

Francesco Paolo Intini

List of Publications by Year in descending order

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71
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2,478
citations

147801

31
h-index

206112

48
g-index

72
all docs

72
docs citations

72
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Platinum(II) complexes containing iminoethers: a trans platinum antitumour agent. <i>Chemico-Biological Interactions</i> , 1995, 98, 251-266.	4.0	79
6	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
7	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
8	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
9	Synthesis and X-ray Structural Characterization of Two Unbridged Diplatinum(III) Compounds:Acis-andtrans-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
10	Atropisomerization of cis-bis(5'GMP)-Platinum(II)-Diamine Complexes with Non-C2-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
11	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
12	Stereochemically controlled ligands influence atropisomerization of platinum(II) nucleotide complexes. Evidence for head-to-head and stable .LAMBDA. head-to-tail atropisomers. <i>Journal of the American Chemical Society</i> , 1990, 112, 8177-8179.	13.7	63
13	A Novel Head-to-Head Conformer of d(GpG) Cross-linked by Pt:Â 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
14	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
15	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
16	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
17	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
18	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

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19	In vitro and in vivo antitumour 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
20	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
21	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
22	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
23	Conformer Distribution in <i>cis</i> -1,4-DACHbis(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
24	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
25	Synthesis and in Vitro Antitumor Activity of Platinum Acetonimine Complexes. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 829-837.	6.4	41
26	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
27	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
28	Effects of Six-Membered-Ring Conformation on the Rotamer Distribution and Rate of Atropisomerization in Platinum(II)-Guanine Compounds: 2,4-Bis(methylamino)pentane Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 5260-5268.	4.0	36
29	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
30	Solution Behavior of Amidine Complexes: An Unexpected <i>cis/trans</i> Isomerization and Formation of Di- and Trinuclear Platinum(III) and Platinum(II) Species. <i>Inorganic Chemistry</i> , 2009, 48, 10800-10810.	4.0	34
31	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
32	Solvolysis of platinum complexes with substituted ethylenediamines in dimethyl sulfoxide. <i>Inorganic Chemistry</i> , 1990, 29, 29-33.	4.0	32
33	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
34	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
35	Addition of hydroxide, alkoxide, and carboxylate anions to platinum-bonded ethylene. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 1019.	1.1	25
36	Synthesis and Crystal Structure of <i>trans</i> -Diaquabis(amidato) Complex of Platinum(II). <i>Inorganic Chemistry</i> , 1996, 35, 1715-1717.	4.0	24

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37	Factors Influencing the Configuration and Conformation of Diamine Chelate Rings in Platinum(II) Compounds: 2,4-Bis(methylamino)pentane Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 6070-6079.	4.0	24
38	Platinum amides from platinum nitriles: X-ray crystal structure of trans-dichloro-bis(1-imino-1-hydroxy-2,2-dimethylpropane)platinum(II). <i>Inorganica Chimica Acta</i> , 1997, 264, 279-286.	2.4	23
39	X-ray Structures of the First Platinum Complexes with Z Configuration Iminoether Ligands: trans-Dichlorobis(1-imino-1-methoxy-2,2-dimethylpropane)platinum(II) and trans-Tetrachlorobis(1-imino-1-methoxy-2,2-dimethylpropane)platinum(IV). <i>Inorganic Chemistry</i> , 2002, 41, 470-478.	4.0	23
40	Kinetic study of the reaction between an antitumor 15N labeled trans-platinum iminoether complex and GMP by [1H, 15N] HMQC NMR. <i>Dalton Transactions RSC</i> , 2002, , 3489.	2.3	21
41	Synthesis and stereochemical characterisation of platinum(II) complexes with the antiviral agents penciclovir and famciclovir. <i>Inorganica Chimica Acta</i> , 2003, 344, 174-182.	2.4	21
42	Synthesis and structural characterization of isomeric "lantern-shaped" platinum(III) complexes of formula [Pt2(PPh3)X{N(H)C(R)O}4](NO3)2 (X=PPh3, H2O). <i>Inorganica Chimica Acta</i> , 2003, 346, 143-150.	2.4	21
43	Synthesis and characterisation of the amidine complexes trans-[PtCl(NH3){HNC(NH2)R}2]Cl (R=Me, Ph). <i>Organometallic Chemistry</i> , 2005, 690, 2121-2127.	1.8	21
44	Synthesis, Characterization, and In Vitro Antitumor Activity of New Amidineplatinum(II) Complexes Obtained by Addition of Ammonia to Coordinated Acetonitrile. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4555-4561.	2.0	21
45	Isomerism of Amides Coordinated to Platinum X-ray Crystal Structure of O-Bonded Acetamide in a Platinum(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1305-1312.	2.0	20
46	Isomerism of amides coordinated to platinum. X-ray crystal structure of dichloro-bisacetamide-platinum(II). <i>Inorganica Chimica Acta</i> , 1996, 251, 111-118.	2.4	19
47	Cyclodextrin polymers as carriers for the platinum-based anticancer agent LA-12. <i>RSC Advances</i> , 2016, 6, 12461-12466.	3.6	19
48	Structural characterization of the "lantern-shaped" platinum(III) complex [Pt2Cl2{N(H)C(But)O}4]. <i>Polyhedron</i> , 2002, 21, 275-280.	2.2	18
49	Cationic intermediates in oxidative addition reactions of Cl2 to [PtCl2(cis-1,4-DACH)]. <i>Dalton Transactions</i> , 2011, 40, 12877.	3.3	17
50	Anticancer potential of a photoactivated transplatin derivative containing the methylazaindole ligand mediated by ROS generation and DNA cleavage. <i>Dalton Transactions</i> , 2016, 45, 13179-13186.	3.3	14
51	Synthesis and spectroscopic and structural characterization of different configurations of the tridentate amine ligand N,N,N'-trimethyldiethylenetriamine coordinated to platinum. <i>Inorganica Chimica Acta</i> , 2000, 310, 27-33.	2.4	11
52	The First Example of a Dinuclear Platinum(III) Complex with Three Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1635-1642.	2.0	11
53	Stereochemical investigation of cationic olefin complexes of platinum(II) containing chiral diamines: a sequence of four asymmetric centres (N, C, C and N) in the chelate ring. <i>Inorganica Chimica Acta</i> , 1994, 227, 261-268.	2.4	10
54	Single-Stranded Oligonucleotide Adducts Formed by Pt Complexes Favoring Left-Handed Base Canting: Steric Effect of Flanking Residues and Relevance to DNA Adducts Formed by Pt Anticancer Drugs. <i>Inorganic Chemistry</i> , 2011, 50, 8608-8620.	4.0	9

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55	Folate- α -Cyclodextrin Conjugates as Carriers of the Platinum(IV) Complex LA-12. <i>ChemPlusChem</i> , 2015, 80, 536-543.	2.8	9
56	Synthesis and crystal structure of the first trinuclear chloride-bridged platinum(II) complex with mutually perpendicular co-ordination planes: cyclo-tri- μ -chloro-tris[chloro(1-hydroxy-1-imino-2,2-dimethylpropane)platinum(II)]-dichloromethane (0.5/1). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3753-3758.	1.1	8
57	Unusual Reactivity at a Platinum Center Determined by the Ligands and the Solvent Environment. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5081-5084.	13.8	8
58	NMR and X-ray characterization of a platinum(II) complex with (α)sparteine. <i>Inorganica Chimica Acta</i> , 2008, 361, 1606-1615.	2.4	8
59	NMR and X-ray Structural Characterization of a Cisplatin Analogue Able To Slow Down the Pt α N7 Rotation of a Coordinated Guanine Base by a Billion-Fold Times: 2,2 α -Bipiperidine(dimethylmalonato)platinum(II) Complex. <i>Inorganic Chemistry</i> , 2008, 47, 4909-4917.	4.0	8
60	Synthesis and X-ray crystal structure of trans-dichloro(1-cyano-2,2-dimethylpropane)(1-imino-1-hydroxy-2,2-dimethylpropane)platinum(II). <i>Polyhedron</i> , 1999, 18, 1863-1868.	2.2	7
61	Cytotoxic trans-Oriented Platinum Complexes only Form Adducts with Single-Stranded Oligodeoxynucleotides. <i>Chemistry - A European Journal</i> , 2004, 10, 3569-3578.	3.3	7
62	X-Ray Structural Characterization of the Bis-Guanine Derivative of a Cisplatin Analogue Having Just One Proton on Each Coordinated Nitrogen and a Head-to-Head Conformation: [Pt{(A \pm)-N</i>,N</i> α -Dimethyl-2,3-diaminobutane}(9-ethyl-guanine) ₂]dinitrate. <i>Inorganic Chemistry</i> , 2010, 49, 7853-7860.	4.0	6
63	Potential of cytotoxic action of cis-[PtCl ₂ (NH ₃) ₂](1M7Al)] by UVA irradiation. Mechanistic insights. <i>Inorganica Chimica Acta</i> , 2018, 472, 199-206.	2.4	6
64	α -Lantern-Shaped Platinum(III) Complexes with Axially Bound 9-Ethylguanine or 1-Methylcytosine (L) of General Formula [Pt ₂ {HN=C(But)O}4L ₂](NO ₃) ₂ . <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-8.	4.1	5
65	Synthesis, characterization, and biological activity of platinum II, III, and IV pivaloamidine complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1081-1097.	2.6	4
66	Cytotoxic trans-oriented iminoether platinum complexes α Kinetics of binding to DNA oligonucleotides determined by 15N NMR spectroscopy. <i>Inorganica Chimica Acta</i> , 2009, 362, 907-914.	2.4	3
67	trans-Chloridobis[(Z)-1-imino-1-methoxyethane- α N](triphenylphosphane- α P)platinum(II) chloride monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, m300-m302.	0.4	3
68	Isomerization of Platinum-Coordinated Iminoethers Induced by Spectator Ligands: Stabilization of the Zanti Configuration. <i>Inorganic Chemistry</i> , 2013, 52, 13058-13067.	4.0	3
69	Iminoethers as Carrier Ligands: A Novel trans-Platinum Complex Possessing in Vitro and in Vivo Antitumour Activity. , 1996, , 27-35.		3
70	Synthesis and characterization of new platinum(II) complexes with cyclic iminoether-type ligands having the azomethine group out of cycle. <i>Inorganica Chimica Acta</i> , 2022, 530, 120655.	2.4	1
71	Two polymorphs of potassium trichloro[diethyl (methylsulfinylmethyl)phosphonate- α S]platinum(II) with $Z\alpha = 1$ and 3 in the space group P212121. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m306-m310.	0.4	0