MarÃ-a A Garralda

List of Publications by Year
in descending order

38	630	567281 15	610901 24
papers	citations	h-index	g-index

39	39	39	531
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Steric Effects in the Catalytic Tandem Isomerizationâ€Hydrosilylation Reaction. ChemCatChem, 2021, 13, 1403-1409.	3.7	8
2	Experimental and DFT studies on Hexacoordinated acyl(alkyl)and Pentacooordinated Hydroxyalkyl(phosphinite)erhodium(III). Catalytic Hydrolysis of Ammonia Borane. European Journal of Inorganic Chemistry, 2021, 2021, 879-891.	2.0	4
3	Efficient Homogeneous Hydridoiridaâ€Î²â€Diketoneâ€Catalyzed Methanolysis of Ammoniaâ€Borane for Hydrogen Release in Air. Mechanistic Insights. European Journal of Inorganic Chemistry, 2021, 2021, 3131-3138.	2.0	3
4	Oxidative Addition of Secondary Phophine Oxides through Rh(I) Center. Hydridoâ€Phosphinitoâ€Rh(III) Complexes and their Catalytic Activity in Hydrophosphinylation of Alkynes. European Journal of Inorganic Chemistry, 2021, 2021, 4935.	2.0	1
5	Siâ€“C(sp³) bond activation through oxidative addition at a Rh(<scp>i</scp>) centre. Dalton Transactions, 2020, 49, 5416-5419.	3.3	4
6	Proton-responsive Ruthenium(II) Catalysts for the Solvolysis of Ammonia-Borane. Organometallics, 2020, 39, 1238-1248.	2.3	17
7	Acyl(furfurylamine)iridium(III) complexes from irida-Î²-diketones. Characterisation and catalytic activity in amine-borane hydrolysis. Inorganica Chimica Acta, 2019, 498, 119165.	2.4	4
8	A phosphine-stabilized silylene rhodium complex. Dalton Transactions, 2019, 48, 17179-17183.	3.3	7
9	(Diphenylphosphino)alkylaldehyde affords hydride- or alkyl-[(diphenylphosphino)alkylacyl]rhodium(iii) or (diphenylphosphino)alkylester complexes: theoretical and experimental diastereoselectivity. Dalton Transactions, 2019, 48, 3300-3313.	3.3	4
10	Secondary Oxide Phosphines to Promote Tandem Acylâ€“Alkyl Coupling/Hydrogen Transfer to Afford (Hydroxyalkyl)rhodium Complexes. Theoretical and Experimental Studies. Inorganic Chemistry, 2018, 57, 5307-5319.	4.0	6
11	From Remote Alkenes to Linear Silanes or Allylsilanes depending on the Metal Center. ChemCatChem, 2018, 10, 2210-2213.	3.7	14
12	Alkene-alkyl interconversion: an experimental and computational study of the olefin insertion and Î²-hydride elimination processes. Dalton Transactions, 2018, 47, 6808-6818.	3.3	7
13	Rh(<scp>iii</scp>)-Catalysed solvent-free hydrodehalogenation of alkyl halides by tertiary silanes. Dalton Transactions, 2018, 47, 16225-16231.	3.3	5
14	Rhodium(III) Catalyzed Solventâ€Free Tandem Isomerizationâ€“Hydrosilylation From Internal Alkenes to Linear Silanes. ChemCatChem, 2017, 9, 1901-1905.	3.7	22
15	Experimental Evidence Supporting Related Mechanisms for Ru(II)-Catalyzed Dehydrocoupling and Hydrolysis of Amine-Boranes. ACS Catalysis, 2017, 7, 8394-8405.	11.2	21
16	Dehydrogenative Coupling of a Tertiary Silane Using Wilkinson's Catalyst. European Journal of Inorganic Chemistry, 2016, 2016, 2891-2895.	2.0	13
17	Irida-Î²-ketoimines Derived from Hydrazines To Afford Metallapyrazoles or Nâ€“N Bond Cleavage: A Missing Metallacycle Disclosed by a Theoretical and Experimental Study. Inorganic Chemistry, 2016, 55, 10284-10293.	4.0	1
18	A pentacoordinated norbornenyl-acyl-rhodium(<scp>iii</scp>) complex as a likely intermediate in the catalytic hydroacylation of norbornadiene. Dalton Transactions, 2016, 45, 18502-18509.	3.3	7

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19	Acyliridium(III) Complexes with PCN Terdentate Ligands Including Iminoâ€•or Iminiumâ€Acyl Moieties or Formation of Hydrido from Hydroxyl. European Journal of Inorganic Chemistry, 2016, 2016, 1790-1797.	2.0	6
20	Silylâ€“Thioether Multidentate Ligands â€“ Synthesis of Rh^{III} Complexes via Rh^I/Rh^{III} Mixedâ€Valent and Cyclooctenyl Intermediates. European Journal of Inorganic Chemistry, 2015, 2015, 5451-5456.	2.0	13
21	Stereoselective formation and catalytic activity of hydrido(acylphosphane)(chlorido)(pyrazole)rhodium(<scp>iii</scp>) complexes. Experimental and DFT studies. Dalton Transactions, 2015, 44, 13141-13155.	3.3	22
22	On the Reactivity of Dihydridoirida-Î²-diketones with 2-Aminopyridines. Formation of Acylhydrido Complexes with New PCN Terdentate Ligands. Organometallics, 2015, 34, 348-354.	2.3	11
23	A readily accessible ruthenium catalyst for the solvolytic dehydrogenation of amineâ€“borane adducts. Dalton Transactions, 2014, 43, 11404.	3.3	40
24	Hydrido{(acylphosphine)(diphenylphosphinous acid)}rhodium(III) Complexes. Catalysts for the Homogeneous Hydrolysis of Ammonia- or Amine-Boranes under Air. Organometallics, 2014, 33, 6044-6052.	2.3	17
25	Efficient hydridoirida-Î²-diketone-catalyzed hydrolysis of ammonia- or amine-boranes for hydrogen generation in air. Dalton Transactions, 2013, 42, 11652.	3.3	22
26	Iridium and Rhodium Complexes with the Hemilabile Ligand [2â€(1,3â€Dioxolaneâ€2â€yl)phenyl]diphenylphosphane â€“ Behaviour in Solution and Structural Characterization. European Journal of Inorganic Chemistry, 2013, 2013, 1225-1235.	2.0	7
27	On the Reactivity of Platina-Î²-diketone and Acetylplatinum(II) Complexes toward 2-(Diphenylphosphanyl)benzaldehyde and Its Dioxolane Derivative. European Journal of Inorganic Chemistry, 2013, 2013, 5418-5427.	2.0	3
28	Reactions of Hydridoirida-Î²-diketones with Amines or with 2-Aminopyridines: Formation of Hydridoirida-Î²-ketoimines, PCN Terdentate Ligands, and Acyl Decarbonylation. Inorganic Chemistry, 2012, 51, 1760-1768.	4.0	18
29	A hydridoirida-Î²-diketone as an efficient and robust homogeneous catalyst for the hydrolysis of ammoniaâ€“borane or amineâ€“borane adducts in air to produce hydrogen. Dalton Transactions, 2010, 39, 7226.	3.3	34
30	Aldehyde Câ€“H activation with late transition metal organometallic compounds. Formation and reactivity of acyl hydrido complexes. Dalton Transactions, 2009, , 3635.	3.3	88
31	Reactivity of hydridoirida-Î²-diketones with bases: the selective formation of new di-Î¼-acyl-Î¼-hydridodiiridium(iii) or dihydridoirida-Î²-diketone complexes and heterometallic Ir(iii)â€“Rh(i) derivatives. Dalton Transactions, 2008, , 4602.	3.3	17
32	Rhodium(III) Acyl Hydrido, Acyl Hydroxyalkyl, Diacyl, Acyl Hydrido Aldehyde, and Acyl Hydrido Alcohol Complexes. Reduction of Aldehyde to Alcohol through Rhodium Hydroxyalkyl Complexes. Organometallics, 2007, 26, 1031-1038.	2.3	27
33	Selective Formation of Rhodium Diacyl or Acyl Hydrido Hemiaminal Complexes in the Reaction of o-(Diphenylphosphino)benzaldehyde with Rhodium 2-Aminopyridine or 2-(Aminomethyl)pyridine Compounds. Organometallics, 2007, 26, 5369-5376.	2.3	14
34	Synthesis and Reactivity of New Mono- and Dinuclear Hydridoirida-Î²-diketones â€“ The Formation and Characterization of a Dinuclear Tris-Î¼-acyliridium(III) Complex. European Journal of Inorganic Chemistry, 2006, 2006, 3893-3900.	2.0	15
35	o-(Diphenylphosphino)benzaldehyde: a versatile ligand and a useful hemilabile ligand precursor. Comptes Rendus Chimie, 2005, 8, 1413-1420.	0.5	21
36	Novel Hydridoirida-Î²-diketones Containing Small Molecules, CO, or Ethylene:â€‰ Their Behavior in Coordinating Solvents Such as Dimethylsulfoxide or Acetonitrile. Inorganic Chemistry, 2005, 44, 9084-9091.	4.0	21

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37	Synthesis and Characterization of Hydridoirida-Î²-diketones Formed by the Reaction of [{Ir(Cod)Cl}2] (Cod = 1,5-cyclooctadiene) with o-(Diphenylphosphino)benzaldehyde. Organometallics, 2003, 22, 3600-3603.	2.3	44
38	Hydroxyalkyl Complexes and Hemiaminal Formation in the Reaction ofo-Diphenylphosphinobenzaldehyde with Rhodium(I) Dihydrazone Complexes. Organometallics, 2000, 19, 5310-5317.	2.3	42