

Venancio Rodríguez

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Organoplatinum(II) Complexes Self-Assemble and Recognize AT-Rich Duplex DNA Sequences. <i>Inorganic Chemistry</i> , 2021, 60, 2178-2187.	4.0	14
2	A 2-(benzothiazol-2-yl)-phenolato platinum(II) complex as potential photosensitizer for combating bacterial infections in lung cancer chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113600.	5.5	14
3	An Erlotinib gold(I) conjugate for combating triple-negative breast cancer. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110910.	3.5	28
4	Cyclometalated iridium(III) luminescent complexes in therapy and phototherapy. <i>Coordination Chemistry Reviews</i> , 2018, 360, 34-76.	18.8	214
5	A new C,N-cyclometalated osmium(II) arene anticancer scaffold with a handle for functionalization and antioxidative properties. <i>Chemical Communications</i> , 2018, 54, 11120-11123.	4.1	12
6	Toward Angiogenesis Inhibitors Based on the Conjugation of Organometallic Platinum(II) Complexes to RGD Peptides. <i>ChemMedChem</i> , 2018, 13, 1755-1762.	3.2	14
7	Exploring the Influence of the Aromaticity on the Anticancer and Antivascular Activities of Organoplatinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 5614-5625.	3.3	26
8	Dual Antitumor and Antiangiogenic Activity of Organoplatinum(II) Complexes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1320-1336.	6.4	56
9	Understanding the interaction of an antitumoral platinum(II) 7-azaindolate complex with proteins and DNA. <i>BioMetals</i> , 2014, 27, 1159-1177.	4.1	8
10	Anticancer C,N-Cycloplatinated(II) Complexes Containing Fluorinated Phosphine Ligands: Synthesis, Structural Characterization, and Biological Activity. <i>Inorganic Chemistry</i> , 2013, 52, 13529-13535.	4.0	29
11	New steroidal 7-azaindole platinum(II) antitumor complexes. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 48-56.	3.5	24
12	Anticancer cyclometalated complexes of platinum group metals and gold. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2784-2797.	18.8	289
13	Novel C,N-chelate rhodium(III) and iridium(III) antitumor complexes incorporating a lipophilic steroidal conjugate and their interaction with DNA. <i>Dalton Transactions</i> , 2012, 41, 12847.	3.3	82
14	Studying the interactions of a platinum(II) 9-aminoacridine complex with proteins and oligonucleotides by ESI-TOF MS. <i>Dalton Transactions</i> , 2012, 41, 300-306.	3.3	10
15	A Potent Ruthenium(II) Antitumor Complex Bearing a Lipophilic Levonorgestrel Group. <i>Inorganic Chemistry</i> , 2011, 50, 9164-9171.	4.0	74
16	η^5 -Cyclopentadienylpalladium(II) complexes: Synthesis, characterization and use for the vinyl addition polymerization of norbornene and the copolymerization with 5-vinyl-2-norbornene or 5-ethylidene-2-norbornene. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 473-487.	1.8	47
17	Novel C,N-chelate platinum(II) antitumor complexes bearing a lipophilic ethisterone pendant. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 525-531.	3.5	49
18	Palladium(II) complexes with pentafluorophenyl ligands: structures, C6F5 fluxionality by 2D-NMR studies and pre-catalysts for the vinyl addition polymerization of norbornene. <i>Dalton Transactions</i> , 2010, 39, 3609.	3.3	35

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19	New 7-azaindole palladium and platinum complexes: crystal structures and theoretical calculations. In vitro anticancer activity of the platinum compounds. Dalton Transactions, 2010, 39, 3290.	3.3	63
20	Structure of solid-state CPMAS ¹³ C NMR correlation in palladacycle solvates (pseudo-polymorphs) with a transformation from Z = 1 to Z = 2. CrystEngComm, 2008, 10, 1928.	2.6	30
21	Acetonimine and 4-Imino-2-methylpentan-2-amino Platinum(II) Complexes: Synthesis and in Vitro Antitumor Activity. Inorganic Chemistry, 2008, 47, 10025-10036.	4.0	23
22	A Novel Metal-Binding Mode of Thymine Nucleobases: N(3) and O(4) Chelation. Inorganic Chemistry, 2007, 46, 5448-5449.	4.0	23
23	Can a single C-H...F hydrogen bond make a difference? Assessing the H-F bond strength from 2-D1H-19F CP/MAS NMR. CrystEngComm, 2006, 8, 662-665.	2.6	72
24	Synthesis and Characterization of Monomeric Aryloxo Palladium Complexes of the Type [Pd(N-N)(OAr)(C6F5)]. Crystal Structure of [Pd(tmeda)(C6F5)(OC6H4NO2-p)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2227-2231.	1.2	4
25	Synthesis and characterization of monomeric siloxo palladium(II) complexes: crystal structure of [Pd(tmeda)(C6F5)(OSiPh3)]. Journal of Organometallic Chemistry, 2004, 689, 1872-1875.	1.8	7
26	New thiocarbamate and thioureate palladium and platinum complexes: synthesis and use as metalloligands. Unprecedented coordination of the thioureate ligand in [(C6F5)2Pd(1/2, 1/2-SC(NMe2)NPh)Pd(C6F5)(bpm)]. Inorganica Chimica Acta, 2004, 357, 2331-2338.	2.4	8
27	Insertion reactions of SO2 into Pd-OR bonds: preparation of alkyl sulfite complexes of palladium(II). Dalton Transactions, 2004, , 929-932.	3.3	17
28	Condensation reactions of monomeric hydroxo palladium complexes with active methyl and methylene compounds. Dalton Transactions, 2004, , 3521-3527.	3.3	13
29	Insertion Reactions into Pd-O and Pd-N Bonds: Preparation of Alkoxy carbonyl, Carbonato, Carbamate, Thiocarbamate, and Thioureide Complexes of Palladium(II). Inorganic Chemistry, 2003, 42, 3650-3661.	4.0	56
30	Ureato(1-) complexes of palladium(II) and platinum(II). Inorganica Chimica Acta, 2003, 351, 114-118.	2.4	5
31	Acetonimine and 2-Methyl-2-amino-4-iminopentane Complexes of Palladium(II). Organometallics, 2002, 21, 4912-4918.	2.3	15
32	Synthesis of Terminal and Bridging Acetylonyl Complexes of Palladium(II). Crystal Structures of [(AsPh3)(C6F5)Pd]2(1/4-CH2C(O)CH3)2, [(AsPh3)(C6F5)Pd{CH2C(O)CH3}(t-BuNC)], and [(o-C6H4CH2NMe2)Pd{O, O-CH(CO2Et)2}]. Organometallics, 2001, 20, 1973-1982.	2.3	43
33	Synthesis, X-ray crystal structure, NMR characterization and theoretical calculations on [Cp2Ta(1/2-H2)(CO)]+, the first thermally stable group 5 dihydrogen complex. New Journal of Chemistry, 2001, 25, 55-62.	2.8	36
34	Synthesis and characterization of chelate and bridging triazenide complexes of palladium and platinum. Stereoselective oxidative addition of chlorine or iodine to [NBu4][Pt(C6F5)2(1/2-PhNNNPh)]. Dalton Transactions RSC, 2001, , 2683-2689.	2.3	40
35	Synthesis and Reactivity of Bridging and Terminal Hydrosulfido Palladium and Platinum Complexes. Crystal Structures of [NBu4]2[Pt(C6F5)2(1/4-SH)]2, [Pt(C6F5)2(PPh3){S(H)AgPPh3}], and [Pt(C6F5)2(PPh3){S(AuPPh3)2}]. Inorganic Chemistry, 2001, 40, 5354-5360.	4.0	23
36	First complex containing a Pd(1/2-N...CPh2)2 functional group. Inorganic Chemistry Communication, 2001, 4, 23-25.	3.9	12

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37	Synthesis and characterization of heterodinuclear thiolate complexes containing the Pd(η^3 -allyl) ⁺ moiety. Crystal structure of [(dppe)Pd(η^4 -SC ₆ H ₄ Me-p)2Pd(η^3 -C ₃ H ₅)] [ClO ₄]. Polyhedron, 2000, 19, 1627-1631.	2.2	16
38	A Unique Coordination of SiH ₄ : Isolation, Characterization, and Theoretical Study of (PR ₃) ₂ H ₂ Ru(SiH ₄)RuH ₂ (PR ₃) ₂ . Journal of the American Chemical Society, 2000, 122, 5664-5665.	13.7	83
39	Ruthenium Dihydrido-bis(pyrazolyl)borate Complexes Adopting a η^3 N,N,H, η^2 N,H, or η^2 N,N Bonding Mode. Organometallics, 2000, 19, 2916-2926.	2.3	37
40	X-Ray structure and theoretical studies of RuH ₂ (η^2 -H ₂)(η^2 -H-SiPh ₃)(PCy ₃) ₂ , a complex with two different η^2 -coordinated σ bonds. Chemical Communications, 1999, , 1315-1316.	4.1	61
41	Reactivity of hydroxo complexes of palladium(II) towards nitriles: formation of carboxamide and imino ether derivatives of palladium(II). Journal of the Chemical Society Dalton Transactions, 1999, , 2939-2946.	1.1	47
42	Reactivity of [{M(C ₆ F ₅) ₂ (η^4 -OH)} ₂]- (M = Pd or Pt) toward Aromatic Amines and Malononitrile. Organometallics, 1999, 18, 1177-1184.	2.3	61
43	Coherent and incoherent dihydrogen dynamics in a ruthenium trihydride complex with the tris(pyrryl)phosphine ligand. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1998, 102, 344-353.	0.9	19
44	New aliphatic and aromatic thiolato-bridged complexes of palladium(II) and platinum(II). Polyhedron, 1998, 17, 1503-1509.	2.2	12
45	Hydride and Dihydrogen Ruthenium Complexes of the Tripyrrolylphosphine Ligand. Organometallics, 1998, 17, 3809-3814.	2.3	36
46	Fluxionality and Isomerism of the Bis(dihydrogen) Complex RuH ₂ (H ₂) ₂ (PCy ₃) ₂ : INS, NMR, and Theoretical Studies. Inorganic Chemistry, 1998, 37, 3475-3485.	4.0	44
47	Synthesis and reactivity of [Pd ₂ L ₂ R ₂ (η^4 -OH) ₂]-type complexes (L = η^5 -PEt ₃ or PPh ₃ ; R = η^5 -Me, PhCH ₂ or Ph). Crystal structure of [Pd ₂ (PPh ₃) ₂ Ph ₂ (η^4 -OH)(η^4 -NHC ₆ H ₄ OMe-p)]. Journal of the Chemical Society Dalton Transactions, 1997, , 4271-4276.	1.1	25
48	Title is missing!. Transition Metal Chemistry, 1997, 22, 502-506.	1.4	6
49	Synthesis and Reactivity of Binuclear Bis(η^4 -aryloxo) Complexes of Palladium and Platinum. Crystal Structure of [NBu ₄][Pt(C ₆ F ₅) ₂ (OC ₆ H ₄ NO ₂ -p)(CO)]. Organometallics, 1996, 15, 1662-1668.	2.3	26
50	Novel η^2 -iminoenolato (or η^2 -carbonyliminato) complexes starting from di- η^4 -hydroxo palladium or platinum complexes with dimethyl acetylenedicarboxylate and primary amines: Crystal structure of. Journal of Organometallic Chemistry, 1996, 523, 23-32.	1.8	8
51	Pentahalophenyl palladium and platinum trinuclear complexes with tetrathiomolybdate and tetrathiotungstate. Journal of Organometallic Chemistry, 1995, 493, 77-82.	1.8	11
52	New methoxo-, hydroxo- and pyrazolate-bridged platinum(II) complexes. Crystal structure of [NBu ₄] ₂ [Pt(C ₆ F ₅) ₂](η^4 -OH)(η^4 -dmpz)] (dmpz = 3,5-dimethylpyrazolate). Journal of the Chemical Society Dalton Transactions, 1992, , 1681-1686.	1.1	31
53	Synthesis of palladium(II) and platinum(II) N,N-dialkyldithiocarbamates starting from hydroxo-halophenyl complexes. Journal of Organometallic Chemistry, 1992, 436, 121-126.	1.8	20