Cyril Godard

List of Publications by Year
in descending order

88 papers	3,093 citations	172457 29 h-index	168389 53 g-index
107 all docs	107 docs citations	107 times ranked	4324 citing authors

#	Article	IF	Citations
1	Pd nanoparticles for Câ€“C coupling reactions. Chemical Society Reviews, 2011, 40, 4973.	38.1	744
2	Soluble transition-metal nanoparticles-catalysed hydrogenation of arenes. Dalton Transactions, 2010, 39, 11499.	3.3	118
3	Advances in the preparation of highly selective nanocatalysts for the semi-hydrogenation of alkynes using colloidal approaches. Dalton Transactions, 2017, 46, 12381-12403.	3.3	117
4	Highlights of the Rh-catalysed asymmetric hydroformylation of alkenes using phosphorus donor ligands. Tetrahedron: Asymmetry, 2010, 21, 1135-1146.	1.8	91
5	Colloidal Ru, Co and Fe-nanoparticles. Synthesis and application as nanocatalysts in the Fischerâ€“Tropsch process. Catalysis Today, 2012, 183, 154-171.	4.4	90
6	A Million Turnover Molecular Anode for Catalytic Water Oxidation. Angewandte Chemie - International Edition, 2016, 55, 15382-15386.	13.8	90
7	Pd-catalysed asymmetric mono- and bis-alkoxycarbonylation of vinylarenes. Dalton Transactions, 2008, , 853-860.	3.3	81
8	Applications of the parahydrogen phenomenon in inorganic chemistry. Dalton Transactions, 2004, , 2601.	3.3	70
9	Alternating and Nonâ€Alternating Pdâ€Catalysed Coâ€•and Terpolymerisation of Carbon Monoxide and Alkenes. European Journal of Inorganic Chemistry, 2007, 2007, 2582-2593.	2.0	69
10	Heterogenization of Pdâ€“NHC complexes onto a silica support and their application in Suzukiâ€“Miyaura coupling under batch and continuous flow conditions. Catalysis Science and Technology, 2015, 5, 310-319.	4.1	58
11	Carbohydrateâ€Derived 1,3â€Diphosphite Ligands as Chiral Nanoparticle Stabilizers: Promising Catalytic Systems for Asymmetric Hydrogenation. ChemSusChem, 2009, 2, 769-779.	6.8	54
12	Systematic Study of the Asymmetric Methoxycarbonylation of Styrene Catalyzed by Palladium Systems Containing Chiral Ferrocenyl Diphosphine Ligands. Helvetica Chimica Acta, 2006, 89, 1610-1622.	1.6	52
13	Facile synthesis of NHC-stabilized Ni nanoparticles and their catalytic application in the Z-selective hydrogenation of alkynes. Chemical Communications, 2017, 53, 7894-7897.	4.1	51
14	Highly Efficient Rhodium Catalysts for the Asymmetric Hydroformylation of Vinyl and Allyl Ethers using C₁â€Symmetrical Diphosphite Ligands. Advanced Synthesis and Catalysis, 2010, 352, 463-477.	4.3	49
15	NHC-stabilised Rh nanoparticles: Surface study and application in the catalytic hydrogenation of aromatic substrates. Journal of Catalysis, 2017, 354, 113-127.	6.2	48
16	A phosphine-free Pd catalyst for the selective double carbonylation of aryl iodides. Chemical Communications, 2012, 48, 1695-1697.	4.1	46
17	Aromaticity and homoaromaticity of annulene ring carbomers. New Journal of Chemistry, 2001, 25, 572-580.	2.8	44
18	Robust Zinc Complexes that Contain Pyrrolidineâ€Based Ligands as Recyclable Catalysts for the Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides. ChemCatChem, 2016, 8, 234-243.	3.7	44

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19	Tuning the Selectivity in the Hydrogenation of Aromatic Ketones Catalyzed by Similar Ruthenium and Rhodium Nanoparticles. ChemCatChem, 2014, 6, 3160-3168.	3.7	42
20	The reaction of M(CO)3(Ph2PCH2CH2PPh2) (M = Fe, Ru) with parahydrogen: probing the electronic structure of reaction intermediates and the internal rearrangement mechanism for the dihydride products. Dalton Transactions, 2004, , 3218-3224.	3.3	39
21	Detection of Intermediates in Cobalt-Catalyzed Hydroformylation Using para-Hydrogen-Induced Polarization. Journal of the American Chemical Society, 2005, 127, 4994-4995.	13.7	39
22	Development of silica-supported frustrated Lewis pairs: highly active transition metal-free catalysts for the Z-selective reduction of alkynes. Catalysis Science and Technology, 2016, 6, 882-889.	4.1	39
23	Interplay between Cationic and Neutral Species in the Rhodiumâ€Catalyzed Hydroaminomethylation Reaction. Chemistry - A European Journal, 2012, 18, 7128-7140.	3.3	38
24	DFT exploration of structural and magnetic properties of [n]annulene ring carbomers. Chemical Communications, 2000, , 1833-1834.	4.1	36
25	Pd-catalysed methoxycarbonylation of vinylarenes using chiral monodentate phosphetanes and phospholane as ligands. Effect of substrate substituents on enantioselectivity. Dalton Transactions, 2007, , 5524.	3.3	36
26	Fischerâ€“Tropsch synthesis catalysed by small TiO2 supported cobalt nanoparticles prepared by sodium borohydride reduction. Applied Catalysis A: General, 2016, 513, 39-46.	4.3	34
27	C₁â€Symmetric Diphosphite Ligands Derived from Carbohydrates: Influence of Structural Modifications on the Rhodiumâ€Catalyzed Asymmetric Hydroformylation of Styrene. European Journal of Organic Chemistry, 2009, 2009, 1191-1201.	2.4	33
28	New perspectives in hydroformylation : a para-hydrogen study. Chemical Communications, 2004, , 1826-1827.	4.1	32
29	An outstanding palladium system containing a C2-symmetrical phosphite ligand for enantioselective allylic substitution processes. Chemical Communications, 2008, , 6197.	4.1	30
30	Modular Synthesis of Functionalisable Alkoxyâ€Tethered Nâ€Heterocyclic Carbene Ligands and an Active Catalyst for Buchwaldâ€“Hartwig Aminations. Advanced Synthesis and Catalysis, 2014, 356, 460-474.	4.3	30
31	An NMR study of cobalt-catalyzed hydroformylation using para-hydrogen induced polarisation. Dalton Transactions, 2009, , 2496.	3.3	29
32	Highly Efficient Rhâ€catalysts Immobilised by Ï€â€Ï€ Stacking for the Asymmetric Hydroformylation of Norbornene under Continuous Flow Conditions. ChemCatChem, 2019, 11, 2195-2205.	3.7	29
33	Room temperature asymmetric Pd-catalyzed methoxycarbonylation of norbornene: highly selective catalysis and HP-NMR studies. Dalton Transactions, 2012, 41, 6980.	3.3	27
34	NMR characterisation of unstable solvent and dihydride complexes generated at low temperature by in-situ UV irradiation. Chemical Communications, 2002, , 2836-2837.	4.1	26
35	Coordination Chemistry and Diphenylacetylene Hydrogenation Catalysis of Planar Chiral Ferrocenylphosphane-Thioether Ligands with Cyclooctadieneiridium(I). European Journal of Inorganic Chemistry, 2006, 2006, 1803-1816.	2.0	26
36	Pdâ€Catalysed Monoâ€and Dicarbonylation of Aryl Iodides: Insights into the Mechanism and the Selectivity. Chemistry - A European Journal, 2014, 20, 10982-10989.	3.3	26

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37	On Ring Carbomers of Cyclobutane, Cyclopentane, and Cyclodecane and Cyclization Reactions through Bis(alkynyl-propargyl) Coupling. Chemistry - A European Journal, 2001, 7, 1165-1170.	3.3	25
38	Dipyridylketone binding and subsequent Câ€“C bond insertion reactions at cyclopentadienylrhodium. Chemical Communications, 2003, , 2332-2333.	4.1	24
39	Selective catalytic deuteration of phosphorus ligands using ruthenium nanoparticles: a new approach to gain information on ligand coordination. Chemical Communications, 2015, 51, 16342-16345.	4.1	24
40	A General Oneâ€Pot Methodology for the Preparation of Monoâ€and Bimetallic Nanoparticles Supported on Carbon Nanotubes: Application in the Semiâ€hydrogenation of Alkynes and Acetylene. Chemistry - A European Journal, 2019, 25, 8321-8331.	3.3	24
41	Palladium catalysed alkyne hydrogenation and oligomerisation: a parahydrogen based NMR investigation. Dalton Transactions, 2008, , 4270.	3.3	20
42	A parahydrogen based NMR study of Pt catalysed alkyne hydrogenation. Dalton Transactions, 2010, 39, 3495.	3.3	20
43	Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. Chemical Communications, 2011, 47, 7869.	4.1	20
44	Highly Selective Palladiumâ€Catalysed Aminocarbonylation of Aryl Iodides using a Bulky Diphosphine Ligand. Advanced Synthesis and Catalysis, 2012, 354, 1971-1979.	4.3	20
45	A new approach for the preparation of well-defined Rh and Pt nanoparticles stabilized by phosphine-functionalized silica for selective hydrogenation reactions. Chemical Communications, 2017, 53, 3261-3264.	4.1	19
46	Parahydrogen studies of H2addition to Ir(i) complexes containing chiral phosphineâ€“thioether ligands: implications for catalysis. Dalton Transactions, 2006, , 3350-3359.	3.3	17
47	A mild route to solid-supported rhodium nanoparticle catalysts and their application to the selective hydrogenation reaction of substituted arenes. Catalysis Science and Technology, 2015, 5, 3762-3772.	4.1	17
48	Surface characterisation of phosphine and phosphite stabilised Rh nanoparticles: a model study. RSC Advances, 2015, 5, 97036-97043.	3.6	17
49	Ligand effect in the Rh-NP catalysed partial hydrogenation of substituted arenes. Catalysis Science and Technology, 2013, 3, 2828.	4.1	16
50	Asymmetric Hydroformylation. Topics in Current Chemistry, 2013, 342, 79-115.	4.0	15
51	Unprecedent Chemoâ€and Stereoselective Palladiumâ€Catalysed Methoxycarbonylation of Norbornene. Advanced Synthesis and Catalysis, 2009, 351, 1813-1816.	4.3	14
52	HPâ€NMR Study of the Pdâ€Catalyzed Methoxycarbonylation of Styrene Using Monodentate and Bidentate Phosphaneâ€Modified Systems. European Journal of Inorganic Chemistry, 2008, 2008, 4625-4637.	2.0	13
53	Rhodium-Catalyzed Intermolecular Hydroiminoacylation of Alkenes: Comparison of Neutral and Cationic Catalytic Systems. Organometallics, 2009, 28, 2976-2985.	2.3	13
54	Effect of pH on catalyst activity and selectivity in the aqueous Fischerâ€“Tropsch synthesis catalyzed by cobalt nanoparticles. Catalysis Communications, 2015, 71, 88-92.	3.3	13

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55	Hollow PdAg-CeO2 heterodimer nanocrystals as highly structured heterogeneous catalysts. Scientific Reports, 2019, 9, 18776.	3.3	13
56	Pd-catalysed asymmetric Suzukiâ€“Miyaura reactions using chiral mono- and bidentate phosphorus ligands. Journal of Organometallic Chemistry, 2013, 743, 31-36.	1.8	12
57	Feâ€Catalyzed Olefin Epoxidation with Tridentate Nonâ€Heme Ligands and Hydrogen Peroxide as the Oxidant. ChemCatChem, 2013, 5, 1092-1095.	3.7	12
58	Selective Oxidative Carbonylation of Aniline to Diphenylurea with Ionic Liquids. ChemCatChem, 2018, 10, 2450-2457.	3.7	12
59	Novel Polymer Stabilized Water Soluble Ru-Nanoparticles as Aqueous Colloidal Fischerâ€“Tropsch Catalysts. Topics in Catalysis, 2013, 56, 1208-1219.	2.8	11
60	Correlation between Hydrocarbon Product Distribution and Solvent Composition in the Fischerâ€“Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanoparticles. ACS Catalysis, 2015, 5, 4568-4578.	11.2	11
61	Core-substituted naphthalenediimides anchored on BiVO₄ for visible light-driven water splitting. Green Chemistry, 2017, 19, 2448-2462.	9.0	11
62	Cooperative NHCâ€based Catalytic System Immobilised onto Carbon Materials for the Cycloaddition of CO₂ to Epoxides. ChemCatChem, 2021, 13, 1706-1710.	3.7	11
63	Salcyâ€Naphthalene Cobalt Complexes as Catalysts for the Synthesis of High Molecular Weight Polycarbonates. ChemCatChem, 2017, 9, 3974-3981.	3.7	10
64	Regioselectivity Control in Pd-Catalyzed Telomerization of Isoprene Enabled by Solvent and Ligand Selection. ACS Catalysis, 2020, 10, 11458-11465.	11.2	9
65	Rh-Catalyzed Asymmetric Hydroaminomethylation of Î±-Substituted Acrylamides: Application in the Synthesis of RWAY. Organic Letters, 2020, 22, 9036-9040.	4.6	9
66	Progress in the Selective Semi-hydrogenation of Alkynes by Nanocatalysis. Molecular Catalysis, 2020, , 303-344.	1.3	9
67	Detection of platinum dihydride bisphosphine complexes and studies of their reactivity through para-hydrogen-enhanced NMR methods. Magnetic Resonance in Chemistry, 2008, 46, S107-S114.	1.9	8
68	Effect of polymeric stabilizers on Fischerâ€“Tropsch synthesis catalyzed by cobalt nanoparticles supported on TiO2. Journal of Molecular Catalysis A, 2016, 417, 43-52.	4.8	8
69	A Simple and Versatile Approach for the Fabrication of Paperâ€Based Nanocatalysts: Low Cost, Easy Handling, and Catalyst Recovery. ChemCatChem, 2016, 8, 3041-3044.	3.7	8
70	Asymmetric Hydroformylation Using Rhodium. Topics in Organometallic Chemistry, 2017, , 99-143.	0.7	8
71	Synthesis of Î²^{2,2}â€Amino Esters via Rhâ€Catalysed Regioselective Hydroaminomethylation. Advanced Synthesis and Catalysis, 2019, 361, 4201-4207.	4.3	8
72	Efficient synthesis of chiral Î³-aminobutyric esters via direct rhodium-catalysed enantioselective hydroaminomethylation of acrylates. Catalysis Science and Technology, 2020, 10, 630-634.	4.1	8

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73	Metal complexes bearing ONO ligands as highly active catalysts in carbon dioxide and epoxide coupling reactions. Inorganica Chimica Acta, 2021, 517, 120194.	2.4	8
74	Interception of a Rh(I)â€“Rh(III) dinuclear trihydride complex revealing the dihydrogen activation by [Rh(CO)2{(R,R)-Phâ€“BPE}]. Dalton Transactions, 2012, 41, 3369.	3.3	7
75	Novel Chiral PNNP Ligands with a Pyrrolidine Backbone â€“ Application in the Feâ€Catalyzed Asymmetric Transfer Hydrogenation of Ketones. European Journal of Inorganic Chemistry, 2019, 2019, 4211-4220.	2.0	7
76	Using para hydrogen induced polarization to study steps in the hydroformylation reaction. Dalton Transactions, 2019, 48, 2664-2675.	3.3	7
77	Recyclable supported Pd-NHC catalytic systems for the copper-free Sonogashira cross-coupling in flow. Sustainable Chemistry and Pharmacy, 2018, 9, 69-75.	3.3	6
78	Pd, Cu and Bimetallic PdCu NPs Supported on CNTs and Phosphineâ€Functionalized Silica: Oneâ€Pot Preparation, Characterization and Testing in the Semiâ€Hydrogenation of Alkynes. European Journal of Inorganic Chemistry, 2021, 2021, 4970-4978.	2.0	6
79	Novel Metal Nanoparticles Stabilized with (2R,4R)-2,4-bis(diphenylphosphino) Pentane on SiO2. Their Use as Catalysts in Enantioselective Hydrogenation Reactions. Current Organic Chemistry, 2012, 16, 2754-2762.	1.6	5
80	Effect of the Polymeric Stabilizer in the Aqueous Phase Fischer-Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanocatalysts. Nanomaterials, 2017, 7, 58.	4.1	4
81	Numerical and experimental modelization of the two-phase mixing in a small scale stirred vessel. Journal of Industrial and Engineering Chemistry, 2018, 60, 286-296.	5.8	3
82	Controlled Oneâ€pot Synthesis of PdAg Nanoparticles and Their Application in the Semiâ€hydrogenation of Acetylene in Ethyleneâ€rich Mixtures. ChemNanoMat, 2022, 8, .	2.8	3
83	Heterogeneous palladium SALOPHEN onto porous polymeric microspheres as catalysts for heck reaction. Pure and Applied Chemistry, 2019, 91, 1651-1664.	1.9	2
84	Supported Catalysts. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	1
85	Applications of the Parahydrogen Phenomenon in Inorganic Chemistry. ChemInform, 2004, 35, no.	0.0	0
86	Aromaticity and Homoaromaticity of Annulene Ring Carbomers.. ChemInform, 2001, 32, 29-29.	0.0	0
87	Immobilized chiral rhodium nanoparticles stabilized by chiral P-ligands as efficient catalysts for the enantioselective hydrogenation of 1-phenyl-1,2-propanedione. Molecular Catalysis, 2019, 477, 110551.	2.0	0
88	Evolution in the metal-catalyzed asymmetric hydroformylation of 1,1â€²-disubstituted alkenes. Advances in Catalysis, 2021, 69, 181-215.	0.2	0