

# Venancio Rodríguez

## List of Publications by Year in descending order

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53  
papers

2,058  
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218677

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53  
docs citations

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times ranked

2485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer cyclometalated complexes of platinum group metals and gold. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2784-2797.	18.8	289
2	Cyclometalated iridium(III) luminescent complexes in therapy and phototherapy. <i>Coordination Chemistry Reviews</i> , 2018, 360, 34-76.	18.8	214
3	A Unique Coordination of SiH <sub>4</sub> : Isolation, Characterization, and Theoretical Study of (PR <sub>3</sub> ) <sub>2</sub> H <sub>2</sub> Ru(SiH <sub>4</sub> )RuH <sub>2</sub> (PR <sub>3</sub> ) <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2000, 122, 5664-5665.	13.7	83
4	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
5	A Potent Ruthenium(II) Antitumor Complex Bearing a Lipophilic Levonorgestrel Group. <i>Inorganic Chemistry</i> , 2011, 50, 9164-9171.	4.0	74
6	Can a single C-H...F hydrogen bond make a difference? Assessing the H...F bond strength from 2-D <sup>1</sup> H-19F CP/MAS NMR. <i>CrystEngComm</i> , 2006, 8, 662-665.	2.6	72
7	New 7-azaindole palladium and platinum complexes: crystal structures and theoretical calculations. In vitro anticancer activity of the platinum compounds. <i>Dalton Transactions</i> , 2010, 39, 3290.	3.3	63
8	X-Ray structure and theoretical studies of RuH <sub>2</sub> ( $\eta$ -2-H <sub>2</sub> )( $\eta$ -2-H-SiPh <sub>3</sub> )(PCy <sub>3</sub> ) <sub>2</sub> , a complex with two different $\eta$ -2-coordinated $\eta$ bonds. <i>Chemical Communications</i> , 1999, , 1315-1316.	4.1	61
9	Reactivity of [M(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> ( $\eta$ -1/4-OH)] <sub>2</sub> (M = Pd or Pt) toward Aromatic Amines and Malononitrile. <i>Organometallics</i> , 1999, 18, 1177-1184.	2.3	61
10	Insertion Reactions into Pd-O and Pd-N Bonds: Preparation of Alkoxy carbonyl, Carbonato, Carbamate, Thiocarbamate, and Thioureide Complexes of Palladium(II). <i>Inorganic Chemistry</i> , 2003, 42, 3650-3661.	4.0	56
11	Dual Antitumor and Antiangiogenic Activity of Organoplatinum(II) Complexes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1320-1336.	6.4	56
12	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
13	Reactivity of hydroxo complexes of palladium(II) towards nitriles: formation of carboxamide and imino ether derivatives of palladium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2939-2946.	1.1	47
14	$\eta$ -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
15	Fluxionality and Isomerism of the Bis(dihydrogen) Complex RuH <sub>2</sub> (H <sub>2</sub> ) <sub>2</sub> (PCy <sub>3</sub> ) <sub>2</sub> : INS, NMR, and Theoretical Studies. <i>Inorganic Chemistry</i> , 1998, 37, 3475-3485.	4.0	44
16	Synthesis of Terminal and Bridging Acetylonyl Complexes of Palladium(II). Crystal Structures of [AsPh <sub>3</sub> ](C <sub>6</sub> F <sub>5</sub> )Pd <sub>2</sub> { $\eta$ -1/4-CH <sub>2</sub> C(O)CH <sub>3</sub> } <sub>2</sub> , [AsPh <sub>3</sub> ](C <sub>6</sub> F <sub>5</sub> )Pd{CH <sub>2</sub> C(O)CH <sub>3</sub> }(t-BuNC), and [(o-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub> NMe <sub>2</sub> )Pd{O, O $\eta$ -CH(CO <sub>2</sub> Et) <sub>2</sub> }. <i>Organometallics</i> , 2001, 20, 1973-1982.	2.3	43
17	Synthesis and characterization of chelate and bridging triazenide complexes of palladium and platinum. Stereoselective oxidative addition of chlorine or iodine to [NBu <sub>4</sub> ][Pt(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> ( $\eta$ -2-PhNNNPh)]. <i>Dalton Transactions RSC</i> , 2001, , 2683-2689.	2.3	40
18	Ruthenium Dihydrido(bis(pyrazolyl))borate Complexes Adopting a $\eta$ <sup>3</sup> N,N,H, $\eta$ <sup>2</sup> N,H, or $\eta$ <sup>2</sup> N,N Bonding Mode. <i>Organometallics</i> , 2000, 19, 2916-2926.	2.3	37

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19	Hydride and Dihydrogen Ruthenium Complexes of the Tripyrrolylphosphine Ligand. <i>Organometallics</i> , 1998, 17, 3809-3814.	2.3	36
20	Synthesis, X-ray crystal structure, NMR characterization and theoretical calculations on [Cp2Ta( $\eta$ -2-H2)(CO)] <sup>+</sup> , the first thermally stable group 5 dihydrogen complex. <i>New Journal of Chemistry</i> , 2001, 25, 55-62.	2.8	36
21	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
22	New methoxo-, hydroxo- and pyrazolate-bridged platinum(II) complexes. Crystal structure of [NBu4]2[{Pt(C6F5)2( $\mu$ -OH)( $\mu$ -dmpz)] (dmpz = 3,5-dimethylpyrazolate). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1681-1686.	1.1	31
23	Structure of "solid-state CPMAS 13C NMR correlation in palladacycle solvates (pseudo-polymorphs) with a transformation from Z $\epsilon$ <sup>2</sup> = 1 to Z $\epsilon$ <sup>2</sup> = 2. <i>CrystEngComm</i> , 2008, 10, 1928.	2.6	30
24	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
25	An Erlotinib gold(I) conjugate for combating triple-negative breast cancer. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110910.	3.5	28
26	Synthesis and Reactivity of Binuclear Bis( $\eta$ -4-aryloxo) Complexes of Palladium and Platinum. Crystal Structure of [NBu4][Pt(C6F5)2(OC6H4NO2-p)(CO)]. <i>Organometallics</i> , 1996, 15, 1662-1668.	2.3	26
27	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
28	Synthesis and reactivity of [Pd2L2R2( $\eta$ -4-OH)2]-type complexes (L $\epsilon$ ...= $\epsilon$ ...PEt3 or PPh3; R $\epsilon$ ...= $\epsilon$ ...Me, PhCH2 or Ph). Crystal structure of [Pd2(PPh3)2Ph2( $\eta$ -4-OH)( $\eta$ -4-NHC6H4OMe-p)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4271-4276.	1.1	25
29	New steroidal 7-azaindole platinum(II) antitumor complexes. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 48-56.	3.5	24
30	Synthesis and Reactivity of Bridging and Terminal Hydrosulfido Palladium and Platinum Complexes. Crystal Structures of [NBu4]2[{Pt(C6F5)2( $\eta$ -4-SH)}2], [Pt(C6F5)2(PPh3){S(H)AgPPh3}], and [Pt(C6F5)2(PPh3){S(AuPPh3)2}]. <i>Inorganic Chemistry</i> , 2001, 40, 5354-5360.	4.0	23
31	A Novel Metal-Binding Mode of Thymine Nucleobases: $\eta$ -N(3) and O(4) Chelation. <i>Inorganic Chemistry</i> , 2007, 46, 5448-5449.	4.0	23
32	Acetonimine and 4-Imino-2-methylpentan-2-amino Platinum(II) Complexes: Synthesis and in Vitro Antitumor Activity. <i>Inorganic Chemistry</i> , 2008, 47, 10025-10036.	4.0	23
33	Synthesis of palladium(II) and platinum(II) N,N-dialkyldithiocarbamates starting from hydroxo-halophenyl complexes. <i>Journal of Organometallic Chemistry</i> , 1992, 436, 121-126.	1.8	20
34	Coherent and incoherent dihydrogen dynamics in a ruthenium trihydride complex with the tris(pyrryl)phosphine ligand. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1998, 102, 344-353.	0.9	19
35	Insertion reactions of SO2 into Pd $\epsilon$ -OR bonds: preparation of alkyl sulfite complexes of palladium(ii). <i>Dalton Transactions</i> , 2004, , 929-932.	3.3	17
36	Synthesis and characterization of heterodinuclear thiolate complexes containing the Pd( $\eta$ -3-allyl) <sup>+</sup> moiety. Crystal structure of [(dippe)Pd( $\eta$ -4-SC6H4Me-p)2Pd( $\eta$ -3-C3H5)][ClO4]. <i>Polyhedron</i> , 2000, 19, 1627-1631.	2.2	16

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37	Acetimine and 2-Methyl-2-amino-4-iminopentane Complexes of Palladium(II). <i>Organometallics</i> , 2002, 21, 4912-4918.	2.3	15
38	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
39	Organoplatinum(II) Complexes Self-Assemble and Recognize AT-Rich Duplex DNA Sequences. <i>Inorganic Chemistry</i> , 2021, 60, 2178-2187.	4.0	14
40	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
41	Condensation reactions of monomeric hydroxo palladium complexes with active methyl and methylene compounds. <i>Dalton Transactions</i> , 2004, , 3521-3527.	3.3	13
42	New aliphatic and aromatic thiolato-bridged complexes of palladium(II) and platinum(II). <i>Polyhedron</i> , 1998, 17, 1503-1509.	2.2	12
43	First complex containing a Pd( $\eta^2$ -N $\tilde{r}$ ...CPh $_2$ ) $_2$ functional group. <i>Inorganic Chemistry Communication</i> , 2001, 4, 23-25.	3.9	12
44	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
45	Pentahalophenyl palladium and platinum trinuclear complexes with tetrathiomolybdate and tetrathiotungstate. <i>Journal of Organometallic Chemistry</i> , 1995, 493, 77-82.	1.8	11
46	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
47	Novel $\eta^2$ -iminoenolato (or $\eta^2$ -carbonyliminato) complexes starting from di- $\eta^1$ -hydroxo palladium or platinum complexes with dimethyl acetylenedicarboxylate and primary amines: Crystal structure of. <i>Journal of Organometallic Chemistry</i> , 1996, 523, 23-32.	1.8	8
48	New thiocarbamate and thioureate palladium and platinum complexes: synthesis and use as metalloligands. Unprecedented coordination of the thioureate ligand in [(C $_6$ F $_5$ ) $_2$ Pd( $\eta^2$ - $\eta^2$ -SC(NMe $_2$ )NPh)Pd(C $_6$ F $_5$ )(bpzm)]. <i>Inorganica Chimica Acta</i> , 2004, 357, 2331-2338.	2.4	8
49	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
50	Synthesis and characterization of monomeric siloxo palladium(II) complexes: crystal structure of [Pd(tmeda)(C $_6$ F $_5$ )(OSiPh $_3$ )]. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1872-1875.	1.8	7
51	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 22, 502-506.	1.4	6
52	Ureato( $\eta^2$ ) complexes of palladium(II) and platinum(II). <i>Inorganica Chimica Acta</i> , 2003, 351, 114-118.	2.4	5
53	Synthesis and Characterization of Monomeric Aryloxo Palladium Complexes of the Type [Pd(N-N)(OAr)(C $_6$ F $_5$ )]. Crystal Structure of [Pd(tmeda)(C $_6$ F $_5$ )(OC $_6$ H $_4$ NO $_2$ -p)]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2227-2231.	1.2	4