Jesus M Martinez-Ilarduya

List of Publications by Year in Descending Order

37 papers	922 citations	18 h-index	30 g-index
37 ext. papers	1,028 ext. citations	4.9 avg, IF	3.91 L-index

#	Paper	IF	Citations
37	Novel phosphine sulphide gold(i) complexes: topoisomerase I inhibitors and antiproliferative agents. *Dalton Transactions*, **2020**, 49, 7852-7861	4.3	5
36	Ranking Ligands by Their Ability to Ease (CF)NiL -pNiL + (CF) Coupling versus Hydrolysis: Outstanding Activity of PEWO Ligands. *Inorganic Chemistry*, **2020**, 59, 18287-18294	5.1	4
35	Experimental study of speciation and mechanistic implications when using chelating ligands in aryl-alkynyl Stille coupling. *Dalton Transactions*, **2020**, 49, 11336-11345	4.3	0
34	Microporous Polymer Networks for Carbon Capture Applications. *ACS Applied Materials & Interfaces*, **2018**, 10, 26195-26205	9.5	22
33	Highly enantioselective addition of dimethylzinc to fluorinated alkyl ketones, and the mechanism behind it. *Chemical Communications*, **2018**, 54, 11809-11812	5.8	8
32	Polymer [Pd(CHSOCHMe)], a precursor to remarkably stable Pd organometallics. *Dalton Transactions*, **2017**, 46, 8083-8090	4.3	3
31	Promoting Difficult Carbon-Carbon Couplings: Which Ligand Does Best?. *Angewandte Chemie - International Edition*, **2016**, 55, 13276-13280	16.4	24
30	Promoting Difficult Carbon□Carbon Couplings: Which Ligand Does Best?. *Angewandte Chemie*, **2016**, 128, 13470-13474	3.6	3
29	The Stille Reaction, 38 Years Later. *ACS Catalysis*, **2015**, 5, 3040-3053	13.1	245
28	Diamine-catalyzed addition of ZnEt2 to PhC(O)CF3 : two mechanisms and autocatalytic asymmetric enhancement. *Chemistry - A European Journal*, **2014**, 20, 14800-6	4.8	12
27	Experimental Study of the Mechanism of the Palladium-Catalyzed Aryl□Alkyl Negishi Coupling Using Hybrid Phosphine□Electron-Withdrawing Olefin Ligands. *Organometallics*, **2014**, 33, 4394-4400	3.8	19
26	Phosphines with Tethered Electron-Withdrawing Olefins as Ligands for Efficient Pd-Catalyzed Aryl-Alkyl Coupling. *Organometallics*, **2013**, 32, 4255-4261	3.8	10
25	Molecular and Merrifield supported chiral diamines for enantioselective addition of ZnR2 (R = Me, Et) to ketones. *Dalton Transactions*, **2013**, 42, 14576-82	4.3	12
24	[Pd(Fmes)2(tmeda)]: a case of intermittent C-H□□F-C hydrogen-bond interaction in solution. *Chemistry - A European Journal*, **2013**, 19, 3702-9	4.8	7
23	Highly Enantioselective Addition of Dialkylzinc to Trifluoroacetophenones, Catalyzed by 1,2-Diamines. Synthesis of Key Fragments of Inhibitors of the Enzyme 11□HSD1 and Kinetic Analysis of the Process□*Organometallics*, **2010**, 29, 6402-6407	3.8	12
22	19F NMR in organometallic chemistry. *Coordination Chemistry Reviews*, **2008**, 252, 2180-2208	23.2	54
21	Study of the replacement of weak ligands on square-planar organometallic nickel(II) complexes. Organo-nickel aquacomplexes. *Inorganic Chemistry*, **2007**, 46, 1027-32	5.1	11

20	Stable Nickel Catalysts for Fast Norbornene Polymerization: Tuning Reactivity. *European Journal of Inorganic Chemistry*, **2005**, 2005, 3825-3831	2.3	43
19	Structural and dynamic studies in solution of anionic dinuclear azolato-bridged palladium(II) complexes. *Journal of Organometallic Chemistry*, **2002**, 663, 108-117	2.3	14
18	Snapshots of a Stille reaction. *Chemical Communications*, **2001**, 339-340	5.8	46
17	Dinuclear azolato-bridged complexes of the nickel group metals with haloaryl ligands: a reinvestigation of their behavior in solution. *Inorganic Chemistry*, **2000**, 39, 975-9	5.1	6
16	Dialkyl-□ethylidene-□methylene-bis(pentamethylcyclopentadienyl)-dirhodium complexes: synthesis, spectra and decomposition reactions. *Inorganica Chimica Acta*, **1998**, 280, 62-70	2.7	3
15	The 3,5-Dichlorotrifluorophenyl Ligand, a Useful Tool for the Study of Coordination Modes and Dynamic Behavior of Complexes of Palladium and Platinum. *European Journal of Inorganic Chemistry*, **1998**, 1998, 1745-1753	2.3	20
14	3,5-dichlorotrifluorophenyl complexes, aryl derivatives with simple 19F NMR structural probes. The synthesis of general precursors for Pd- and Pt complexes. *Journal of Organometallic Chemistry*, **1998**, 551, 9-20	2.3	45
13	Kinetic Study of the Dynamic Behavior of [M(C6F5)X(OPPynPh3-n)] (M = Pd, Pt; X = C6F5, Halide; n = 1□): Activation Parameters for the Restricted Rotation about the M□Aryl Bond and for the Py Associative Exchange. *Organometallics*, **1997**, 16, 770-779	3.8	43
12	Oxidative Addition of Group 14 Element Hydrido Compounds to OsH(2)(eta(2)-CH(2)=CHEt)(CO)(P(i)Pr(3))(2): Synthesis and Characterization of the First Trihydrido-Silyl, Trihydrido-Germyl, and Trihydrido-Stannyl Derivatives of Osmium(IV). *Inorganic Chemistry*, **1996**, 35, 1250-1256	5.1	41
11	Dioxomolybdenum(VI) halides as oxotransfer catalysts. *Polyhedron*, **1994**, 13, 3257-3259	2.7	40
10	Synthesis and characterization of cis-bis[(p-tolylsulfonyl)methyl]palladium(II) complexes. *Journal of Organometallic Chemistry*, **1993**, 447, 145-152	2.3	7
9	Synthesis and reactions of di, tri- and tetra-nuclear cationic complexes derived from bis(□methylenepentamethylcyclopentadienyl)dirhodium: the crystal structure of tetranuclear [{(C5Me5Rh-□CH2)2}2(□CN)2](PF6)2. *Journal of Organometallic Chemistry*, **1991**, 405, 393-402	2.3	12
8	Syntheses, structures, and reactions of alkenyl-dirhodium complexes: coupling □methylene and □vinyl to allyl; an entry to □ethylidene-□methylene dirhodium complexes. Crystal structures of [{(C5Me5Rh)(□CH2)(CH?CH2)}2] and [(C5Me5Rh)2(□CH2)(□CHMe)Cl2]. *Journal of Organometallic Chemistry*, **1990**, 394, 583-599	2.3	25
7	The conversion of a divinyldi-□methylene-dirhodium complex into a (□ethylidene-(□methylene-dirhodium complex. *Canadian Journal of Chemistry*, **1989**, 67, 1698-1699	0.9	6
6	Reactions of metallocene niobium(III) isocyanide complexes with oxidizing reagents. *Journal of Organometallic Chemistry*, **1989**, 369, 197-204	2.3	7
5	The coupling of vinyl and □-methylene ligands: a new view of the mechanism of the Fischer□Tropsch polymerisation reaction. *Journal of the Chemical Society Chemical Communications*, **1989**, 286-287		21
4	Preparation of carbonyl, halogeno, and alkyl niobocene complexes and their reactions with oxygen. Crystal structures of [Nb(□C5H4SiMe3)2Cl2], [Nb(□C5H4SiMe3)2(O)Me], and [Nb(□C5H4SiMe3)2(C6F5)(CO)]. *Journal of the Chemical Society Dalton Transactions*, **1988**, 2685-2693		29
3	New dicyclopentadienyl phosphine, phosphite, and acetylene niobium(III) complexes. Crystal structure of [Nb(□C5H4SiMe3)2Cl(PhCCPh)]. *Journal of the Chemical Society Dalton Transactions*, **1987**, 975-980		20

2	Synthesis and reactivity of bis(trimethylsilylcyclopentadienyl)- niobium compounds with cumulene ligands. *Journal of Organometallic Chemistry*, **1987**, 335, 85-90	2.3	21
1	Bi-imidazole (H2bim) and bibenzimidazole η3-allylic complexes of palladium(II). Mono- and tetra-nuclear palladium(II) and heteronuclear palladium(II)–rhodium(I) complexes. Crystal structure of [Pd4(η3-C3H5)4(μ-bim)2]·CH2Cl2. *Journal of the Chemical Society Dalton Transactions*, **1983**, 1729-1737		22