

Giovanni Natile

List of Publications by Year in descending order

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306
papers

10,005
citations

38742

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64796

79
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all docs

323
docs citations

323
times ranked

7902
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Hydrophobic Nanocrystals Coated with an Amphiphilic Polymer Shell: A General Route to Water Soluble Nanocrystals. <i>Nano Letters</i> , 2004, 4, 703-707. | 9.1 | 1,003 |
| 2 | Mechanistic insight into the cellular uptake and processing of cisplatin 30 years after its approval by FDA. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2070-2081. | 18.8 | 251 |
| 3 | A trans-platinum complex showing higher antitumor activity than the cis congeners. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 510-512. | 6.4 | 197 |
| 4 | Current status of trans-platinum compounds in cancer therapy. <i>Coordination Chemistry Reviews</i> , 2001, 216-217, 383-410. | 18.8 | 192 |
| 5 | Trans-Platinum Complexes in Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007, 7, 111-123. | 1.7 | 175 |
| 6 | Five-coordinate alkene complexes of palladium(II) and platinum(II). <i>Coordination Chemistry Reviews</i> , 1994, 133, 67-114. | 18.8 | 125 |
| 7 | Probing the Interaction of Cisplatin with the Human Copper Chaperone Atox1 by Solution and In-Cell NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2011, 133, 18361-18369. | 13.7 | 114 |
| 8 | Mechanistic and Stereochemical Investigation of Imino Ethers Formed by Alcoholysis of Coordinated Nitriles: X-ray Crystal Structures of cis- and trans-Bis(1-imino-1-methoxyethane)dichloroplatinum(II). <i>Inorganic Chemistry</i> , 1995, 34, 1130-1137. | 4.0 | 106 |
| 9 | DNA-protein cross-linking by trans-[PtCl ₂ (E-iminoether) ₂]. A concept for activation of the trans geometry in platinum antitumor complexes. <i>Nucleic Acids Research</i> , 2003, 31, 6450-6460. | 14.5 | 94 |
| 10 | Reaction of Zn ⁷⁺ Metallothionein with cis- and trans-[Pt(N-donor) ₂ Cl ₂] Anticancer Complexes: trans-Pt(II) Complexes Retain Their N-Donor Ligands. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 4075-4086. | 6.4 | 91 |
| 11 | Interaction between Platinum Complexes and a Methionine Motif Found in Copper Transport Proteins. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9062-9064. | 13.8 | 91 |
| 12 | Platinum amides from platinum nitriles: x-ray crystal structures of the unbridged dinuclear compounds bis[bis(1-imino-1-hydroxy-2,2-dimethylpropane)dichloroplatinum(II)] and bis[bis(1-imino-1-hydroxy-2,2-dimethylpropane)(1-amino-1-oxo-2,2-dimethylpropane)dichloroplatinum(II)]. <i>Journal of the American Chemical Society</i> , 1993, 115, 5123-5131. | 13.7 | 88 |
| 13 | Smart delivery of antitumoral platinum complexes from biomimetic hydroxyapatite nanocrystals. <i>Journal of Materials Chemistry</i> , 2009, 19, 8385. | 6.7 | 84 |
| 14 | Four-versus five-co-ordination in palladium(II) and platinum(II) complexes containing 2,9-dimethyl-1,10-phenanthroline (dmphen). Crystal structures of [PtCl ₂ (dmphen)] and [Pt(1-2-C ₂ H ₄)Cl ₂ (dmphen)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1007-1015. | 1.1 | 81 |
| 15 | Platinum(II) complexes containing iminoethers: a trans platinum antitumour agent. <i>Chemico-Biological Interactions</i> , 1995, 98, 251-266. | 4.0 | 79 |
| 16 | Translocation of Platinum Anticancer Drugs by Human Copper ATPases ATP7A and ATP7B. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1297-1301. | 13.8 | 79 |
| 17 | Steric Crowding and Redox Reactivity in Platinum(II) and Platinum(IV) Complexes Containing Substituted 1,10-Phenanthrolines. <i>Inorganic Chemistry</i> , 1996, 35, 3173-3182. | 4.0 | 78 |
| 18 | New Concepts Relevant to Cisplatin Anticancer Activity from Unique Spectral Features Providing Evidence That Adjacent Guanines in d(GpG), Intrastrand-Cross-Linked at N7 by acis-Platinum(II) Moiety, Can Adopt a Head-to-Tail Arrangement. <i>Journal of the American Chemical Society</i> , 1999, 121, 9133-9142. | 13.7 | 76 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Unique Properties of DNA Interstrand Cross-Links of Antitumor Oxaliplatin and the Effect of Chirality of the Carrier Ligand. <i>Chemistry - A European Journal</i> , 2008, 14, 1330-1341. | 3.3 | 76 |
| 20 | High resolution proton MR spectroscopy of cerebrospinal fluid in MS patients. Comparison with biochemical changes in demyelinating plaques. <i>Journal of the Neurological Sciences</i> , 1996, 144, 182-190. | 0.6 | 73 |
| 21 | Nucleophilic attack of amine and hydroxide to platinum dibenzonitrile dichloride. Crystal structure of [Pt(NH:CPhN-tert-BuCH ₂ CH ₂ NH-tert-Bu)Cl(NHCOPh)] and 108. 1180-1185. | 13.7 | 72 |
| 22 | Five-coordination in platinum(II) species: when and why. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 333. | 2.0 | 72 |
| 23 | Isolation, characterization, and kinetics of formation of the cis and trans isomers of bis(acetonitrile)dichloroplatinum(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 199. | 1.1 | 70 |
| 24 | C ₆₀ @Lysozyme: Direct Observation by Nuclear Magnetic Resonance of a 1:1 Fullerene Protein Adduct. <i>ACS Nano</i> , 2014, 8, 1871-1877. | 14.6 | 70 |
| 25 | Nanocrystalline carbonate-apatites: role of Ca/P ratio on the uptake and release of anticancer platinum bisphosphonates. <i>Nanoscale</i> , 2012, 4, 206-217. | 5.6 | 68 |
| 26 | Synthesis and X-ray Structural Characterization of Two Unbridged Diplatinum(III) Compounds: <i>cis</i> - and <i>trans</i> -Bis[bis(1-imino-1-methoxyethane)trichloroplatinum(III)]. Transient Species in the Oxidation of Platinum(II) to Platinum(IV). <i>Journal of the American Chemical Society</i> , 1997, 119, 10370-10376. | 13.7 | 66 |
| 27 | Atropisomerization of <i>cis</i> -bis(5'-GMP)-Platinum(II)-Diamine Complexes with Non-C ₂ -Symmetrical Asymmetric Diamine Ligands Containing NH Groups Directed to One Side of the Coordination Plane. <i>Inorganic Chemistry</i> , 1994, 33, 4149-4158. | 4.0 | 65 |
| 28 | Revisiting [PtCl ₂ (<i>cis</i> -1,4-DACH)]: An Underestimated Antitumor Drug with Potential Application to the Treatment of Oxaliplatin-Refractory Colorectal Cancer. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7182-7192. | 6.4 | 65 |
| 29 | Platinum(II) Complexes with Monocoordinated 2,9-Dimethyl-1,10-phenanthroline and Phosphine Ligands. Exchange of the Donor Nitrogen and Rotation about the Pt-P and P-C Bonds Studied by NMR Spectroscopy: Arene Stacking as an Intramolecular Brake. <i>Inorganic Chemistry</i> , 1994, 33, 3331-3339. | 4.0 | 64 |
| 30 | Conformation of DNA GG Intrastrand Cross-Link of Antitumor Oxaliplatin and Its Enantiomeric Analog. <i>Biophysical Journal</i> , 2007, 93, 3950-3962. | 0.5 | 64 |
| 31 | Platinum(II) Complexes with Bioactive Carrier Ligands Having High Affinity for the Translocator Protein. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5144-5154. | 6.4 | 64 |
| 32 | Dependence of the Reduction Products of Platinum(IV) Prodrugs upon the Configuration of the Substrate, Bulk of the Carrier Ligands, and Nature of the Reducing Agent. <i>Inorganic Chemistry</i> , 2012, 51, 9694-9704. | 4.0 | 64 |
| 33 | Stereochemically controlled ligands influence atropisomerization of platinum(II) nucleotide complexes. Evidence for head-to-head and stable Λ -head-to-tail atropisomers. <i>Journal of the American Chemical Society</i> , 1990, 112, 8177-8179. | 13.7 | 63 |
| 34 | Non-covalent interactions in adducts of platinum drugs with nucleobases in nucleotides and DNA as revealed by using chiral substrates. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1315-1331. | 18.8 | 63 |
| 35 | An Updated View of Cisplatin Transport. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2701-2711. | 2.0 | 63 |
| 36 | A Novel Head-to-Head Conformer of d(GpG) Cross-linked by Pt: A New Light on the Conformation of Such Cross-links Formed by Pt Anticancer Drugs. <i>Journal of the American Chemical Society</i> , 1998, 120, 12017-12022. | 13.7 | 59 |

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|----|--|------|-----------|
| 37 | DNA Interactions of Antitumor Cisplatin Analogs Containing Enantiomeric Amine Ligands. <i>Biophysical Journal</i> , 2000, 78, 2008-2021. | 0.5 | 59 |
| 38 | "Platinum on the road": Interactions of antitumoral cisplatin with proteins. <i>Pure and Applied Chemistry</i> , 2008, 80, 2715-2725. | 1.9 | 59 |
| 39 | Synthesis and x-ray structural characterization of the first unbridged diplatinum(III) compound: bis[bis(1-imino-1-hydroxy-2,2-dimethylpropane)trichloroplatinum(III)]. <i>Journal of the American Chemical Society</i> , 1991, 113, 7805-7806. | 13.7 | 58 |
| 40 | Viewing Early Stages of Guanine Nucleotide Attack on Pt(II) Complexes Designed with In-Plane Bulk to Trap Initial Adducts. Relevance to cis-Type Pt(II) Anticancer Drugs. <i>Journal of the American Chemical Society</i> , 1997, 119, 8570-8571. | 13.7 | 58 |
| 41 | Retro Models of Pt Anticancer Drug DNA Adducts: Chirality-Controlling Chelate Ligand Restriction of Guanine Dynamic Motion in (2,2'-Bipiperidine)PtG ₂ Complexes (G = Guanine Derivative). <i>Inorganic Chemistry</i> , 1999, 38, 2989-2999. | 4.0 | 58 |
| 42 | Recognition of Major DNA Adducts of Enantiomeric Cisplatin Analogs by HMG Box Proteins and Nucleotide Excision Repair of These Adducts. <i>Chemistry and Biology</i> , 2002, 9, 629-638. | 6.0 | 58 |
| 43 | Replacement of an NH ₃ by an Iminoether in Transplatin Makes an Antitumor Drug from an Inactive Compound. <i>Molecular Pharmacology</i> , 2000, 58, 1525-1535. | 2.3 | 57 |
| 44 | Chiral discrimination in platinum anticancer drugs. <i>Environmental Health Perspectives</i> , 2002, 110, 779-782. | 6.0 | 56 |
| 45 | DNA Modifications by Antitumor <i>trans</i> -[PtCl ₂ (E-Iminoether) ₂]. <i>Molecular Pharmacology</i> , 1997, 52, 354-361. | 2.3 | 55 |
| 46 | Chirality-Controlling Chelate (CCC) Ligands in Analogues of Platinum Anticancer Agents. Influence of N9 Substituents of Guanine Derivatives (G) on the Distribution of Chiral Conformers of (CCC)PtG ₂ with CCC = N,N-Dimethyl-2,3-diaminobutane. <i>Inorganic Chemistry</i> , 1998, 37, 6898-6905. | 4.0 | 54 |
| 47 | In vitro and in vivo antitumor activity and cellular pharmacological properties of new platinum-iminoether complexes with different configuration at the iminoether ligands. <i>Journal of Inorganic Biochemistry</i> , 1999, 77, 31-35. | 3.5 | 53 |
| 48 | Direct Addition of Alcohols to Organonitriles Activated by Ligation to a Platinum(IV) Center. <i>Inorganic Chemistry</i> , 2002, 41, 2041-2053. | 4.0 | 53 |
| 49 | AsCo ₃ (CO) ₉ , its cyclic trimer, As ₃ Co ₉ (CO) ₂₄ and the phosphorus-containing analog P ₃ Co ₉ (CO) ₂₄ . <i>Journal of Organometallic Chemistry</i> , 1976, 107, 235-240. | 1.8 | 52 |
| 50 | Intercalation of Proflavine and a Platinum Derivative of Proflavine into Double-Helical Poly(A). <i>Biophysical Journal</i> , 1999, 77, 2717-2724. | 0.5 | 52 |
| 51 | Insights into the Molecular Mechanisms of Protein Platination from a Case Study: The Reaction of Anticancer Platinum(II) Iminoethers with Horse Heart Cytochrome c. <i>Biochemistry</i> , 2007, 46, 12220-12230. | 2.5 | 51 |
| 52 | Molecular Aspects of Antitumor Effects of a New Platinum(IV) Drug. <i>Molecular Pharmacology</i> , 2006, 70, 1708-1719. | 2.3 | 50 |
| 53 | Methionine Can Favor DNA Platination by <i>trans</i> -Coordinated Platinum Antitumor Drugs. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8497-8500. | 13.8 | 50 |
| 54 | Novel Antitumor Cisplatin and Transplatin Derivatives Containing 1-Methyl-7-Azaindole: Synthesis, Characterization, and Cellular Responses. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 847-859. | 6.4 | 50 |

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|----|---|------|-----------|
| 55 | Effect of chirality in platinum drugs. <i>Coordination Chemistry Reviews</i> , 2015, 284, 286-297. | 18.8 | 50 |
| 56 | Nucleophilic attack of methanol on bis(benzonitrile)dichloroplatinum: formation of mono- and bis-imido ester derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 947. | 1.1 | 49 |
| 57 | Bisphosphonate complexation and calcium doping in silica xerogels as a combined strategy for local and controlled release of active platinum antitumor compounds. <i>Dalton Transactions</i> , 2007, , 3131. | 3.3 | 48 |
| 58 | Cytotoxicity, cellular uptake, glutathione and DNA interactions of an antitumor large-ring Pt(II) chelate complex incorporating the cis-1,4-diaminocyclohexane carrier ligand. <i>Biochemical Pharmacology</i> , 2010, 79, 552-564. | 4.4 | 48 |
| 59 | Comparison of structure and reactivity of bis(2-aminoethyl)amine- and bis(2-aminoethyl)amido-chlorogold(III) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1980, , 220. | 1.1 | 47 |
| 60 | Platinum Complexes Can Inhibit Matrix Metalloproteinase Activity: Diethyl[(methylsulfinyl)methyl]phosphonate Complexes as Inhibitors of Matrix Metalloproteinases 2, 3, 9, and 12. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3434-3441. | 6.4 | 47 |
| 61 | Conformer Distribution in (<i>cis</i> -1,4-DACH)bis(guanosine-5'-phosphate)platinum(II) Adducts: A Reliable Model for DNA Adducts of Antitumoral Cisplatin. <i>Inorganic Chemistry</i> , 2008, 47, 2820-2830. | 4.0 | 46 |
| 62 | Copper-Triggered Aggregation of Ubiquitin. <i>PLoS ONE</i> , 2009, 4, e7052. | 2.5 | 46 |
| 63 | Reversible addition of protic molecules to co-ordinated di-2-pyridyl ketone in palladium(II), platinum(II), and gold(III) complexes. X-Ray crystal structures of dichloro(dihydroxy-di-2-pyridylmethane)palladium(II) and dichloro(dihydroxy-di-2-pyridylmethane)gold(III) chloride. <i>Journal of the Chemical Society Dalton Transactions</i> , 1981, , 2280. | 1.1 | 45 |
| 64 | Five-Coordination in Platinum(II) and Palladium(II) Chemistry. <i>Comments on Inorganic Chemistry</i> , 1993, 14, 349-366. | 5.2 | 45 |
| 65 | Formation of Adenine ^{N3} /Guanine ^{N7} Cross-Link in the Reaction of trans-Oriented Platinum Substrates with Dinucleotides. <i>Journal of the American Chemical Society</i> , 2002, 124, 12854-12862. | 13.7 | 45 |
| 66 | Cellular trafficking, accumulation and DNA platination of a series of cisplatin-based dicarboxylato Pt(IV) prodrugs. <i>Journal of Inorganic Biochemistry</i> , 2015, 150, 1-8. | 3.5 | 44 |
| 67 | Novel Antitumor Platinum(II) Conjugates Containing the Nonsteroidal Anti-inflammatory Agent Diclofenac: Synthesis and Dual Mechanisms of Antiproliferative Effects. <i>Inorganic Chemistry</i> , 2017, 56, 1483-1497. | 4.0 | 44 |
| 68 | Steric constraints and addition reactions in platinum(II) complexes containing 2,9-dimethyl-1,10-phenanthroline (Me ₂ -phen). X-ray crystal structures of [PtBr ₂ (Me ₂ -phen)] and [PtI ₂ (Me ₂ -phen)]. <i>Inorganica Chimica Acta</i> , 1995, 235, 205-213. | 2.4 | 43 |
| 69 | Reaction between cyanate ion and ethylene coordinated to platinum: a new route to carbamoyl complexes. <i>Journal of the American Chemical Society</i> , 1982, 104, 7661-7662. | 13.7 | 42 |
| 70 | Stereospecific oxidation of methionine to methionine sulphoxide by tetrachloroauric(III) acid. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 878. | 2.0 | 41 |
| 71 | Synthesis and in Vitro Antitumor Activity of Platinum Acetonimine Complexes. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 829-837. | 6.4 | 41 |
| 72 | Synthesis and Characterization of a Platinum(II) Complex Tethered to a Ligand of the Peripheral Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1019-1027. | 6.4 | 40 |

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|----|--|------|-----------|
| 73 | Cytotoxicity, mutagenicity, cellular uptake, DNA and glutathione interactions of lipophilic trans-platinum complexes tethered to 1-adamantylamine. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1077-1089. | 3.5 | 40 |
| 74 | Synthesis and structural characterization of platinum(II)-acyclovir complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1447-1452. | 1.1 | 39 |
| 75 | Interference between copper transport systems and platinum drugs. <i>Seminars in Cancer Biology</i> , 2021, 76, 173-188. | 9.6 | 38 |
| 76 | New Steric Hindrance Approach Employing the Hybrid Ligand 2-Aminomethylpiperidine for Diminishing Dynamic Motion Problems of Platinum Anticancer Drug Adducts Containing Guanine Derivatives. <i>Inorganic Chemistry</i> , 1999, 38, 777-787. | 4.0 | 37 |
| 77 | Platinum(II) Complexes with Antitumoral/Antiviral Aromatic Heterocycles: A Effect of Glutathione upon in Vitro Cell Growth Inhibition. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3364-3371. | 6.4 | 37 |
| 78 | Rapid inversion versus stable chiral center formation. Different behavior of coordinated nitrogens in four- and five-coordinate platinum(II) complexes with N,N'-disubstituted ethylenediamines. <i>Inorganic Chemistry</i> , 1988, 27, 2422-2431. | 4.0 | 36 |
| 79 | Effects of Six-Membered-Ring Conformation on the Rotamer Distribution and Rate of Atropisomerization in Platinum(II) Guanine Compounds: A 2,4-Bis(methylamino)pentane Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 5260-5268. | 4.0 | 36 |
| 80 | Platinum complexes with imino ethers or cyclic ligands mimicking imino ethers: synthesis, in vitro antitumour activity, and DNA interaction properties. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 768-780. | 2.6 | 36 |
| 81 | Influence of steric and electronic factors in the stabilization of five-coordinate ethylene complexes of platinum(II): X-ray crystal structure of [PtCl ₂ (2,9-dimethyl-1,10-phenanthroline-5,6-dione)]. <i>Inorganica Chimica Acta</i> , 2004, 357, 149-158. | 2.4 | 36 |
| 82 | Sterically hindered complexes of platinum(II) with planar heterocyclic nitrogen donors. A novel complex with 1-methyl-cytosine has a spectrum of activity different from cisplatin and is able of overcoming acquired cisplatin resistance. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1849-1857. | 3.5 | 36 |
| 83 | Ubiquitin Stability and the Lys ⁶³ -Linked Polyubiquitination Site Are Compromised on Copper Binding. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7993-7995. | 13.8 | 36 |
| 84 | Solution Structures of the Actuator Domain of ATP7A and ATP7B, the Menkes and Wilson Disease Proteins. <i>Biochemistry</i> , 2009, 48, 7849-7855. | 2.5 | 36 |
| 85 | Cationic Complexes of Platinum(II) Containing Olefins: A Type of Highly Electrophilic Substrate. <i>Comments on Inorganic Chemistry</i> , 1994, 16, 95-112. | 5.2 | 35 |
| 86 | Synthesis, characterization, and cytotoxicity of dinuclear platinum-bisphosphonate complexes to be used as prodrugs in the local treatment of bone tumours. <i>Dalton Transactions</i> , 2009, , 10904. | 3.3 | 35 |
| 87 | Antitumor Active Trans-Platinum Compounds. , 2004, , 209-250. | | 35 |
| 88 | Neutron diffraction analysis (T = 120 K) of chloro(ethene)(tetramethylethylenediamine)platinum(II) perchlorate. <i>Inorganic Chemistry</i> , 1986, 25, 2207-2211. | 4.0 | 34 |
| 89 | Marked Dependence on Carrier-Ligand Bulk but Not on Carrier-Ligand Chirality of the Duplex versus Single-Strand Forms of a DNA Oligonucleotide with a Series of G ⁺ Pt(II) ⁻ C Intrastrand Cross-Links Modeling Cisplatin-DNA Adducts. <i>Journal of the American Chemical Society</i> , 2005, 127, 15833-15842. | 13.7 | 34 |
| 90 | Solution Behavior of Amidine Complexes: An Unexpected cis/trans Isomerization and Formation of Di- and Trinuclear Platinum(III) and Platinum(II) Species. <i>Inorganic Chemistry</i> , 2009, 48, 10800-10810. | 4.0 | 34 |

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|-----|--|------|-----------|
| 91 | Diminishing Dynamic Motion Problems of Platinum Anticancer Drug Adducts of Guanine Derivatives with the Hybrid Ligand Approach: Evidence for Cis Interligand Interactions Especially between 3'-GMP's. <i>Inorganic Chemistry</i> , 1999, 38, 1006-1014. | 4.0 | 33 |
| 92 | Platinum-Based Antitumor Drugs Containing Enantiomerically Pure \pm -Trifluoromethyl Alanine as Ligand. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7821-7828. | 6.4 | 33 |
| 93 | New chemistry of olefin complexes of platinum(II) unravelled by basic conditions: synthesis and properties of elusive cationic species. <i>Dalton Transactions</i> , 2008, , 5313. | 3.3 | 33 |
| 94 | Solvolysis of platinum complexes with substituted ethylenediamines in dimethyl sulfoxide. <i>Inorganic Chemistry</i> , 1990, 29, 29-33. | 4.0 | 32 |
| 95 | X-ray Structure and Circular Dichroism of Pure Rotamers of Bis[guanosine-5'-monophosphate(\sim 1)](N,N,N',N'-tetramethylcyclohexyl-1,2-diamine)platinum(II) Complexes That Have R,R and S,S Configurations at the Asymmetric Diamine. <i>Chemistry - A European Journal</i> , 2003, 9, 6122-6132. | 3.3 | 32 |
| 96 | Stable η^2 - and η^1 -ethene cationic complexes of platinum(II). <i>Inorganica Chimica Acta</i> , 1980, 38, 53-57. | 2.4 | 31 |
| 97 | Irreversible addition of carbon nucleophiles to ethylene in cationic platinum(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 309. | 1.1 | 31 |
| 98 | cis-Pt(NH ₃) ₂ (GpG) Properties Interpreted through Comparison with Retro-Model GpG Adducts Having Carrier Ligands Designed to Slow Dynamic Motion and Control Cross-Link Handedness. <i>Journal of the American Chemical Society</i> , 2000, 122, 8021-8030. | 13.7 | 31 |
| 99 | Influence of Carrier Ligand NH Hydrogen Bonding to the O6 and Phosphate Group of Guanine Nucleotides in Platinum Complexes with a Single Guanine Ligand. <i>Inorganic Chemistry</i> , 2000, 39, 634-641. | 4.0 | 31 |
| 100 | Modification of Second-Sphere Communication, Leading to an Unusually High Abundance of the Head-to-Head Conformer of Cisplatin Cross-Link Retro Models. <i>Inorganic Chemistry</i> , 2002, 41, 546-557. | 4.0 | 31 |
| 101 | A Molecular Tool for Measuring the Electron-Acceptor Ability of Ligands from Crystallographic Data. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1705-1713. | 2.0 | 31 |
| 102 | Synthesis, characterization, and in vitro cytotoxicity of a Kiteplatin-Ibuprofen Pt(IV) prodrug. <i>Inorganica Chimica Acta</i> , 2018, 472, 221-228. | 2.4 | 31 |
| 103 | Platinum drugs, copper transporters and copper chelators. <i>Coordination Chemistry Reviews</i> , 2018, 374, 254-260. | 18.8 | 31 |
| 104 | Antiviral properties and cytotoxic activity of platinum(II) complexes with 1,10-phenanthrolines and acyclovir or penciclovir. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1385-1390. | 3.5 | 30 |
| 105 | Activation of Platinum(IV) Prodrugs by Cytochrome <i>c</i> and Characterization of the Protein Binding Sites. <i>Molecular Pharmaceutics</i> , 2016, 13, 3216-3223. | 4.6 | 30 |
| 106 | A new dinuclear platinum complex with a nitrogen-containing geminal bisphosphonate as potential anticancer compound specifically targeted to bone tissues. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 2078-2086. | 3.5 | 29 |
| 107 | Thermodynamic and Mechanistic Insights into Translesion DNA Synthesis Catalyzed by γ -Family DNA Polymerase Across a Bulky Double-Strand Base Lesion of an Antitumor Platinum Drug. <i>Chemistry - A European Journal</i> , 2012, 18, 15439-15448. | 3.3 | 29 |
| 108 | Platination of the copper transporter ATP7A involved in anticancer drug resistance. <i>Dalton Transactions</i> , 2014, 43, 12085. | 3.3 | 29 |

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|-----|---|-----|-----------|
| 109 | Photoactivation of DiiodidoPt(IV) Complexes Coupled to Upconverting Nanoparticles. <i>Molecular Pharmaceutics</i> , 2016, 13, 2346-2362. | 4.6 | 29 |
| 110 | Reduction of gold(III) to gold(I) by dialkyl sulphides. Evidence for an atom-transfer redox process. <i>Journal of the Chemical Society Dalton Transactions</i> , 1980, , 1017. | 1.1 | 28 |
| 111 | Synthesis and characterization of platinum complexes with acyclovir and some acetylated derivatives: crystal and molecular structure of trans-[9-(2-acetoxyethoxymethyl)guanine- δ N7]dichloro(δ -ethylene)platinum(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1867-1873. | 1.1 | 28 |
| 112 | Five-coordinate platinum (II) alkyne complexes: synthesis, ab initio calculations and crystal and molecular structure of [PtI ₂ (Me ₂ phen) δ -2PhC \equiv 1/4CPh] δ -CHCl ₃ . <i>Inorganica Chimica Acta</i> , 1998, 275-276, 500-509. ^{2,4} | | 28 |
| 113 | Second-sphere π -communication TM between two cis-bound guanine nucleotides. Factors influencing conformations of dynamic adducts of cis-type platinum anticancer drugs with guanine nucleotides as deduced by circular dichroism spectroscopy. <i>Inorganica Chimica Acta</i> , 2000, 297, 36-46. | 2.4 | 28 |
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