

Mercè Rocamora

List of Publications by Year in descending order

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43
papers

1,019
citations

394421

19
h-index

434195

31
g-index

46
all docs

46
docs citations

46
times ranked

1027
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination chemistry of oxazoline ligands. <i>Coordination Chemistry Reviews</i> , 1999, 193-195, 769-835.	18.8	201
2	Modular Bis(oxazoline) Ligands for Palladium Catalyzed Allylic Alkylation: Unprecedented Conformational Behaviour of a Bis(oxazoline) Palladium 3-1,3-Diphenylallyl Complex. <i>Chemistry - A European Journal</i> , 2002, 8, 4164-4178.	3.3	78
3	Carbosilane Dendrimers Peripherally Functionalized with P-Stereogenic Monophosphines. Catalytic Behavior of Their Allylpalladium Complexes in the Asymmetric Hydrovinylation of Styrene. <i>Organometallics</i> , 2006, 25, 1368-1376.	2.3	53
4	New Enantiopure P,P-Bidentate Bis(diamidophosphite) Ligands. Application in Asymmetric Rhodium-Catalyzed Hydrogenation. <i>Organometallics</i> , 2013, 32, 2632-2642.	2.3	42
5	Palladium Complexes with Chiral Oxazoline Ligands. Effect of Chelate Size on Catalytic Allylic Substitutions. <i>Organometallics</i> , 2000, 19, 966-978.	2.3	40
6	Modular Approach to New Chiral Monodentate Diamidophosphite Ligands. Application in Palladium-Catalyzed Asymmetric Hydrovinylation of Styrene. <i>Organometallics</i> , 2011, 30, 115-128.	2.3	40
7	Electrochemical cleavage of allyl aryl ethers and allylation of carbonyl compounds: umpolung of allyl-palladium species. <i>Tetrahedron Letters</i> , 1999, 40, 5685-5688.	1.4	36
8	Exo- and Endocyclic Oxazolinylligand-Phosphane Palladium Complexes: Catalytic Behavior in Allylic Alkylation Processes. <i>Organometallics</i> , 2004, 23, 3197-3209.	2.3	36
9	Single and double metallic layer-containing ruthenium dendrimers. Synthesis and catalytic properties. <i>Dalton Transactions</i> , 2004, , 2450.	3.3	30
10	Synthesis and catalytic properties of neutral and cationic rhodium- and iridium-containing carbosilane dendrimers. <i>Dalton Transactions</i> , 2003, , 1194-1200.	3.3	26
11	Metal Complexes Containing Enantiopure Bis(diamidophosphite) Ligands in Asymmetric Allylic Substitution and Hydroformylation Reactions. <i>Organometallics</i> , 2015, 34, 3799-3808.	2.3	26
12	Asymmetric allylic alkylation catalyzed by Pd(II)-complexes with (S)-BINPO, a hemilabile axially chiral P,O-heterodonor inducer. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1477-1485.	1.8	25
13	Metal catalysed hydrovinylation. <i>Catalysis Science and Technology</i> , 2013, 3, 1446.	4.1	23
14	Reversible formation of η^1 - and η^5 -cyclopentadienyl complexes by treatment of $[M(C_6H_4N:NC_6H_4R)(\eta^5-C_5H_5)]$ (M = Pd, Pt) with tertiary phosphines. <i>Organometallics</i> , 1987, 6, 1440-1446.	2.3	22
15	Reactivity of $[NiR(\eta^2)L_2]$ compounds and the crystal structure of $[Ni(C_2Cl_3)(C_6H_2Me_3-2,4,6)(PMe_2Ph)_2]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 2333-2341.	1.1	21
16	Mechanism of the Insertion Reactions of Alkynes with Phosphanickelacycles. <i>Organometallics</i> , 1995, 14, 5552-5560.	2.3	21
17	Efficient Palladium Catalysts Containing Original Imidazolium-Tagged Chiral Diamidophosphite Ligands for Asymmetric Allylic Substitutions in Neat Ionic Liquid. <i>Organometallics</i> , 2014, 33, 771-779.	2.3	21
18	Amine, imine, and aminocarbene complexes of platinum(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1147.	1.1	20

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19	Decomposition of [NiRRâ€²L ₂] complexes induced by bromine or anodic oxidation. Journal of Organometallic Chemistry, 1986, 301, 227-236.	1.8	19
20	Synthesis and characterization of palladium(II) complexes with chiral aminophosphine ligands: Catalytic behaviour in asymmetric hydrovinylation. Crystal structure of cis-[PdCl ₂ (PPh((R)-NHCHCH ₃ Ph) ₂)]. Journal of Organometallic Chemistry, 2007, 692, 4005-4019.	1.8	19
21	New Open Tetraaza Nickel(II) and Palladium(II) Complexes. Different Reactivity of the Electrogenerated M(0) Species toward Difunctional Substrates. Organometallics, 1997, 16, 5900-5908.	2.3	18
22	Intramolecular Allyl Transfer Reaction from Allyl Ether to Aldehyde Groups: Experimental and Theoretical Studies. Chemistry - A European Journal, 2002, 8, 664-672.	3.3	18
23	Ruthenium complexes of P-stereogenic phosphines with a heterocyclic substituent. Dalton Transactions, 2016, 45, 8513-8531.	3.3	18
24	Palladium allylic complexes with enantiopure bis(diamidophosphite) ligands bearing a cyclohexane-1,2-diamine skeleton as catalysts in the allylic substitution reaction. Journal of Organometallic Chemistry, 2017, 830, 42-55.	1.8	18
25	¹³ C and proton nuclear magnetic resonance spectra of trans-[aryl bromobis(triethyl) Pt(PEt ₃) ₂]X groups. Magnetic Resonance in Chemistry, 1986, 24, 243-246.	1.9	17
26	Asymmetric Hydrovinylation and Hydrogenation with Metal Complexes of Symmetric Trisâ€ˆBinaphthyl Monophosphites. European Journal of Inorganic Chemistry, 2014, 2014, 1034-1041.	2.0	17
27	Kineticâ€ˆMechanistic Insights on the Assembling Dynamics of Allylâ€ˆCapped Metallacycles: The Ptâ€ˆN Bond is the Keystone. Chemistry - A European Journal, 2014, 20, 14473-14487.	3.3	16
28	Hindered rotation about the palladium-aryl bonds in [Pd(C ₆ H ₄ -2-N=NPh)(.eta.5-C ₅ H ₅)(PR ₃)] and related molecules: x-ray crystal structure of (.eta.5-cyclopentadienyl)[2-(phenylazo)phenyl-C1](tricyclohexyl-phosphine)palladium. Organometallics, 1988, 7, 1520-1525.	2.3	15
29	Preparation and reactivity of five-membered phosphonickelocycles. Journal of the Chemical Society Dalton Transactions, 1993, , 2959-2967.	1.1	15
30	Preparation of four-membered phosphonickelocycles. Unusual facile stabilization of five-co-ordinate complexes. Journal of the Chemical Society Dalton Transactions, 1994, , 3075-3084.	1.1	14
31	Reactions of neutral and ionic square-planar organometallic nickel compounds with ethylene. Journal of Organometallic Chemistry, 1992, 429, 391-401.	1.8	10
32	Conformation and ligand exchange reactions of trans-[PdCl(C ₆ H ₄ -2-N ₂ Ph)(PR ₃) ₂] and related complexes. Journal of Organometallic Chemistry, 1990, 388, 221-231.	1.8	9
33	Neutral and Cationic Palladium Complexes of <i>P</i> -Stereogenic Phosphanes Bearing a Heterocyclic Substituent. European Journal of Inorganic Chemistry, 2016, 2016, 4216-4225.	2.0	8
34	Reactions of activated alkynes with organonickel complexes. Crystal structure of trans-[NiBr(C(COOMe)â€ˆC(COOMe)(3,5-Cl ₂ C ₆ H ₃))(PPh ₃) ₂]. Journal of Organometallic Chemistry, 1988, 345, 383-396.	1.8	7
35	Diphosphorus Ligands Containing a <i>P</i> -Stereogenic Phosphane and a Chiral Phosphite or Phosphorodiamidite â€ˆ Evaluation in Pdâ€ˆCatalysed Asymmetric Allylic Substitution Reactions. European Journal of Inorganic Chemistry, 2016, 2016, 4054-4065.	2.0	6
36	Reactivity of di-1/4-chlorobis[pentachlorophenyl -(triphenylphosphine)nickel(II)] with neutral bases. Journal of Organometallic Chemistry, 1980, 184, 263-268.	1.8	5

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37	Sterically Hindered Square-Planar Nickel(II) Organometallic Complexes: Preparation, Characterization, and Substitution Behavior. <i>Journal of Chemical Education</i> , 2007, 84, 485.	2.3	4
38	Cyclopalladated Compounds with Polyhalogenated Benzylphosphanes for the Mizoroki-Heck Reaction. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2470-2484.	2.0	4
39	Homo- and heterometallic chiral dynamic architectures from allyl-palladium building blocks. <i>Dalton Transactions</i> , 2022, , .	3.3	1
40	Modular Bis(oxazoline) Ligands for Palladium-Catalyzed Allylic Alkylation: Unprecedented Conformational Behavior of a Bis(oxazoline) Palladium η^3 -1,3-Diphenylallyl Complex.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
41	Asymmetric Allylic Alkylation Catalyzed by Pd(II)-Complexes with (S)-BINPO, a Hemilabile Axially Chiral P,O-Heterodonor Inducer.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
42	Exo- and Endocyclic Oxazolinyl-Phosphane Palladium Complexes: Catalytic Behavior in Allylic Alkylation Processes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
43	Alternative pH-Shift Ion-Exchange Chromatography: Quantitative Spectroscopic Monitoring of the Progress of a Reaction. <i>Journal of Chemical Education</i> , 2008, 85, 426.	2.3	0