

Maria Elena Cucciolito

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of phenanthroline type ligands on the dynamic processes of (.eta.3-allyl)palladium complexes. Molecular structure of (2,9-dimethyl-1,10-phenanthroline)[(1,2,3-.eta.)-3-methyl-2-butenyl]chloropalladium. Organometallics, 1993, 12, 4940-4948.	2.3	121
2	Selective stabilization of the anti isomer of (.eta.3-allyl)palladium and -platinum complexes. Organometallics, 1992, 11, 3954-3964.	2.3	105
3	Coordinated Olefins as Incipient Carbocations: A Catalytic Codimerization of Ethylene and Internal Olefins by a Dicationic Pt(II) Ethylene Complex. Journal of the American Chemical Society, 2002, 124, 9038-9039.	13.7	85
4	Synthesis and characterization of five-coordinate olefin complexes of palladium(II). Molecular structure of the acetone solvate of (2,9-dimethyl-1,10-phenanthroline)(maleic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.617 Td (anhydride)	2.3	48
5	Five-coordinate olefin complexes of platinum(II) containing .sigma.-bonded carbon ligands. Coordination environment and stability. Organometallics, 1989, 8, 1180-1187.	2.3	66
6	Catalytic Coupling of Ethylene and Internal Olefins by Dicationic Palladium(II) and Platinum(II) Complexes: A Switching from Hydrovinylation to Cyclopropane Ring Formation. Organometallics, 2005, 24, 3359-3361.	2.3	48
7	Cationic platinum(II) - or palladium(II)-carbyl complexes and unsaturated substrates: a facile way to C-C bond formation. Journal of Organometallic Chemistry, 1995, 493, 1-11.	1.8	47
8	O,N,Oâ€²-tridentate ligands derived from carbohydrates in the V(IV)-promoted asymmetric oxidation of thioanisole. Journal of Molecular Catalysis A, 2005, 236, 176-181.	4.8	47
9	On the stabilization of five-coordinate trigonal-bipyramidal palladium(II) species. Crystal structure of (2,9-dimethyl-1,10-phenanthroline)methylchloropalladium(II). Journal of Organometallic Chemistry, 1991, 403, 269-277.	1.8	44
10	Sustainable Process for Production of Azelaic Acid Through Oxidative Cleavage of Oleic Acid. JAOCS, Journal of the American Oil Chemists' Society, 2015, 92, 1701-1707.	1.9	43
11	Iron(III) Complexes with Cross-Bridged Cyclams: Synthesis and Use in Alcohol and Water Oxidation Catalysis. European Journal of Inorganic Chemistry, 2018, 2018, 3304-3311.	2.0	43
12	Iron(III) Complexes for Highly Efficient and Sustainable Ketalization of Glycerol: A Combined Experimental and Theoretical Study. ACS Omega, 2019, 4, 688-698.	3.5	43
13	Catalytic Hydroarylation of Olefins Promoted by Dicationic Platinum(II) and Palladium(II) Complexes. The Interplay of CâˆC Bond Formation and MâˆC Bond Cleavage. Organometallics, 2007, 26, 5216-5223.	2.3	39
14	<i>Cynara cardunculus</i> Biomass Recovery: An Eco-Sustainable, Nonedible Resource of Vegetable Oil for the Production of Poly(lactic acid) Bioplasticizers. ACS Sustainable Chemistry and Engineering, 2019, 7, 4069-4077.	6.7	36
15	Novel chiral diimines and diamines derived from sugars in copper-catalysed asymmetric cyclopropanation. Tetrahedron: Asymmetry, 2001, 12, 2467-2471.	1.8	33
16	Highly efficient iron(III) molecular catalysts for solketal production. Fuel Processing Technology, 2017, 167, 670-673.	7.2	33
17	Pt(II) versus Pt(IV) in Carbene Glycoconjugate Antitumor Agents: Minimal Structural Variations and Great Performance Changes. Inorganic Chemistry, 2020, 59, 4002-4014.	4.0	32
18	Stereoselectivity and Chiral Recognition in Copper(I) Olefin Complexes with a Chiral Diamine. Chemistry - A European Journal, 2000, 6, 1127-1139.	3.3	29

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19	Five-Coordinate Platinum(II) Compounds Containing Sugar Ligands: Synthesis, Characterization, Cytotoxic Activity, and Interaction with Biological Macromolecules. <i>Inorganic Chemistry</i> , 2018, 57, 3133-3143.	4.0	28
20	A highly efficient and selective antitumor agent based on a glucoconjugated carbene platinum($\text{Pt}(\text{C}=\text{C})$) complex. <i>Dalton Transactions</i> , 2019, 48, 7794-7800.	3.3	28
21	Trigonal-bipyramidal co-ordinatively saturated platinum(II) olefin complexes bearing an organomercury fragment in axial position. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, 3421.	1.1	26
22	Preparation and catalytic properties of palladium(0) and rhodium(I) complexes containing new chiral P,N-ligands derived from carbohydrates. <i>Inorganica Chimica Acta</i> , 2003, 353, 238-244.	2.4	26
23	A novel and robust homogeneous supported catalyst for biodiesel production. <i>Fuel</i> , 2016, 171, 1-4.	6.4	26
24	Five-Coordinate Platinum(II) Compounds as Potential Anticancer Agents. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 918-929.	2.0	24
25	First Coordinatively Saturated Carbene Complexes of Platinum(II): Synthesis, Structure, and Reactivity. <i>Organometallics</i> , 1999, 18, 3482-3489.	2.3	23
26	A Sustainable Process for the Production of Varnishes Based on Pelargonic Acid Esters. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2019, 96, 443-451.	1.9	23
27	Direct and Solvent-Free Oxidative Cleavage of Double Bonds in High-Oleic Vegetable Oils. <i>ChemistrySelect</i> , 2020, 5, 1396-1400.	1.5	23
28	Solvent-free transesterification of methyl levulinate and esterification of levulinic acid catalyzed by a homogeneous iron(III) dimer complex. <i>Molecular Catalysis</i> , 2020, 483, 110777.	2.0	23
29	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
30	Emerging catalysis in biomass valorisation: simple Zn(II) catalysts for fatty acids esterification and transesterification. <i>ChemCatChem</i> , 2020, 12, 5858-5879.	3.7	22
31	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
32	Homogeneous Catalysis and Heterogeneous Recycling: A Simple Zn(II) Catalyst for Green Fatty Acid Esterification. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6001-6011.	6.7	21
33	Shiff base complexes of zinc(II) as catalysts for biodiesel production. <i>Journal of Molecular Catalysis A</i> , 2012, 353-354, 106-110.	4.8	20
34	<i>C</i> -Glycosylation in platinum-based agents: a viable strategy to improve cytotoxicity and selectivity. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2921-2933.	6.0	20
35	Resolution of Allylic Alcohols via Copper(I) Complexes with a Chiral Diamine. <i>Tetrahedron Letters</i> , 1994, 35, 169-170.	1.4	19
36	Sugar-Incorporated N-Heterocyclic Carbene-Containing Gold(I) Complexes: Synthesis, Characterization, and Cytotoxic Evaluation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4955-4961.	2.0	19

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37	Stereoselectivity and Chiral Recognition in Copper(λ^2 -Olefin) Complexes with a Chiral Diamine. <i>Chemistry - A European Journal</i> , 2000, 6, 1127-1139.	3.3	18
38	Synthesis, Structural Characterization, and Reactions of [PdPhCl(λ^2 -2,9-Me ₂ -1,10-phenanthroline)] with Olefins. <i>Organometallics</i> , 1995, 14, 5410-5414.	2.3	17
39	Coordination modes of cis-P(λ^2 -diphenyl-1,4-diphospha-cyclohexane) to metal ions of Groups 9 and 10. <i>Inorganica Chimica Acta</i> , 2003, 343, 209-216.	2.4	17
40	Hydrophilic ligands derived from glucose: Synthesis, characterization and in vitro cytotoxic activity on cancer cells of Pt(II) complexes. <i>Inorganica Chimica Acta</i> , 2010, 363, 741-747.	2.4	16
41	Strategies for immobilizing homogeneous zinc catalysts in biodiesel production. <i>Catalysis Communications</i> , 2014, 56, 81-85.	3.3	16
42	Oxidative Coupling of Imino, Amide Platinum(II) Complexes Yields Highly Conjugated Blue Dimers. <i>Organometallics</i> , 2017, 36, 384-390.	2.3	15
43	Three-coordinate [Pt(λ^2 -N,N-chelate)(λ^2 -olefin)] Complexes: Synthesis, Properties and Reactions with Electrophiles. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 457-469.	2.0	14
44	Synthesis of diethylcarbonate by ethanolysis of urea: A study on the recoverability and recyclability of new Zn-based heterogeneous catalysts. <i>Applied Catalysis A: General</i> , 2015, 493, 1-7.	4.3	14
45	Intermolecular Cross-coupling Between λ^2 -Olefin and λ^1 -1-Allyl Ligands in Cationic Platinum(II) and Palladium(II) Complexes. <i>Organometallics</i> , 2008, 27, 6360-6363.	2.3	13
46	Regiochemical control of a Pt-promoted alkylation of the phenyl ring. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1675-1678.	1.1	11
47	Recognition of Prochiral Sulfides in Five-coordinate Pt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4068-4075.	2.0	11
48	Pyridine Ruthenium(III) complexes entrapped in liposomes with enhanced cytotoxic properties in PC-3 prostate cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 552-558.	3.0	11
49	Bi- and trinuclear cationic complexes involving bonds between mercury and five-coordinate platinum(II). Molecular structure of [Pt(2,9-dimethyl-1,10-phenanthroline)-(Z-MeO ₂ CCH=)T] ETQq1 1 0.784314 ngBT /Overlock 10 T		
50	Stability and reactivity of the cis-PtII(R)(alkyne) fragment (R=...alkyl): an unprecedented rearrangement to form the PtII(λ^3 -allyl) moiety. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1351-1354.	1.1	10
51	A hydrophilic chiral diamine from d-glucose in the Rh(I) catalysed asymmetric hydrogenation of acetophenone. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1081-1085.	3.9	10
52	Chiral Diamine-Silver(I)-Alkene Complexes: A Quantum Chemical and NMR Study. <i>Organometallics</i> , 2005, 24, 3737-3745.	2.3	10
53	Reactivity of cis-{PtII(Ar)(alkyne)} Fragments (Ar = aryl): A Domino-Formation of Indenes. <i>Organometallics</i> , 2008, 27, 1351-1353.	2.3	9
54	The elpaN-salen series: multifunctional ligands based on d-glucose for the Mn(III)-catalyzed enantioselective epoxidation of styrenes. <i>Inorganica Chimica Acta</i> , 2013, 405, 288-294.	2.4	9

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55	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
56	A hydrophilic olefin Pt(0) complex containing a glucoconjugated 2-iminopyridine ligand: Synthesis, characterization, stereochemistry and biological activity. <i>Inorganica Chimica Acta</i> , 2021, 516, 120092.	2.4	8
57	Square-Planar vs. Trigonal Bipyramidal Geometry in Pt(II) Complexes Containing Triazole-Based Glucose Ligands as Potential Anticancer Agents. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8704.	4.1	8
58	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
59	Preparation, structure, and metal coordination of 2-(2-methyl-2,3-dihydro-1H-perimidin-2-yl)benzene-1,3-diol. <i>Tetrahedron Letters</i> , 2013, 54, 1503-1506.	1.4	7
60	Simple Zn(II) Salts as Efficient Catalysts for the Homogeneous Trans-Esterification of Methyl Esters. <i>Catalysis Letters</i> , 2016, 146, 1113-1117.	2.6	6
61	Reaction with Proteins of a Five-Coordinate Platinum(II) Compound. <i>International Journal of Molecular Sciences</i> , 2019, 20, 520.	4.1	6
62	Halo complexes of gold(I) containing glycoconjugate carbene ligands: synthesis, characterization, cytotoxicity and interaction with protein and DNA model systems. <i>Dalton Transactions</i> , 0, , .	3.3	6
63	Synthesis and Reactivity of Square-Planar Pt II η^1 -1- η^1 -Hydrocarbyl Complexes Containing cis η^2 -Coordinated Olefin or Alkyne. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 599-609.	2.0	3
64	Naphthalene-1,8-diamine- η^2 -(pyrimidin-2-yl)-1 <i>H</i> -perimidine (2/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1133-o1134.	0.2	3
65	Solvent-free direct esterification of acrylic acid with 2-ethylhexyl alcohol using simple Zn(II) catalysts. <i>Inorganica Chimica Acta</i> , 2022, 534, 120821.	2.4	3
66	N,N'-diethyl and N-ethyl,N'-methyl glyoxal-bridged cyclams: synthesis, characterization, and bleaching activities of the corresponding Mn(II) complexes. <i>Transition Metal Chemistry</i> , 2017, 42, 427-433.	1.4	2
67	Oxidative Addition of η^2 -Glycosyl Halides to a Platinum(0) Olefin Complex: Stereochemistry of Pt–C Bond Formation. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 534-539.	2.0	2
68	Parts-Per-Million (Salen)Fe(III) Homogeneous Catalysts for the Production of Biodiesel from Waste Cooking Oils. <i>Catalysis Letters</i> , 2022, 152, 3785-3794.	2.6	2
69	Mild, Selective, and Efficient Oxidation of Sulfides to Sulfoxides Catalyzed by Mn(III)-Salen Complexes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1021-1028.	1.6	1