancer drug cisplatin. <i>Inorganic Chemistry</i> , 1993, 32, 2249-2255.	4.0	74
38	Kinetic and Equilibria Studies of the Aquation of the Trinuclear Platinum Phase II Anticancer Agent $[\{\text{trans-PtCl}(\text{NH}_3)_2\}_2\{\frac{1}{4}\text{-trans-Pt}(\text{NH}_3)_2(\text{NH}_2(\text{CH}_2)_6\text{NH}_2)_2\}]^{4+}$ (BBR3464). <i>Inorganic Chemistry</i> , 2002, 41, 1101-1109.	4.0	74
39	Phosphorus-31 NMR studies of $[\text{Au}_2(\mu\text{-dppe})_2]^+$ antitumor complexes. Conversion into $[\text{Au}(\text{dppe})_2]^+$ induced by thiols and blood plasma. <i>Inorganic Chemistry</i> , 1987, 26, 3074-3077.	4.0	71
40	Kinetic analysis of the human erythrocyte glyoxalase system using $^1\text{H}$ NMR and a computer model. <i>FEBS Journal</i> , 1990, 193, 83-90.	0.2	71
41	Stable gold(I) complexes with chelate rings: solution studies of bis(phosphino)ethane complexes and X-ray crystal structure of bis[1,2-bis(diphenylphosphino)ethane]gold(I) hexafluoroantimonate acetone (1/1). <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 969-974.	1.1	70
42	Kinetic Analysis of the Stepwise Platination of Single- and Double-Stranded GG Oligonucleotides with Cisplatin and $\text{cis-PtCl}(\text{H}_2\text{O})(\text{NH}_3)_2$ . <i>Chemistry - A European Journal</i> , 1996, 2, 1283-1291.	3.3	69
43	Bioenergetic differences selectively sensitize tumorigenic liver progenitor cells to a new gold(I) compound. <i>Carcinogenesis</i> , 2008, 29, 1124-1133.	2.8	69
44	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'-G Versus 3'-G Platination Selectivity. <i>FEBS Journal</i> , 1997, 249, 370-382.	0.2	68
45	The Design of Gold-Based, Mitochondria-Targeted Chemotherapeutics. <i>Australian Journal of Chemistry</i> , 2008, 61, 661.	0.9	65
46	Equilibrium and Kinetic Studies of the Aquation of the Dinuclear Platinum Complex $[\{\text{trans-PtCl}(\text{NH}_3)_2(\frac{1}{4}\text{-NH}_2(\text{CH}_2)_6\text{NH}_2)\}_2]^{2+}$ : pKa Determinations of Aqua Ligands via $[\text{H}, \text{N}]$ NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2000, 39, 1710-1715.	4.0	64
47	Electrochemical and spectroscopic studies on $\text{RuCl}_2(\text{PPh}_3)_2(\text{N})_2$ and $\text{RuCl}_2(\text{PPh}_3)_2(\text{N}=\text{N})$ complexes (N=pyridine derivatives and N=phenanthroline or bipyridine derivatives). X-ray structure of $\text{RuCl}_2(\text{PPh}_3)_2(\text{phen})$ . <i>Polyhedron</i> , 2001, 20, 2123-2128.	2.2	64
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	Stable, chelated tetrahedral bis(phosphine) silver(I) complexes. A novel application of INEPT to silver-109{phosphorus-31} NMR. <i>Inorganic Chemistry</i> , 1985, 24, 4278-4281.	4.0	61
50	Visualising gold inside tumour cells following treatment with an antitumour gold(I) complex. <i>Metallomics</i> , 2011, 3, 917.	2.4	61
51	Gold(I) chloride adducts of 1,3-bis(di-2-pyridylphosphino)propane: synthesis, structural studies and antitumour activity. <i>Dalton Transactions</i> , 2007, , 4943.	3.3	55
52	Hydrofluoric acid pre-treatment for improving $^{13}\text{C}$ CPMAS NMR spectral quality of forest soils in south-east Queensland, Australia. <i>Soil Research</i> , 2002, 40, 665.	1.1	54
53	Platination Pathways for Reactions of Cisplatin with GG Single-Stranded and Double-Stranded Decanucleotides. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1874-1877.	4.4	52
54	Composition and quality of harvest residues and soil organic matter under windrow residue management in young hoop pine plantations as revealed by solid-state NMR spectroscopy. <i>Forest Ecology and Management</i> , 2003, 175, 467-488.	3.2	52

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55	Silver(I) nitrate adducts with bidentate 2-, 3- and 4-pyridyl phosphines. Solution $^{31}\text{P}$ and $^{109}\text{Ag}$ NMR studies of $1:2$ complexes and crystal structure of dimeric $[\{\text{Ag}(\text{d}2\text{pype})(\mu\text{-d}2\text{pype})\}_2][\text{NO}_3]_2 \cdot 2\text{CH}_2\text{Cl}_2$ [ $\text{d}2\text{pype} = 1,2\text{-bis}(\text{di-}2\text{-pyridylphosphino})\text{ethane}$ ]. Journal of the Chemical Society Dalton Transactions, 1998, , 1743.	1.1	50
56	Convenient synthetic routes to bidentate and monodentate 2-, 3- and 4-pyridyl phosphines: potentially useful ligands for water-soluble complex catalysts. Journal of Organometallic Chemistry, 1998, 554, 181-184.	1.8	49
57	Copper(I) and gold(I) complexes with cis-bis(diphenylphosphino)ethylene. Crystal structures and $^{31}\text{P}$ cross-polarization magic angle spinning nuclear magnetic resonance studies. Journal of the Chemical Society Dalton Transactions, 1992, , 3357.	1.1	47
58	Anticancer activity of a Gold(I) phosphine thioredoxin reductase inhibitor in multiple myeloma. Redox Biology, 2020, 28, 101310.	9.0	47
59	$^1\text{H}$ and $^{31}\text{P}$ NMR and HPLC studies of mouse L1210 Leukemia cell extracts: The effect of Au(I) and Cu(I) diphosphine complexes on the cell metabolism. Magnetic Resonance in Medicine, 1991, 18, 142-158.	3.0	43
60	$^1\text{H}$ , $^{15}\text{N}$ NMR Investigations of Pt-NH Hydrogen Bonding in $\text{d}(\text{GpG})$ , $\text{d}(\text{pGpG})$ , and $\text{d}(\text{TpGpG})\text{-N}_7\text{,N}_7$ Adducts of $[\text{Pt}(\text{en})]^{2+}$ in Aqueous Solution. Inorganic Chemistry, 1994, 33, 5842-5846.	4.0	42
61	Structure-activity relationships in platinum-acridinylthiourea conjugates: effect of the thiourea nonleaving group on drug stability, nucleobase affinity, and in vitro cytotoxicity. Journal of Biological Inorganic Chemistry, 2004, 9, 453-461.	2.6	42
62	$^1\text{H}$ , $^{15}\text{N}$ Heteronuclear Single Quantum Coherence NMR Study of the Mechanism of Aquation of Platinum(IV) Ammine Complexes. Inorganic Chemistry, 2008, 47, 7673-7680.	4.0	41
63	Influence of amine ligands on the aquation and cytotoxicity of trans-diamine platinum(ii) anticancer complexes. Dalton Transactions, 2009, , 3457.	3.3	41
64	The autoxidation and proton dissociation constants of tertiary diphosphines: relevance to biological activity. Journal of Inorganic Biochemistry, 1987, 31, 197-209.	3.5	40
65	Serine protease inhibition and mitochondrial dysfunction associated with cisplatin resistance in human tumor cell lines: Targets for therapy. Biochemical Pharmacology, 1997, 53, 1673-1682.	4.4	40
66	NMR and structural studies of gold(I) chloride adducts with bidentate 2-, 3- and 4-pyridyl phosphines. Journal of the Chemical Society Dalton Transactions, 1999, , 1337-1346.	1.1	37
67	The Chemistry of Cisplatin in Aqueous Solution. , 0, , 3-35.		36
68	Antiangiogenic platinum through glycan targeting. Chemical Science, 2017, 8, 241-252.	7.4	35
69	Competitive Reactions of Interstrand and Intrastrand DNA-Pt Adducts: A Dinuclear-Platinum Complex Preferentially Forms a 1,4-Interstrand Cross-Link Rather than a 1,2 Intrastrand Cross-link on Binding to a GG 14-Mer Duplex. Chemistry - A European Journal, 2003, 9, 713-725.	3.3	34
70	Effects of geometric isomerism in dinuclear platinum antitumor complexes on aquation reactions in the presence of perchlorate, acetate and phosphate. Journal of Biological Inorganic Chemistry, 2005, 10, 652-666.	2.6	34
71	Recent Advances in Mapping the Sub-cellular Distribution of Metal-Based Anticancer Drugs. Australian Journal of Chemistry, 2011, 64, 692.	0.9	34
72	Factors Affecting DNA-DNA Interstrand Cross-Links in the Antiparallel $3\text{'-}5\text{'}$ Sense: A Comparison with the $5\text{'-}3\text{'}$ Directional Isomer. Chemistry - A European Journal, 2009, 15, 9365-9374.	3.3	31

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73	Influence of anion on the solution and solid-state structures of some 1:2 adducts of silver(I) salts with 1,3-bis(diphenylphosphino)propane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1411-1420.	1.1	30
74	Bis((diphenylphosphino)(diethylphosphino)ethane)copper(1+) chloride: a chelated copper(I) complex with tetrahedral stereochemistry. Rate of inversion compared with those of isostructural silver(I) and gold(I) complexes. <i>Inorganic Chemistry</i> , 1986, 25, 596-599.	4.0	29
75	Sequence-Dependent Bending of DNA Induced by Cisplatin: NMR Structures of an A...T-Rich 14-mer Duplex. <i>Chemistry - A European Journal</i> , 2000, 6, 3636-3644.	3.3	29
76	1 : 2 Adducts of copper(i) halides with 1,2-bis(di-2-pyridylphosphino)ethane: solid state and solution structural studies and antitumour activity. <i>Dalton Transactions</i> , 2009, , 10861.	3.3	28
77	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
78	Chimeric Platinum-Polyamines and DNA Binding. Kinetics of DNA Interstrand Cross-Link Formation by Dinuclear Platinum Complexes with Polyamine Linkers. <i>Journal of the American Chemical Society</i> , 2012, 134, 7135-7146.	13.7	27
79	A new approach to glycan targeting: enzyme inhibition by oligosaccharide metallos shielding. <i>Chemical Communications</i> , 2014, 50, 4056-4058.	4.1	27
80	Nuclear magnetic resonance studies of N-H bonds in platinum anticancer complexes: detection of reaction intermediates and hydrogen bonding in guanosine 5'-monophosphate adducts of [PtCl <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2137-2139.	1.1	25
81	[ <sup>1</sup> H, <sup>15</sup> N] NMR studies of the aquation of cis-diamine platinum(II) complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 1022-1026.	2.4	25
82	Gold phosphine compounds as parasite attenuating agents for malaria vaccine and drug development. <i>Metallomics</i> , 2018, 10, 444-454.	2.4	24
83	Dinuclear Au N-heterocyclic carbene complexes derived from unsymmetrical azolium cyclophane salts: potential probes for live cell imaging applications. <i>Dalton Transactions</i> , 2016, 45, 12221-12236.	3.3	23
84	Substitution-Inert Polynuclear Platinum Complexes as Metalloshielding Agents for Heparan Sulfate. <i>Chemistry - A European Journal</i> , 2018, 24, 6606-6616.	3.3	23
85	Tetrahedral, chelated, silver(I) diphosphine complexes. Rapid measurements of chemical shifts and couplings by two-dimensional <sup>31</sup> P- <sup>109</sup> Ag NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 145-148.	1.9	22
86	Water-protein interaction in native and partially unfolded equine cytochrome c. <i>Molecular Physics</i> , 1998, 95, 797-808.	1.7	21
87	10. GALLIUM COMPLEXES AS ANTICANCER DRUGS. , 2018, 18, 281-302.		19
88	Gold(I) and silver(I) complexes of 2,3-bis(diphenylphosphino)maleic acid: Structural studies and antitumour activity. <i>Inorganica Chimica Acta</i> , 2005, 358, 4237-4246.	2.4	18
89	The stability of the cytochrome c scaffold as revealed by NMR spectroscopy. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 814-823.	3.5	17
90	Determination of the Kinetic Profile of a Dinuclear Platinum Anticancer Complex in the Presence of Sulfate: Introducing a New Tool for the Expedited Analysis of 2D [ <sup>1</sup> H, <sup>15</sup> N] HSQC NMR Spectra. <i>Inorganic Chemistry</i> , 2010, 49, 10815-10819.	4.0	17



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91	Bromide ion binding by a dinuclear gold( <i>sc</i> ) N-heterocyclic carbene complex: a spectrofluorescence and X-ray absorption spectroscopic study. Dalton Transactions, 2013, 42, 1259-1266.	3.3	17
92	NMR studies of erythrocytes immobilized in agarose and alginate gels. Magnetic Resonance in Medicine, 1992, 25, 273-288.	3.0	16
93	Effects of Geometric Isomerism and Anions on the Kinetics and Mechanism of the Stepwise Formation of Long-Range DNA Interstrand Cross-Links by Dinuclear Platinum Antitumor Complexes. Chemistry - A European Journal, 2008, 14, 6391-6405.	3.3	16
94	Structural Transitions of a GG-Platinated DNA Duplex Induced by pH, Temperature and Box A of High-Mobility-Group Protein 1. FEBS Journal, 1997, 243, 782-791.	0.2	15
95	Interaction of the antitumor Au(I) complex [Au(Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> ]Cl with human blood plasma, red cells, and lipoproteins: 31P an. Journal of Inorganic Biochemistry, 1987, 31, 267-281.	3.5	14
96	Glycans as Ligands in Bioinorganic Chemistry. Probing the Interaction of a Trinuclear Platinum Anticancer Complex with Defined Monosaccharide Fragments of Heparan Sulfate. Inorganic Chemistry, 2019, 58, 7146-7155.	4.0	14
97	Platinum complexes act as shielding agents against virus infection. Chemical Communications, 2021, 57, 4666-4669.	4.1	14
98	Sequence-Dependent Bending of DNA Induced by Cisplatin: NMR Structures of an Aâ€¦T-Rich 14-mer Duplex. Chemistry - A European Journal, 2000, 6, 3636-3644.	3.3	13
99	The <i>trans</i> Influence in the Modulation of Platinum Anticancer Agent Biology: The Effect of Nitrite Leaving Group on Aquation, Reactions with Sâ€Nucleophiles and DNA Binding of Dinuclear and Trinuclear Compounds. Chemistry - A European Journal, 2010, 16, 9175-9185.	3.3	13
100	Conformational Modulation of Iduronic Acidâ€Containing Sulfated Glycosaminoglycans by a Polynuclear Platinum Compound and Implications for Development of Antimetastatic Platinum Drugs. Angewandte Chemie - International Edition, 2021, 60, 3283-3289.	13.8	12
101	Solution studies of dinuclear polyamine-linked platinum-based antitumour complexes. Dalton Transactions, 2011, 40, 4147.	3.3	11
102	[Ag(I)(Et <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> ]NO <sub>3</sub> : An Antimitochondrial Silver Complex. Metal-Based Drugs, 1995, 2, 111-122.	3.8	10
103	The nature of the DNA template (single- versus double-stranded) affects the rate of aquation of a dinuclear Pt anticancer drug. Electronic supplementary information (ESI) available: experimental conditions for the NMR reactions, the models used for the kinetic fits and [1H,15N] HSQC NMR spectra of the final products from reactions of 1 with the single strand (I) (before and after addition of the) Tj ETQq1 1 0.784314 rgB <sup>9</sup> /Overlo Chemical Communications, 2002, 122-125.	4.1	10
104	Competitive formation of both long-range 5â€2â€5â€2 and short-range antiparallel 3â€2â€3â€2 DNA interstrand cross-links by a trinuclear platinum complex on binding to a 10-mer duplex. Dalton Transactions, 2013, 42, 3181-3187.	3.3	9
105	Selective antitumour activity of metal complexes of bidentate pyridylphosphines. Journal of Inorganic Biochemistry, 1997, 67, 154.	3.5	8
106	Competitive formation of DNA linkage isomers by a trinuclear platinum complex and the influence of pre-association. Dalton Transactions, 2015, 44, 3583-3593.	3.3	8
107	Biological relevance of interaction of platinum drugs with O-donor ligands. Inorganica Chimica Acta, 2019, 495, 118974.	2.4	7
108	A Comparison of the Potent <i>in vitro</i> Antitumor Activity of Triphenyltin Benzoates with that of Related Tin Compounds. Main Group Chemistry, 1995, 1, 165-167.	0.8	6

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109	Influence of geometric isomerism on the binding of platinum anticancer agents with phospholipids. Dalton Transactions, 2019, 48, 9791-9800.	3.3	5
110	Conformational Modulation of Iduronic Acid-Containing Sulfated Glycosaminoglycans by a Polynuclear Platinum Compound and Implications for Development of Antimetastatic Platinum Drugs. Angewandte Chemie, 2021, 133, 3320-3326.	2.0	5
111	On the Biology of Werner's Complex. Angewandte Chemie - International Edition, 2021, 60, 17123-17130.	13.8	5
112	Characterization of P=AU=N bonds in the solid state by <sup>15</sup> N NMR. Magnetic Resonance in Chemistry, 1986, 24, 734-736.	1.9	4
113	Confirming the 3D Solution Structure of a Short Double-Stranded DNA Sequence Using NMR Spectroscopy. Journal of Chemical Education, 2010, 87, 732-734.	2.3	4
114	Structural Factors Affecting Binding of Platinum Anticancer Agents with Phospholipids: Influence of Charge and Phosphate Clamp Formation. Chemistry - A European Journal, 2018, 24, 4643-4652.	3.3	4
115	4. METALLOGLYCOMICS. , 2018, , 109-140.		4
116	Silver Diphosphine Complexes as Antimitochondrial Agents. Metal-Based Drugs, 1994, 1, 523-523.	3.8	3
117	Gold-induced spin-state changes in haem proteins. Inorganica Chimica Acta, 1983, 79, 186-187.	2.4	2
118	Addition and Corrections: Tertiary Phosphine Complexes of Gold(I) and Gold(III) with Imido Ligands: <sup>1</sup> H, <sup>31</sup> P, and <sup>15</sup> N NMR Spectroscopy, Antiinflammatory Activity, and X-ray Crystal Structure of (Phthalimido)(triethylphosphine)gold(I). Inorganic Chemistry, 1986, 25, 1072-1072.	4.0	2
119	Steric Determinants of Pt/DNA Interactions and Anticancer Activity. Metal-Based Drugs, 1998, 5, 197-206.	3.8	2
120	A novel coordination mode for a pyridylphosphine ligand. X-ray structures of [RuCl <sub>2</sub> (NO)L] (I) and [RuCl <sub>2</sub> (NO)L]·DMSO (II) (L = [(2-py)2PC <sub>2</sub> H <sub>4</sub> POO(2-py)2] <sup>-</sup> ). Canadian Journal of Chemistry, 2001, 79, 1030-1035.	1.1	2
121	Chapter 8. Non-Covalent Polynuclear Platinum Compounds as Polyamine Analogs. RSC Drug Discovery Series, 2011, , 191-204.	0.3	2
122	NMR Spectroscopy of Platinum Drugs: From DNA to Body Fluids. , 1996, , 1-16.		1
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