

Aldo Vitagliano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ligand effects and nucleophilic addition to (η^3 -allyl)palladium complexes. A carbon-13 NMR study. <i>Organometallics</i> , 1987, 6, 620-628.	2.3	169
2	Effects of phenanthroline type ligands on the dynamic processes of (η^3 -allyl)palladium complexes. Molecular structure of (2,9-dimethyl-1,10-phenanthroline)[(1,2,3- η^3 -)3-methyl-2-butenyl]chloropalladium. <i>Organometallics</i> , 1993, 12, 4940-4948.	2.3	121
3	Molecular Mechanics Predictions and Experimental Testing of Asymmetric Palladium-Catalyzed Allylation Reactions Using New Chiral Phenanthroline Ligands. <i>Journal of the American Chemical Society</i> , 1996, 118, 4299-4313.	13.7	119
4	Alkylation of (π -allyl)palladium systems. Mechanism and regiocontrol. <i>Organometallics</i> , 1984, 3, 679-682.	2.3	113
5	Selective stabilization of the anti isomer of (η^3 -allyl)palladium and -platinum complexes. <i>Organometallics</i> , 1992, 11, 3954-3964.	2.3	105
6	Ligand-induced selective stabilization of the anti isomer in (η^3 -allyl)palladium complexes: an attempt to control the E-Z stereochemistry in palladium-promoted allylic substitutions. <i>Journal of the American Chemical Society</i> , 1990, 112, 4587-4588.	13.7	99
7	Stereo- and Regiocontrol in Palladium-Catalyzed Allylic Alkylation Using 1,10-Phenanthrolines as Ligands. <i>Organometallics</i> , 1994, 13, 1963-1971.	2.3	91
8	Coordinated Olefins as Incipient Carbocations: A Catalytic Codimerization of Ethylene and Internal Olefins by a Dicationic Pt(II) η^2 -Ethylene Complex. <i>Journal of the American Chemical Society</i> , 2002, 124, 9038-9039.	13.7	85
9	Reactivity and syn-anti isomerization of (η^3 -geranyl)- and (η^3 -neryl)palladium complexes. Evidence for electronic control of the regiochemistry of nucleophilic addition. <i>Organometallics</i> , 1985, 4, 1275-1283.	2.3	83
10	The mechanism of nucleophilic addition to η^3 -allylpalladium complexes: the influence of ligands on rates and regiochemistry. <i>Journal of Organometallic Chemistry</i> , 1987, 335, 133-142.	1.8	78
11	Coordination of Alkenes at a Highly Electrophilic Site. New Dicationic Platinum(II) Complexes: A Synthesis, Structure, and Reactions with Nucleophiles. <i>Organometallics</i> , 2002, 21, 1807-1818.	2.3	69
12	Five-coordinate olefin complexes of platinum(II) containing σ -bonded carbon ligands. Coordination environment and stability. <i>Organometallics</i> , 1989, 8, 1180-1187.	2.3	66
13	Five-coordinate olefin complexes of platinum(II) containing σ -bonded carbon ligands. Synthesis and characterization of [PtClMe(η^2 -C ₂ H ₄)(N-N')] complexes. Molecular structure of an adduct with a chiral metal center and of its parent four-coordinate complex. <i>Organometallics</i> , 1987, 6, 517-525.	2.3	65
14	Coordination of Olefins and N-Donor Ligands at the Fragment [2,6-Bis((diphenylphosphino)methyl)pyridine]-palladium(II). Synthesis, Structure, and Amination of the New Dicationic Complexes [Pd(PNP)(CH ₂ CHR)](BF ₄) ₂ (R = H, Ph). <i>Organometallics</i> , 1998, 17, 2060-2066.	2.3	61
15	Molybdenum-Catalyzed Allylic Substitution. Influence of 1,10-Phenanthroline Ligands on Reactivity and Selectivity. <i>Organometallics</i> , 1997, 16, 942-950.	2.3	51
16	The First Class of Square-Planar Platinum(II) Complexes Containing Electron-Poor Alkenes. Rare Insertion of an Alkene into a Pt η^1 -Alkyl Bond. <i>Organometallics</i> , 1998, 17, 2646-2650.	2.3	50
17	Catalytic Coupling of Ethylene and Internal Olefins by Dicationic Palladium(II) and Platinum(II) Complexes: A Switching from Hydrovinylation to Cyclopropane Ring Formation. <i>Organometallics</i> , 2005, 24, 3359-3361.	2.3	48
18	Olefins Coordinated at a Highly Electrophilic Site η^2 -Dicationic Palladium(II) Complexes and Their Equilibrium Reactions with Nucleophiles. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 419-429.	2.0	43

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19	Catalytic Hydroarylation of Olefins Promoted by Dicationic Platinum(II) and Palladium(II) Complexes. The Interplay of C-C Bond Formation and C-C Bond Cleavage. <i>Organometallics</i> , 2007, 26, 5216-5223.	2.3	39
20	Catalytic dimerisation of olefins by a cationic platinum(II) complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 47.	2.0	35
21	Carbon-carbon bond formation in cationic aryl-olefin-platinum(II) complexes. <i>Organometallics</i> , 1992, 11, 3669-3676.	2.3	31
22	Molecular structure of η^5 -[Pd(CH ₂ -CH-CMeCH ₂ CH ₂ CH ₂ →CMe ₂)-(MeCN)](BF ₄), A cationic η^5 -allylpalladium complex with an almost in-plane intramolecular olefin coordination. <i>Journal of Organometallic Chemistry</i> , 1985, 295, 233-238.	1.8	25
23	Chiral Recognition in Silver(I) Olefin Complexes with Chiral Diamines. Resolution of Racemic Alkenes and NMR Discrimination of Enantiomers. <i>Organometallics</i> , 2004, 23, 15-17.	2.3	22
24	New cationic five-coordinate monoolefin hydrocarbyl complexes of platinum(II). <i>Journal of Organometallic Chemistry</i> , 1990, 388, 243-252.	1.8	21
25	Molecular rearrangements in the formation of five-coordinate platinum(II) olefin complexes. Structural and mechanistic aspects. <i>Inorganica Chimica Acta</i> , 1997, 265, 35-46.	2.4	21
26	Catalytic Hydroalkylation of Olefins by Stabilized Carbon Nucleophiles Promoted by Dicationic Platinum(II) and Palladium(II) Complexes. <i>Organometallics</i> , 2010, 29, 5878-5884.	2.3	21
27	Electrophilicity of coordinated carbon monoxide in alkoxydienylplatinum(II) carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 1974, 81, 261-270.	1.8	19
28	Resolution of Allylic Alcohols via Copper(I) Complexes with a Chiral Diamine. <i>Tetrahedron Letters</i> , 1994, 35, 169-170.	1.4	19
29	Stereoselectivity and Chiral Recognition in Copper(I) Olefin Complexes with a Chiral Diamine. <i>Chemistry - A European Journal</i> , 2000, 6, 1127-1139.	3.3	18
30	Four- versus five-coordination in platinum(II) complexes of η^2 -diimines and the crystal structure of [PtClMe(<i>i</i> -Pr N CHCH N <i>i</i> -Pr)]. <i>Inorganica Chimica Acta</i> , 1988, 144, 57-61.	2.4	16
31	The mechanism of amination of η^3 -allylpalladium complexes. An exploratory kinetic study. <i>Journal of Organometallic Chemistry</i> , 1988, 349, C22-C26.	1.8	13
32	Intermolecular Cross-coupling Between η^2 -Olefin and η^1 -Allyl Ligands in Cationic Platinum(II) and Palladium(II) Complexes. <i>Organometallics</i> , 2008, 27, 6360-6363.	2.3	13
33	Reactions of some methoxydienylplatinum(II) complexes with carbon monoxide. <i>Journal of Organometallic Chemistry</i> , 1973, 49, C49-C52.	1.8	10
34	Stabilization of unstable unsaturated molecules in five-coordinate TBP complexes of Pt(II): enol, diol and dialdehyde derivatives. <i>Journal of Organometallic Chemistry</i> , 2001, 622, 242-250.	1.8	10
35	Chiral Diamine-Silver(I)-Alkene Complexes: A Quantum Chemical and NMR Study. <i>Organometallics</i> , 2005, 24, 3737-3745.	2.3	10
36	Hydrophilic Pd(0) Complexes Based on Sugars for Efficient Suzuki-Miyaura Coupling in Aqueous Systems. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4199-4208.	2.0	8

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37	Chiral Recognition in Platinum Complexes of 1,2-Diphenyl-N,N'-bis[(2,4,6-trimethylphenyl)methyl]-1,2-diaminoethane. Stereoselective Coordination of Olefins and Molecular Structure of a Trigonal Bipyramidal Adduct. <i>Organometallics</i> , 1995, 14, 1152-1160.	2.3	7