

# Nicholas P Farrell

## List of Publications by Year in descending order

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164  
papers

6,267  
citations

50276

46  
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88630

70  
g-index

172  
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172  
docs citations

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times ranked

4712  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Click Chemistry Approach to Targeted DNA Crosslinking with <i>cis</i> -Platinum(II)-Modified Triplex-Forming Oligonucleotides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	16
2	Exploitation of Sulfated Glycosaminoglycan Status for Precision Medicine of Triplatin in Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 271-281.	4.1	9
3	Metalloglycomics of tris(2,2'-bipyridyl) cobalt and ruthenium compounds. <i>Journal of Inorganic Biochemistry</i> , 2022, 229, 111731.	3.5	1
4	Substitution-inert polynuclear platinum complexes and Glycosaminoglycans: A molecular dynamics study of its non-covalent interactions. <i>Journal of Inorganic Biochemistry</i> , 2022, 232, 111811.	3.5	1
5	Controlling Nuclease Degradation of Wireframe DNA Origami with Minor Groove Binders. <i>ACS Nano</i> , 2022, 16, 8954-8966.	14.6	22
6	Conformational Modulation of Iduronic Acid-Containing Sulfated Glycosaminoglycans by a Polynuclear Platinum Compound and Implications for Development of Antimetastatic Platinum Drugs. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3283-3289.	13.8	12
7	Conformational Modulation of Iduronic Acid-Containing Sulfated Glycosaminoglycans by a Polynuclear Platinum Compound and Implications for Development of Antimetastatic Platinum Drugs. <i>Angewandte Chemie</i> , 2021, 133, 3320-3326.	2.0	5
8	Platinum complexes act as shielding agents against virus infection. <i>Chemical Communications</i> , 2021, 57, 4666-4669.	4.1	14
9	On the Biology of Werner's Complex. <i>Angewandte Chemie</i> , 2021, 133, 17260-17267.	2.0	0
10	On the Biology of Werner's Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17123-17130.	13.8	5
11	Intramolecular platinum migration on a peptide in gas phase during collision-induced dissociation. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110858.	3.5	0
12	Substitution-Inert Polynuclear Platinum Complexes Inhibit Reverse Transcription Preferentially in RNA Triplex-Forming Templates. <i>Inorganic Chemistry</i> , 2020, 59, 15135-15143.	4.0	5
13	Modulation of relaxation activity of human topoisomerases by Pt(II)-based complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 211, 111178.	3.5	1
14	The leaving group in Au(I)-phosphine compounds dictates cytotoxic pathways in CEM leukemia cells and reactivity towards a Cys2His2 model zinc finger. <i>Dalton Transactions</i> , 2020, 49, 16319-16328.	3.3	1
15	Medicinal inorganic chemistry: New perspectives and targets for the periodic table. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 57-86.	1.0	7
16	Ru(II)-Naphthoquinone complexes with high selectivity for triple-negative breast cancer. <i>Dalton Transactions</i> , 2020, 49, 16193-16203.	3.3	22
17	Substitution-inert polynuclear platinum compounds inhibit human cytomegalovirus attachment and entry. <i>Antiviral Research</i> , 2020, 184, 104957.	4.1	14
18	Metal ions and the extracellular matrix in tumor migration. <i>FEBS Journal</i> , 2019, 286, 2950-2964.	4.7	32

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19	Molecular methods for assessment of non-covalent metallodrugâ€“DNA interactions. <i>Chemical Society Reviews</i> , 2019, 48, 971-988.	38.1	196
20	Biological relevance of interaction of platinum drugs with O-donor ligands. <i>Inorganica Chimica Acta</i> , 2019, 495, 118974.	2.4	7
21	TriplatinNC and Biomolecules: Building Models Based on Non-covalent Interactions. <i>Frontiers in Chemistry</i> , 2019, 7, 307.	3.6	13
22	Influence of geometric isomerism on the binding of platinum anticancer agents with phospholipids. <i>Dalton Transactions</i> , 2019, 48, 9791-9800.	3.3	5
23	Substitution-Inert Polynuclear Platinum Complexes with Dangling Amines: Condensation/Aggregation of Nucleic Acids and Inhibition of DNA-Related Enzymatic Activities. <i>Inorganic Chemistry</i> , 2019, 58, 6804-6810.	4.0	22
24	The facile and visualizable identification of broad-spectrum inhibitors of MDM2/p53 using co-expressed protein complexes. <i>Analyst, The</i> , 2019, 144, 3773-3781.	3.5	1
25	DNA binding, cytotoxic effects and probable targets of an oxindolimineâ€“vanadyl complex as an antitumor agent. <i>New Journal of Chemistry</i> , 2019, 43, 17831-17840.	2.8	6
26	Substitutionâ€“Inert Polynuclear Platinum Complexes Act as Potent Inducers of Condensation/Aggregation of Short Singleâ€“and Doubleâ€“Stranded DNA and RNA Oligonucleotides. <i>Chemistry - A European Journal</i> , 2019, 25, 2995-2999.	3.3	10
27	Glycans as Ligands in Bioinorganic Chemistry. Probing the Interaction of a Trinuclear Platinum Anticancer Complex with Defined Monosaccharide Fragments of Heparan Sulfate. <i>Inorganic Chemistry</i> , 2019, 58, 7146-7155.	4.0	14
28	Investigation of 1-Methylcytosine as a Ligand in Gold(III) Complexes: Synthesis and Protein Interactions. <i>Inorganics</i> , 2019, 7, 1.	2.7	21
29	Comparison of Metalâ€“Ammine Compounds Binding to DNA and Heparin. <i>Glycans as Ligands in Bioinorganic Chemistry. Inorganic Chemistry</i> , 2018, 57, 3116-3125.	4.0	22
30	Substitutionâ€“Inert Polynuclear Platinum Complexes as Metalloshielding Agents for Heparan Sulfate. <i>Chemistry - A European Journal</i> , 2018, 24, 6606-6616.	3.3	23
31	10. GALLIUM COMPLEXES AS ANTICANCER DRUGS. , 2018, 18, 281-302.		19
32	8. COORDINATION COMPLEXES OF TITANIUM(IV) FOR ANTICANCER THERAPY. , 2018, 18, 219-250.		22
33	Structural Factors Affecting Binding of Platinum Anticancer Agents with Phospholipids: Influence of Charge and Phosphate Clamp Formation. <i>Chemistry - A European Journal</i> , 2018, 24, 4643-4652.	3.3	4
34	Translesion DNA synthesis across double-base lesions derived from cross-links of an antitumor trinuclear platinum compound: primer extension, conformational and thermodynamic studies. <i>Metallomics</i> , 2018, 10, 132-144.	2.4	3
35	X-ray Absorption Spectroscopy Combined with Time-Dependent Density Functional Theory Elucidates Differential Substitution Pathways of Au(I) and Au(III) with Zinc Fingers. <i>Inorganic Chemistry</i> , 2018, 57, 218-230.	4.0	23
36	Goldâ€“Catalyzed Câ€“S Arylâ€“Group Transfer in Zinc Finger Proteins. <i>Angewandte Chemie</i> , 2018, 130, 9449-9453.	2.0	5

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37	Substitution-Insensitive Polynuclear Platinum Complexes That Inhibit the Activity of DNA Polymerase in Triplex-Forming Templates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8535-8539.	13.8	14
38	Substitution-Insensitive Polynuclear Platinum Complexes That Inhibit the Activity of DNA Polymerase in Triplex-Forming Templates. <i>Angewandte Chemie</i> , 2018, 130, 8671-8675.	2.0	4
39	Binding affinity studies of 1,2,3-triazole copper(II) complexes to human serum albumin. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1894-1909.	2.2	10
40	Gold-Catalyzed C-S Aryl Group Transfer in Zinc Finger Proteins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9305-9309.	13.8	30
41	Abstract 3941: Heparan sulfate, a new target for platinum in metastatic TNBC. <i>Cancer Research</i> , 2018, 78, 3941-3941.	0.9	1
42	Diversity in Gold Finger Structure Elucidated by Traveling-Wave Ion Mobility Mass Spectrometry. <i>Angewandte Chemie</i> , 2017, 129, 4535-4538.	2.0	8
43	Diversity in Gold Finger Structure Elucidated by Traveling-Wave Ion Mobility Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4464-4467.	13.8	21
44	Probing the HIV-1 NCp7 Nucleocapsid Protein with Site-Specific Gold(I)-Phosphine Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 12308-12318.	4.0	18
45	<sup>18</sup> F-Labeled Carboplatin Derivative for PET Imaging of Platinum Drug Distribution. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1997-2003.	5.0	7
46	Enhancement of the physicochemical properties of [Pt(dien)(nucleobase)] <sup>2+</sup> for HIVNCp7 targeting. <i>Chemical Science</i> , 2017, 8, 1269-1281.	7.4	15
47	Au(III) compounds as HIV nucleocapsid protein (NCp7) nucleic acid antagonists. <i>Chemical Communications</i> , 2017, 53, 91-94.	4.1	28
48	Antiangiogenic platinum through glycan targeting. <i>Chemical Science</i> , 2017, 8, 241-252.	7.4	35
49	Tuning the reactivity of Sp1 zinc fingers with platinum complexes. <i>Dalton Transactions</i> , 2016, 45, 8712-8716.	3.3	13
50	Inhibition of nuclear factor kappaB proteins-platinated DNA interactions correlates with cytotoxic effectiveness of the platinum complexes. <i>Scientific Reports</i> , 2016, 6, 28474.	3.3	5
51	Interaction of the HIV NCp7 Protein with Platinum(II) and Gold(III) Complexes Containing Tridentate Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 11396-11407.	4.0	13
52	The phosphate clamp as recognition motif in platinum-DNA interactions. <i>Inorganica Chimica Acta</i> , 2016, 452, 25-33.	2.4	27
53	Effects of coordination mode of 2-mercaptothiazoline on reactivity of Au(I) compounds with thiols and sulfur-containing proteins. <i>Journal of Inorganic Biochemistry</i> , 2016, 165, 136-145.	3.5	14
54	Suppression of RAF/MEK or PI3K synergizes cytotoxicity of receptor tyrosine kinase inhibitors in glioma tumor-initiating cells. <i>Journal of Translational Medicine</i> , 2016, 14, 46.	4.4	31

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55	[Au(dien)(N-heterocycle)] <sup>3+</sup> : Reactivity with Biomolecules and Zinc Finger Peptides. <i>Inorganic Chemistry</i> , 2015, 54, 79-86.	4.0	28
56	Reduced accumulation of platinum drugs is not observed in drug-resistant ovarian cancer cell lines derived from cisplatin-treated patients. <i>Journal of Inorganic Biochemistry</i> , 2015, 149, 45-48.	3.5	10
57	Multi-platinum anti-cancer agents. Substitution-inert compounds for tumor selectivity and new targets. <i>Chemical Society Reviews</i> , 2015, 44, 8773-8785.	38.1	174
58	Solution studies on DNA interactions of substitution-inert platinum complexes mediated via the phosphate clamp. <i>Dalton Transactions</i> , 2015, 44, 3563-3572.	3.3	24
59	The reaction of dichlorodiammineplatinum(II), [PtCl <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ], isomers with zinc fingers. <i>Journal of Inorganic Biochemistry</i> , 2015, 143, 117-122.	3.5	14
60	Nucleolar Targeting by Platinum: p53-Independent Apoptosis Follows rRNA Inhibition, Cell-Cycle Arrest, and DNA Compaction. <i>Molecular Pharmaceutics</i> , 2015, 12, 287-297.	4.6	34
61	Competitive formation of DNA linkage isomers by a trinuclear platinum complex and the influence of pre-association. <i>Dalton Transactions</i> , 2015, 44, 3583-3593.	3.3	8
62	Reaktitelbild: The Bioinorganic Chemistry of Apoptosis: Potential Inhibitory Zinc Binding Sites in Caspase-3 ( <i>Angew. Chem.</i> 16/2014). <i>Angewandte Chemie</i> , 2014, 126, 4336-4336.	2.0	0
63	Substitution-Inert Trinuclear Platinum Complexes Efficiently Condense/Aggregate Nucleic Acids and Inhibit Enzymatic Activity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12812-12816.	13.8	42
64	Substitution-Inert Trinuclear Platinum Complexes Efficiently Condense/Aggregate Nucleic Acids and Inhibit Enzymatic Activity. <i>Angewandte Chemie</i> , 2014, 126, 13026-13030.	2.0	11
65	The phosphate clamp: sequence selective nucleic acid binding profiles and conformational induction of endonuclease inhibition by cationic Triplatin complexes. <i>Nucleic Acids Research</i> , 2014, 42, 13474-13487.	14.5	41
66	Modulation of the stacking interaction of MN <sub>4</sub> (M=Pt, Pd, Au) complexes with tryptophan through N-heterocyclic ligands. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 2-5.	3.5	11
67	DNA Condensing Effects and Sequence Selectivity of DNA Binding of Antitumor Noncovalent Polynuclear Platinum Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 1662-1671.	4.0	62
68	The dynamics of zinc sites in proteins: electronic basis for coordination sphere expansion at structural sites. <i>Metallomics</i> , 2014, 6, 2230-2241.	2.4	28
69	A new approach to glycan targeting: enzyme inhibition by oligosaccharide metallos shielding. <i>Chemical Communications</i> , 2014, 50, 4056-4058.	4.1	27
70	Synthesis and Properties of the First [Au(dien)(N-heterocycle)] <sup>3+</sup> Compounds. <i>Inorganic Chemistry</i> , 2014, 53, 30-32.	4.0	10
71	Dinuclear Platinum Complexes Containing Planar Aromatic Ligands to Enhance Stacking Interactions with Proteins. <i>ChemMedChem</i> , 2014, 9, 1155-1160.	3.2	2
72	The Bioinorganic Chemistry of Apoptosis: Potential Inhibitory Zinc Binding Sites in Caspase-3. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4098-4101.	13.8	32

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73	Gold(I)-Phosphine-N-Heterocycles: Biological Activity and Specific (Ligand) Interactions on the C-Terminal HIVNCp7 Zinc Finger. <i>Inorganic Chemistry</i> , 2013, 52, 11280-11287.	4.0	50
74	Zinc finger peptide cleavage by a dinuclear platinum compound. <i>Chemical Communications</i> , 2013, 49, 6986.	4.1	4
75	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
76	Exploring the DNA binding/cleavage, cellular accumulation and topoisomerase inhibition of 2-hydroxy-3-(aminomethyl)-1,4-naphthoquinone Mannich bases and their platinum(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2013, 119, 54-64.	3.5	55
77	Competitive formation of both long-range 5'â€²â€²5'â€² and short-range antiparallel 3'â€²â€²3'â€² DNA interstrand cross-links by a trinuclear platinum complex on binding to a 10-mer duplex. <i>Dalton Transactions</i> , 2013, 42, 3181-3187.	3.3	9
78	Platinum-based drugs and proteins: Reactivity and relevance to DNA adduct formation. <i>Journal of Inorganic Biochemistry</i> , 2013, 122, 27-37.	3.5	46
79	Retained platinum uptake and indifference to p53 status make novel transplatinum agents active in platinum-resistant cells compared to cisplatin and oxaliplatin. <i>Cell Cycle</i> , 2012, 11, 963-973.	2.6	13
80	Platinumâ€² nucleobase PtN4 complexes as chemotypes for selective peptide reactions with biomolecules. <i>Inorganica Chimica Acta</i> , 2012, 393, 222-229.	2.4	10
81	Heparan Sulfate Proteoglycan-Mediated Entry Pathway for Charged Tri-Platinum Compounds: Differential Cellular Accumulation Mechanisms for Platinum. <i>Molecular Pharmaceutics</i> , 2012, 9, 1795-1802.	4.6	34
82	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
83	Platinated DNA Affects Zinc Finger Conformation. Interaction of a Platinated Single-Stranded Oligonucleotide and the C-Terminal Zinc Finger of Nucleocapsid Protein HIVNCp7. <i>Biochemistry</i> , 2012, 51, 1752-1761.	2.5	19
84	Platinum anticancer agents and antidepressants: desipramine enhances platinum-based cytotoxicity in human colon cancer cells. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 123-132.	2.6	17
85	Thermodynamic stability and energetics of DNA duplexes containing major intrastrand cross-links of second-generation antitumor dinuclear PtII complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 187-196.	2.6	7
86	Antitumor bifunctional dinuclear PtII complex BBR3535 forms interduplex DNA cross-links under molecular crowding conditions. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 239-245.	2.6	17
87	Solution studies of dinuclear polyamine-linked platinum-based antitumour complexes. <i>Dalton Transactions</i> , 2011, 40, 4147.	3.3	11
88	Modulation of drug activation profiles through carboxylate ligand modification in cytotoxic trans-platinum planar amine compounds. <i>Dalton Transactions</i> , 2011, 40, 10983.	3.3	16
89	Zinc finger proteins as templates for metal ion exchange and ligand reactivity. <i>Chemical and biological consequences</i> . <i>Metallomics</i> , 2011, 3, 121.	2.4	105
90	Interaction of arsenite with a zinc finger CCHC peptide: Evidence for formation of an Asâ€²Zn-peptide mixed complex. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1753-1758.	3.5	10

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91	DNA Interstrand Cross-Links of an Antitumor Trinuclear Platinum(II) Complex: Thermodynamic Analysis and Chemical Probing. Chemistry - an Asian Journal, 2011, 6, 1566-1574.	3.3	12
92	Effects of Noncovalent Platinum Drug-Protein Interactions on Drug Efficacy: Use of Fluorescent Conjugates as Probes for Drug Metabolism. Molecular Pharmaceutics, 2011, 8, 940-948.	4.6	55
93	DNA Reactivity Profile of <i>trans</i> -Platinum Planar Amine Derivatives. ChemMedChem, 2011, 6, 1283-1290.	3.2	15
94	Combined action of the dinuclear platinum compound BBR3610 with the PI3K inhibitor PX866 in glioblastoma. International Journal of Cancer, 2011, 128, 787-796.	5.1	21
95	Platinum Formulations as Anticancer Drugs Clinical and Pre-Clinical Studies. Current Topics in Medicinal Chemistry, 2011, 11, 2623-2631.	2.1	67
96	The phosphate clamp: a small and independent motif for nucleic acid backbone recognition. Nucleic Acids Research, 2011, 39, 325-336.	14.5	61
97	Conformation and recognition of DNA modified by a new antitumor dinuclear Pt(II) complex resistant to decomposition by sulfur nucleophiles. Biochemical Pharmacology, 2010, 79, 112-121.	4.4	33
98	The polynuclear platinum BBR3610 induces G2/M arrest and autophagy early and apoptosis late in glioma cells. Neuro-Oncology, 2010, 12, 1269-1277.	1.2	22
99	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. Inorganic Chemistry, 2010, 49, 10815-10819.	4.0	17
100	Excursions in polynuclear platinum DNA binding. Chemical Communications, 2010, 46, 6640.	4.1	106
101	Factors Affecting DNA-DNA Interstrand Cross-Links in the Antiparallel 3'→5' Sense: A Comparison with the 5'→3' Directional Isomer. Chemistry - A European Journal, 2009, 15, 9365-9374.	3.3	31
102	Towards Antitumor Active <i>trans</i> -Platinum Compounds. European Journal of Inorganic Chemistry, 2009, 2009, 1293-1302.	2.0	142
103	Structural consequences of a 3'→5' DNA interstrand cross-link by a trinuclear platinum complex: unique formation of two such cross-links in a 10-mer duplex. Journal of Biological Inorganic Chemistry, 2009, 14, 969-977.	2.6	14
104	Modulation of transplanaramine platinum complex reactivity by systematic modification of carrier and leaving groups. Inorganica Chimica Acta, 2009, 362, 929-934.	2.4	15
105	Zinc finger proteins as templates for metal ion exchange: Substitution effects on the C-finger of HIV nucleocapsid NCp7 using M(chelate) species (M = Pt, Pd, Au). Journal of Inorganic Biochemistry, 2009, 103, 1347-1354.	3.5	60
106	Reactions of palladium and gold complexes with zinc-thiolate chelates using electrospray mass		



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109	Interaction of trivalent antimony with a CCHC zinc finger domain: potential relevance to the mechanism of action of antimonial drugs. <i>Chemical Communications</i> , 2008, , 4828.	4.1	42
110	Amide-Based Prodrugs of Spermidine-Bridged Dinuclear Platinum. Synthesis, DNA Binding, and Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2254-2260.	6.4	37
111	Thiolate Bridging and Metal Exchange in Adducts of a Zinc Finger Model and PtII Complexes: Biomimetic Studies of Protein/Pt/DNA Interactions. <i>Journal of the American Chemical Society</i> , 2008, 130, 6272-6280.	13.7	53
112	Comparison of cis and trans-Platinum Mononucleobase Compounds with DNA and Protein Models. <i>Australian Journal of Chemistry</i> , 2008, 61, 694.	0.9	5
113	Low-Dose BBR3610 Toxicity in Colon Cancer Cells Is p53-Independent and Enhanced by Inhibition of Epidermal Growth Factor Receptor (ERBB1)-Phosphatidylinositol 3 Kinase Signaling. <i>Molecular Pharmacology</i> , 2007, 72, 704-714.	2.3	32
114	Pre-association of polynuclear platinum anticancer agents on a protein, human serum albumin. Implications for drug design. <i>Dalton Transactions</i> , 2007, , 4938.	3.3	37
115	Dinuclear Platinum Complexes with Biological Relevance Based on the 1,2-Diaminocyclohexane Carrier Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 5820-5822.	4.0	34
116	Differences in the cellular response and signaling pathways of cisplatin and BBR3464 ( $[\{\text{trans-PtCl}(\text{NH}_3)_2\}_2\frac{1}{4}\text{-}(\text{trans-Pt}(\text{NH}_3)_2(\text{H}_2\text{N}(\text{CH}_2)_6\text{-NH}_2)_2\}]_4^+$ ) influenced by copper homeostasis. <i>Biochemical Pharmacology</i> , 2007, 73, 1270-1279.	4.4	37
117	Promotion of DNA strand breaks, interstrand cross-links and apoptotic cell death in A2780 human ovarian cancer cells by transplatinum planar amine complexes. <i>Biochemical Pharmacology</i> , 2007, 73, 1749-1757.	4.4	22
118	A Third Mode of DNA Binding: Phosphate Clamps by a Polynuclear Platinum Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 16092-16103.	13.7	166
119	Mechanism of the Membrane Interaction of Polynuclear Platinum Anticancer Agents. Implications for Cellular Uptake. <i>Biochemistry</i> , 2006, 45, 4248-4256.	2.5	50
120	Covalent and Noncovalent Interactions for $[\text{Metal}(\text{dien})\text{nucleobase}]_2^+$ Complexes with Tryptophan Derivatives: Formation of Palladium-Tryptophan Species by Nucleobase Substitution under Biologically Relevant Conditions. <i>Inorganic Chemistry</i> , 2006, 45, 1638-1645.	4.0	39
121	Structure-Activity Relationships Within Di- and Trinuclear Platinum Phase-I Clinical Anticancer Agents. , 2006, , 477-496.		8
122	Targeting Retroviral Zn Finger-DNA Interactions: A Small-Molecule Approach Using the Electrophilic Nature of trans-Platinum-Nucleobase Compounds. <i>Chemistry and Biology</i> , 2006, 13, 539-548.	6.0	62
123	Biological Consequences of Trinuclear Platinum Complexes: Comparison of $[\{\text{trans-PtCl}(\text{NH}_3)_2\}_2\frac{1}{4}\text{-}(\text{trans-Pt}(\text{NH}_3)_2(\text{H}_2\text{N}(\text{CH}_2)_6\text{-NH}_2)_2\}]_4^+$ (BBR 3464) with Its Noncovalent Congeners. <i>Molecular Pharmacology</i> , 2006, 69, 666-672.	2.3	56
124	Polynuclear platinum anticancer drugs are more potent than cisplatin and induce cell cycle arrest in glioma1. <i>Neuro-Oncology</i> , 2006, 8, 215-226.	1.2	82
125	Effects of geometric isomerism in dinuclear platinum antitumor complexes on aquation reactions in the presence of perchlorate, acetate and phosphate. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 652-666.	2.6	34
126	Conformation, protein recognition and repair of DNA interstrand and intrastrand cross-links of Antitumor trans- $[\text{PtCl}_2(\text{NH}_3)(\text{thiazole})]$ . <i>Nucleic Acids Research</i> , 2005, 33, 5819-5828.	14.5	45



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127	Synthesis, Characterization, and Cytotoxicity of a Novel Highly Charged Trinuclear Platinum Compound. Enhancement of Cellular Uptake with Charge. <i>Inorganic Chemistry</i> , 2005, 44, 9598-9600.	4.0	128
128	Platination of Nucleobases To Enhance Noncovalent Recognition in Protein-DNA/RNA Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 483-485.	4.0	19
129	Platinum Anticancer Drugs: From Laboratory to Clinic. <i>ACS Symposium Series</i> , 2005, , 62-79.	0.5	1
130	Preclinical perspectives on the use of platinum compounds in cancer chemotherapy. <i>Seminars in Oncology</i> , 2004, 31, 1-9.	2.2	30
131	Cytotoxicity, DNA strand breakage and DNA-protein crosslinking by a novel transplatinum compound in human A2780 ovarian and MCF-7 breast carcinoma cells. <i>Biochemical Pharmacology</i> , 2004, 68, 857-866.	4.4	57
132	Synthesis and DNA conformational changes of non-covalent polynuclear platinum complexes. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1591-1598.	3.5	48
133	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
134	Polynuclear platinum drugs. <i>Metal Ions in Biological Systems</i> , 2004, 42, 251-96.	0.4	30
135	Cooperative effects in long-range 1,4 DNA-DNA interstrand cross-links formed by polynuclear platinum complexes: an unexpected syn orientation of adenine bases outside the binding sites. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 19-28.	2.6	59
136	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 <sup>1</sup> H, <sup>15</sup> N HSQC NMR spectra of the final products from reactions of 1 with the single strand (I) (before and after addition of the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.1	9
137	Chemical Communications, 2003, , 122-123. DNA Interstrand Cross-links of the Novel Antitumor Trinuclear Platinum Complex BBR3464. <i>Journal of Biological Chemistry</i> , 2002, 277, 48076-48086.	3.4	140
138	Kinetic and Equilibria Studies of the Aquation of the Trinuclear Platinum Phase II Anticancer Agent [{trans-PtCl(NH <sub>3</sub> ) <sub>2</sub> }] <sub>2</sub> [1/4-trans-Pt(NH <sub>3</sub> ) <sub>2</sub> (NH <sub>2</sub> (CH <sub>2</sub> ) <sub>6</sub> NH <sub>2</sub> ) <sub>2</sub> ] <sub>4</sub> <sup>+</sup> (BBR3464). <i>Inorganic Chemistry</i> , 2002, 41, 1101-1109.	4.0	74
139	A comparison of DNA binding profiles of dinuclear platinum compounds with polyamine linkers and the trinuclear platinum phase II clinical agent BBR3464. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 397-404.	2.6	53
140	Approaches to Selective DNA Binding in Polyfunctional Dinuclear Platinum Chemistry. The Synthesis of a Trifunctional Compound and Its Interaction with the Mononucleotide 5'-Guanosine Monophosphate. <i>Inorganic Chemistry</i> , 2001, 40, 6324-6327.	4.0	22
141	Conformation, Recognition by High Mobility Group Domain Proteins, and Nucleotide Excision Repair of DNA Intrastrand Cross-links of Novel Antitumor Trinuclear Platinum Complex BBR3464. <i>Journal of Biological Chemistry</i> , 2001, 276, 22191-22199.	3.4	74
142	Thermodynamic properties of duplex DNA containing a site-specific d(GpG) intrastrand crosslink formed by an antitumor dinuclear platinum complex. <i>Nucleic Acids Research</i> , 2001, 29, 2034-2040.	14.5	31
143	Kinetics and mechanism for reduction of anticancer-active tetrachloroam(m)ine platinum(IV) compounds by glutathione. <i>Journal of Biological Inorganic Chemistry</i> , 2000, 5, 300-306.	2.6	67
144	Steric control of DNA interstrand cross-link sites of trans platinum complexes: specificity can be dictated by planar nonleaving groups. <i>Journal of Biological Inorganic Chemistry</i> , 2000, 5, 364-368.	2.6	56

#	ARTICLE	IF	CITATIONS
145	Equilibrium and Kinetic Studies of the Aquation of the Dinuclear Platinum Complex $[\{\text{trans-PtCl}(\text{NH}_3)_2\}_2(\frac{1}{4}\text{-NH}_2(\text{CH}_2)_6\text{NH}_2)]^{2+}$ : pKa Determinations of Aqua Ligands via $[\text{1H}, \text{15N}]$ NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2000, 39, 1710-1715.	4.0	64
146	Inversion of the Cis Geometry Requirement for Cytotoxicity in Structurally Novel Platinum(II) Complexes Containing the Bidentate N,O-Donor Pyridin-2-yl-acetate. <i>Inorganic Chemistry</i> , 2000, 39, 1882-1890.	4.0	44
147	Cellular pharmacology of polynuclear platinum anti-cancer agents. <i>Journal of Inorganic Biochemistry</i> , 1999, 77, 51-57.	3.5	101
148	Consequences of Nucleic Acid Conformation on the Binding of a Trinuclear Platinum Drug. <i>Biochemistry</i> , 1999, 38, 14731-14737.	2.5	67
149	Effect of Geometric Isomerism in Dinuclear Platinum Antitumor Complexes on DNA Interstrand Cross-Linking. <i>Biochemistry</i> , 1999, 38, 10997-11005.	2.5	74
150	DNA Modifications by a Novel Bifunctional Trinuclear Platinum Phase I Anticancer Agent. <i>Biochemistry</i> , 1999, 38, 6781-6790.	2.5	219
151	DNA interactions of antitumor trans- $[\text{PtCl}_2(\text{NH}_3)(\text{quinoline})]$ . <i>FEBS Journal</i> , 1998, 254, 547-557.	0.2	80
152	Investigation of the trans effect in the fragmentation of dinuclear platinum complexes by electrospray ionization surface-induced dissociation tandem mass spectrometry. , 1998, 33, 436-443.		17
153	Modification of Platinum(II) Antitumor Complexes with Sulfur Ligands. 1. Synthesis, Structure, and Spectroscopic Properties of Cationic Complexes of the Types $[\text{PtCl}(\text{diamine})(\text{L})]\text{NO}_3$ and $[\{\text{PtCl}(\text{diamine})\}_2(\text{L-L})](\text{NO}_3)_2$ (L = Monofunctional Thiourea Derivative; L-L = Bifunctional Thiourea) <i>TJ ETQq1 1 0.784314 rgBT /Overl</i>	1.0	77
154	Applications of Inorganic Chemistry in Biology: An Interdisciplinary Graduate Course. <i>Journal of Chemical Education</i> , 1998, 75, 739.	2.3	0
155	DNA Interactions of Bifunctional Dinuclear Platinum(II) Antitumor Agents. <i>FEBS Journal</i> , 1997, 246, 508-517.	0.2	94
156	A novel DNA structure induced by the anticancer bisplatinum compound crosslinked to a GpC site in DNA. <i>Nature Structural Biology</i> , 1995, 2, 577-586.	9.7	56
157	DNA Binding and Chemistry of Dinuclear Platinum Complexes. <i>Comments on Inorganic Chemistry</i> , 1995, 16, 373-389.	5.2	92
158	Anticancer activity in murine and human tumor cell lines of bis(platinum) complexes incorporating straight-chain aliphatic diamine linker groups. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 4526-4532.	6.4	65
159	A comparison of chemical reactivity, cytotoxicity, interstrand crosslinking and DNA sequence specificity of bis(platinum) complexes containing monodentate or bidentate coordination spheres with their monomeric analogs. <i>Biochemistry</i> , 1990, 29, 9522-9531.	2.5	175
160	Interaction of novel bis(platinum) complexes with DNA. <i>Nucleic Acids Research</i> , 1989, 17, 9719-9733.	14.5	77
161	Bis(platinum) complexes containing two platinum cis-diammine units. Synthesis and initial DNA-binding studies. <i>Journal of the American Chemical Society</i> , 1988, 110, 5018-5019.	13.7	92
162	Progress in Dioxygen Complexes of Metalloporphyrins. , 1979, , 751-772.		8

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163	Synthesis, properties, and x-ray structural characterization of the hexakis(dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 T	4.0	56
164	Antitumor substitution-inert polynuclear platinum complexes stabilize G-quadruplex DNA and suppress G-quadruplex-mediated gene expression. Inorganic Chemistry Frontiers, 0, , .	6.0	2