

alain Roucoux

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

4,606
citations

34
h-index

66
g-index

124
ext. papers

4,823
ext. citations

5.3
avg, IF

5.35
L-index

#	Paper	IF	Citations
115	New Trends in the Design of Metal Nanoparticles and Derived Nanomaterials for Catalysis 2021 , 1-11		
114	Catalytic Properties of Metal Nanoparticles Confined in Ionic Liquids 2021 , 123-138		0
113	Organometallic Metal Nanoparticles for Catalysis 2021 , 73-97		0
112	Metal Nanoparticles in Polyols: Bottom-up and Top-down Syntheses and Catalytic Applications 2021 , 99-122		4
111	Metal Nanoparticles in Water: A Relevant Toolbox for Green Catalysis 2021 , 43-71		0
110	Selective palladium nanoparticles-catalyzed hydrogenolysis of industrially targeted epoxides in water. <i>Journal of Catalysis</i> , 2021 , 396, 261-268	7.3	1
109	Simulation and optimization of the removal of toluene in air by ozonation with a catalytic open-cell foam. <i>Chemical Engineering Research and Design</i> , 2021 , 168, 453-464	5.5	1
108	Remediation of Diethyl Phthalate in Aqueous Effluents with TiO ₂ -Supported Rh ⁰ Nanoparticles as Multicatalytic Materials. <i>Catalysts</i> , 2021 , 11, 1166	4	
107	Impact of the charge transfer process on the Fe ²⁺ /Fe ³⁺ distribution at Fe ₃ O ₄ magnetic surface induced by deposited Pd clusters. <i>Surface Science</i> , 2021 , 712, 121879	1.8	0
106	Multigram Scale-up of the Selective Hydrogenation of α -Pinene with Ruthenium Nanoparticles in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5985-5993	8.3	6
105	Development of a Sustainable Heterogeneous Catalyst Based on an Open-Cell Glass Foam Support: Application in Gas-Phase Ozone Decomposition. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 2854-2864	8.3	5
104	Novel and Sustainable Catalytic Ruthenium-Doped Glass Foam for Thermocatalytic Oxidation of Volatile Organic Compounds: An Experimental and Modeling Study. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 14758-14766	3.9	3
103	Ruthenium Trichloride Catalyst in Water: Ru Colloids versus Ru Dimer Characterization Investigations. <i>Inorganic Chemistry</i> , 2019 , 58, 4141-4151	5.1	7
102	Catalytic Oxidation Processes for the Upgrading of Terpenes: State-of-the-Art and Future Trends. <i>Catalysts</i> , 2019 , 9, 893	4	7
101	Novel access to verbenone via ruthenium nanoparticles-catalyzed oxidation of α -pinene in neat water. <i>Applied Catalysis A: General</i> , 2018 , 550, 266-273	5.1	17
100	Odyssey in Polyphasic Catalysis by Metal Nanoparticles. <i>Chemical Record</i> , 2016 , 16, 2127-41	6.6	13
99	Active hydrogenation Rh nanocatalysts protected by new self-assembled supramolecular complexes of cyclodextrins and surfactants in water. <i>RSC Advances</i> , 2016 , 6, 108125-108131	3.7	8

98	Water soluble polymer-surfactant complexes-stabilized Pd(0) nanocatalysts: Characterization and structure-activity relationships in biphasic hydrogenation of alkenes and α -unsaturated ketones. <i>Journal of Catalysis</i> , 2016 , 340, 144-153	7.3	18
97	Highly Selective Cycloalkane Oxidation in Water with Ruthenium Nanoparticles. <i>ChemCatChem</i> , 2016 , 8, 357-362	5.2	7
96	Toluene total oxidation over Pd and Au nanoparticles supported on hydroxyapatite. <i>Comptes Rendus Chimie</i> , 2016 , 19, 525-537	2.7	28
95	Magnetically Retrievable Rh(0) Nanocomposite as Relevant Catalyst for Mild Hydrogenation of Functionalized Arenes in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1834-1839	8.3	25
94	Efficient catalytic ozonation by ruthenium nanoparticles supported on SiO ₂ or TiO ₂ : Towards the use of a non-woven fiber paper as original support. <i>Chemical Engineering Journal</i> , 2016 , 289, 374-381	14.7	16
93	Experimental and theoretical evidences of the influence of hydrogen bonding on the catalytic activity of a series of 2-hydroxy substituted quaternary ammonium salts in the styrene oxide/CO ₂ coupling reaction. <i>Journal of Catalysis</i> , 2016 , 333, 29-39	7.3	57
92	From hydroxycetyl ammonium salts to their chiral counterparts. A library of efficient stabilizers of Rh(0) nanoparticles for catalytic hydrogenation in water. <i>Catalysis Today</i> , 2015 , 247, 90-95	5.3	6
91	Magnetically Recoverable Palladium(0) Nanocomposite Catalyst for Hydrogenation Reactions in Water. <i>ChemCatChem</i> , 2015 , 7, 309-315	5.2	34
90	Tunable hydroxylated surfactants: an efficient toolbox towards anisotropic gold nanoparticles. <i>RSC Advances</i> , 2014 , 4, 25875-25879	3.7	8
89	Simple procedure for vacant POM-stabilized palladium (0) nanoparticles in water: structural and dispersive effects of lacunary polyoxometalates. <i>RSC Advances</i> , 2014 , 4, 26491-26498	3.7	22
88	Cyclodextrin-based systems for the stabilization of metallic(0) nanoparticles and their versatile applications in catalysis. <i>Catalysis Today</i> , 2014 , 235, 20-32	5.3	76
87	Organometallic synthesis of water-soluble ruthenium nanoparticles in the presence of sulfonated diphosphines and cyclodextrins. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1675, 219-225		2
86	Calcium trifluoroacetate as an efficient catalyst for ring-opening of epoxides by amines under solvent-free conditions. <i>Acta Chimica Slovenica</i> , 2014 , 61, 67-72	1.9	6
85	From Hydroxyalkylammonium Salts to Protected-Rh(0) Nanoparticles for Catalysis in Water: Comparative Studies of the Polar Heads. <i>Topics in Catalysis</i> , 2013 , 56, 1220-1227	2.3	16
84	Cyclodextrins grafted with chiral amino acids: A promising supramolecular stabilizer of nanoparticles for asymmetric hydrogenation?. <i>Applied Catalysis A: General</i> , 2013 , 467, 497-503	5.1	15
83	New and tunable hydroxylated driving agents for the production of tailor-made gold nanorods. <i>RSC Advances</i> , 2013 , 3, 18292	3.7	9
82	Efficient Ruthenium Nanocatalysts in Liquid-Liquid Biphasic Hydrogenation Catalysis: Towards a Supramolecular Control through a Sulfonated Diphosphine-Cyclodextrin Smart Combination. <i>ChemCatChem</i> , 2013 , 5, 3802-3811	5.2	26
81	Methylated Cyclodextrin-Capped Ruthenium Nanoparticles: Synthesis Strategies, Characterization, and Application in Hydrogenation Reactions. <i>ChemCatChem</i> , 2013 , 5, 1497-1503	5.2	31

80	About the Use of Rhodium Nanoparticles in Hydrogenation and Hydroformylation Reactions. <i>Current Organic Chemistry</i> , 2013 , 17, 364-399	1.7	40
79	Chiral ammonium-capped rhodium(0) nanocatalysts: synthesis, characterization, and advances in asymmetric hydrogenation in neat water. <i>ChemSusChem</i> , 2012 , 5, 91-101	8.3	29
78	PTA-Stabilized Ruthenium and Platinum Nanoparticles: Characterization and Investigation in Aqueous Biphasic Hydrogenation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1229-1233	2.3	50
77	Moving from surfactant-stabilized aqueous rhodium (0) colloidal suspension to heterogeneous magnetite-supported rhodium nanocatalysts: Synthesis, characterization and catalytic performance in hydrogenation reactions. <i>Catalysis Today</i> , 2012 , 183, 124-129	5.3	26
76	Cyclodextrins as growth controlling agents for enhancing the catalytic activity of PVP-stabilized Ru(0) nanoparticles. <i>Chemical Communications</i> , 2012 , 48, 3451-3	5.8	32
75	Metallic Nanoparticles in Neat Water for Catalytic Applications 2012 , 55-95		7
74	Alkyl sulfonated diphosphines-stabilized ruthenium nanoparticles as efficient nanocatalysts in hydrogenation reactions in biphasic media. <i>Catalysis Today</i> , 2012 , 183, 34-41	5.3	36
73	N-donor ligands based on bipyridine and ionic liquids: an efficient partnership to stabilize rhodium colloids. Focus on oxygen-containing compounds hydrogenation. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 13510-7	3.6	35
72	Rh(0) colloids supported on TiO ₂ : a highly active and pertinent tandem in neat water for the hydrogenation of aromatics. <i>Green Chemistry</i> , 2011 , 13, 1766	10	50
71	New ammonium surfactant-stabilized rhodium(0) colloidal suspensions: influence of novel counter-anions on physico-chemical and catalytic properties. <i>Dalton Transactions</i> , 2011 , 40, 6524-31	4.3	47
70	Using click chemistry to access mono- and ditopic cyclodextrin hosts substituted by chiral amino acids. <i>Carbohydrate Research</i> , 2011 , 346, 210-8	2.9	17
69	Chemically modified cyclodextrins as supramolecular tools to generate carbon-supported ruthenium nanoparticles: An application towards gas phase hydrogenation. <i>Applied Catalysis A: General</i> , 2011 , 391, 334-341	5.1	20
68	Tandem dehalogenation/hydrogenation reaction of halogenoarenes as model substrates of endocrine disruptors in water: Rhodium nanoparticles in suspension vs. on silica support. <i>Applied Catalysis A: General</i> , 2011 , 394, 215-219	5.1	24
67	Investigation of the role of stabilizing agent molecules in the heterogeneous nucleation of rhodium(0) nanoparticles onto Al-SBA-15 supports. <i>Studies in Surface Science and Catalysis</i> , 2010 , 145-152	1.8	1.8
66	Ca(CF ₃ COO) ₂ : An efficient Lewis acid catalyst for chemo- and regio-selective enamination of α -dicarbonyl compounds. <i>Catalysis Communications</i> , 2010 , 11, 442-446	3.2	22
65	Noble Metal Nanoparticles Stabilized by Cyclodextrins: A Pertinent Partnership for Catalytic Applications. <i>Current Organic Chemistry</i> , 2010 , 14, 1266-1283	1.7	15
64	TiO ₂ -supported Rh nanoparticles: From green catalyst preparation to application in arene hydrogenation in neat water. <i>Green Chemistry</i> , 2010 , 12, 1167	10	38
63	N-methylephedrium salts as chiral surfactants for asymmetric hydrogenation in neat water with rhodium(0) nanocatalysts. <i>ChemSusChem</i> , 2010 , 3, 1276-9	8.3	15

62	Carbohydrate-derived 1,3-diphosphite ligands as chiral nanoparticle stabilizers: promising catalytic systems for asymmetric hydrogenation. <i>ChemSusChem</i> , 2009 , 2, 769-79	8.3	50
61	Imidazolium-functionalized bipyridine derivatives: a promising family of ligands for catalytical Rh(0) colloids. <i>Tetrahedron Letters</i> , 2009 , 50, 6531-6533	2	35
60	Rhodium colloidal suspension deposition on porous silica particles by dry impregnation: Study of the influence of the reaction conditions on nanoparticles location and dispersion and catalytic reactivity. <i>Chemical Engineering Journal</i> , 2009 , 151, 372-379	14.7	16
59	Catalytically active nanoparticles stabilized by host-guest inclusion complexes in water. <i>Chemical Communications</i> , 2009 , 1228-30	5.8	55
58	Polyhydroxylated ammonium chloride salt: a new efficient surfactant for nanoparticles stabilisation in aqueous media. Characterization and application in catalysis. <i>Dalton Transactions</i> , 2009 , 7356-8	4.3	39
57	Model arenes hydrogenation with silica-supported rhodium nanoparticles: The role of the silica grains and of the solvent on catalytic activities. <i>Catalysis Communications</i> , 2009 , 10, 1235-1239	3.2	26
56	N-(2-hydroxyethyl)ammonium derivatives as protective agents for Pd(0) nanocolloids and catalytic investigation in Suzuki reactions in aqueous media. <i>Catalysis Communications</i> , 2008 , 10, 68-70	3.2	14
55	Diphosphite ligands derived from carbohydrates as stabilizers for ruthenium nanoparticles: promising catalytic systems in arene hydrogenation. <i>Chemical Communications</i> , 2008 , 2759-61	5.8	62
54	A surfactant-assisted preparation of well dispersed rhodium nanoparticles within the mesopores of ALSBA-15: characterization and use in catalysis. <i>Chemical Communications</i> , 2008 , 2920-2	5.8	32
53	Rhodium nanocatalysts stabilized by various bipyridine ligands in nonaqueous ionic liquids: influence of the bipyridine coordination modes in arene catalytic hydrogenation. <i>Inorganic Chemistry</i> , 2008 , 47, 9090-6	5.1	64
52	2-Aminopyridine--a label for bridging of oligosaccharides HPLC profiling and glycoarray printing. <i>Glycoconjugate Journal</i> , 2008 , 25, 11-4	3	7
51	Carbon-supported ruthenium nanoparticles stabilized by methylated cyclodextrins: a new family of heterogeneous catalysts for the gas-phase hydrogenation of arenes. <i>Chemistry - A European Journal</i> , 2008 , 14, 8090-3	4.8	32
50	Rhodium colloidal suspensions stabilised by poly-N-donor ligands in non-aqueous ionic liquids: preliminary investigation into the catalytic hydrogenation of arenes. <i>ChemSusChem</i> , 2008 , 1, 984-7	8.3	31
49	Synthesis of Bipyridine-Stabilized Rhodium Nanoparticles in Non-Aqueous Ionic Liquids: A New Efficient Approach for Arene Hydrogenation with Nanocatalysts. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 153-159	5.6	63
48	Synthesis of new functionalized polymers and their use as stabilizers of Pd, Pt, and Rh nanoparticles. Preliminary catalytic studies. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 2772-2782	2.9	18
47	Nanoheterogeneous Catalytic Hydrogenation of Arenes: Evaluation of the Surfactant-Stabilized Aqueous Ruthenium(0) Colloidal Suspension. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2326-2330	5.6	71
46	Competitive hydrogenation/dehalogenation of halogenoarenes with surfactant-stabilized aqueous suspensions of rhodium and palladium colloids: A major effect of the metal nature. <i>Journal of Molecular Catalysis A</i> , 2007 , 266, 221-225		36
45	Influence of the location of Rh(0) particles within MCM-41 materials on the selectivity of hydrogenation reactions. <i>Studies in Surface Science and Catalysis</i> , 2007 , 165, 729-732	1.8	

44	Methylated cyclodextrins: an efficient protective agent in water for zerovalent ruthenium nanoparticles and a supramolecular shuttle in alkene and arene hydrogenation reactions. <i>Dalton Transactions</i> , 2007 , 5714-9	4.3	61
43	A simple and reproducible method for the synthesis of silica-supported rhodium nanoparticles and their investigation in the hydrogenation of aromatic compounds. <i>New Journal of Chemistry</i> , 2006 , 30, 1214-1219	3.6	67
42	Supramolecular shuttle and protective agent: a multiple role of methylated cyclodextrins in the chemoselective hydrogenation of benzene derivatives with ruthenium nanoparticles. <i>Chemical Communications</i> , 2006 , 296-8	5.8	78
41	Reduced forms of Rh(III) containing MCM-41 silicas as hydrogenation catalysts for arene derivatives. <i>Journal of Molecular Catalysis A</i> , 2006 , 259, 91-98		33
40	Organic phase stabilization of rhodium nanoparticle catalyst by direct phase transfer from aqueous solution to room temperature ionic liquid based on surfactant counter anion exchange. <i>Chemical Communications</i> , 2005 , 2838-9	5.8	38
39	Development and biodistribution of ¹⁸⁸ Re-SSS lipiodol following injection into the hepatic artery of healthy pigs. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004 , 31, 542-6	8.8	28
38	Surfactant-Stabilized Aqueous Iridium(0) Colloidal Suspension: An Efficient Reusable Catalyst for Hydrogenation of Arenes in Biphasic Media. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 72-76	5.6	109
37	Nanoheterogeneous catalytic hydrogenation of N-, O- or S-heteroaromatic compounds by re-usable aqueous colloidal suspensions of rhodium(0). <i>Inorganica Chimica Acta</i> , 2004 , 357, 3099-3103	2.7	36
36	Enantioselective hydrogenation of ethyl pyruvate in biphasic liquid-liquid media by reusable surfactant-stabilized aqueous suspensions of platinum nanoparticles. <i>Journal of Catalysis</i> , 2004 , 225, 1-6	7.3	42
35	Development of ^{99m} Tc labelled Lipiodol: biodistribution following injection into the hepatic artery of the healthy pig. <i>Nuclear Medicine Communications</i> , 2004 , 25, 291-7	1.6	14
34	Synthesis and characterization of new ^{99m} Tc-radiopharmaceuticals with dithiobenzoate derivatives for the study of septic inflammatory processes. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003 , 46, 319-331	1.9	6
33	Arene Hydrogenation with a Stabilised Aqueous Rhodium(0) Suspension: A Major Effect of the Surfactant Counter-Anion. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 222-229	5.6	111
32	Reduced Transition Metal Colloids: A Novel Family of Reusable Catalysts?. <i>ChemInform</i> , 2003 , 34, no		1
31	Aqueous Rhodium Colloidal Suspension in Reduction of Arene Derivatives in Biphasic System: a Significant Physico-chemical Role of Surfactant Concentration on Catalytic Activity. <i>Advanced Synthesis and Catalysis</i> , 2002 , 344, 266-269	5.6	49
30	Sensory and motor attentional modulation during the manual gap effect in humans: a high-density ERP study. <i>Experimental Brain Research</i> , 2002 , 142, 385-94	2.3	7
29	Novel six-coordinate oxorhenium(V) B+2 mixed-ligand complexes carrying the SNO/SN donor atom set. <i>Inorganica Chimica Acta</i> , 2002 , 332, 30-36	2.7	16
28	Reduced transition metal colloids: a novel family of reusable catalysts?. <i>Chemical Reviews</i> , 2002 , 102, 3757-78	68.1	1664
27	Synthesis and characterization of the "sulfur-rich" bis(perthiobenzoato)(dithiobenzoato)technetium(III) heterocomplex. <i>Inorganic Chemistry</i> , 2002 , 41, 598-601	5.1	33

26	Chelated hydrazido(3-)-rhenium(V) complexes: on the way to the nitrido-M(V) core (M = Tc, Re). <i>Inorganic Chemistry</i> , 2002 , 41, 1591-7	5.1	6
25	Synthesis, properties and spectroscopic studies of rhenium(V) complexes stabilized by tridentate Schiff bases derived from S-methyl dithiocarbamate. <i>Dalton Transactions RSC</i> , 2001 , 3603-3610		17
24	Stabilized rhodium(0) nanoparticles: a reusable hydrogenation catalyst for arene derivatives in a biphasic water-liquid system. <i>Chemistry - A European Journal</i> , 2000 , 6, 618-24	4.8	158
23	Stabilized Rhodium(0) Nanoparticles: A Reusable Hydrogenation Catalyst for Arene Derivatives in a Biphasic Water-Liquid System 2000 , 6, 618		3
22	The complex [ReO{HNN(CH ₃)CS ₂ CH ₃ } ₂]Cl, a suitable precursor for the preparation of bis(dithiocarbamate)nitridorhenium(V) species. <i>Journal of Organometallic Chemistry</i> , 1999 , 575, 145-148 ^{2,3}		7
21	Synthesis and characterization of the bis(trithioperoxybenzoate)(dithiobenzoate)rhenium(III) hetero complex. <i>Inorganic Chemistry Communication</i> , 1999 , 2, 230-233	3.1	15
20	Synthesis, spectroscopic studies and molecular structure of original halogeno-[S-methyl 3-(2-hydroxyphenylethylidene)dithiocarbato]oxorhenium(V) complexes. <i>Polyhedron</i> , 1999 , 18, 2537-2541 ^{2,7}		8
19	The Solubility of Some Azafullerene Derivatives. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1999 , 7, 757-768		
18	Unprecedented efficient hydrogenation of arenes in biphasic liquid-liquid catalysis by re-usable aqueous colloidal suspensions of rhodium. <i>Chemical Communications</i> , 1999 , 535-536	5.8	79
17	Studies of technetium-99m nitridobisdithiocarboxylate leucocyte specific radiopharmaceutical: [99mTcN(DTCX) ₂], DTCX = CH ₃ (CH ₂) ₈ CS ₂ . The cellular and subcellular distribution in human blood cells, and chemical behaviour. Synthesis of the analogous rhenium-188 radiopharmaceutical. <i>Nuclear Medicine and Biology</i> , 1999 , 26, 225-31	2.1	6
16	Ruthenium colloids: A new catalyst for alkane oxidation by tBHP in a biphasic water-organic phase system. <i>Tetrahedron Letters</i> , 1998 , 39, 1353-1356	2	26
15	Synthesis, characterization and blood cell labelling evaluation of new 99mTc nitrido radiopharmaceuticals with thioamide [R ₁ C(=S)NHR ₂] derivatives. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1998 , 41, 863-869	1.9	4
14	Rhenium-188 and technetium-99m nitridobis(N-ethoxy-N-ethylthiocarbamate) leucocyte labelling radiopharmaceuticals: [188ReN(NOET) ₂] and [99mTcN(NOET) ₂], NOET = Et(EtO)NCS ₂ : their in vitro localization and chemical behaviour. <i>Nuclear Medicine and Biology</i> , 1997 , 24, 701-5	2.1	14
13	Catalytic carbon-carbon coupling reaction in biphasic liquid-liquid systems: Mechanistic aspects in vitamin E precursor synthesis. <i>Applied Catalysis A: General</i> , 1997 , 156, 347-357	5.1	7
12	Importance of counter-ion nature in aryl sulfonated ligands: An improvement in two-phase catalysis. <i>Journal of Molecular Catalysis A</i> , 1997 , 118, 153-159		9
11	New bis(dithiocarboxylato) nitridotechnetium-99m radiopharmaceuticals for leucocyte labelling: in vitro and in vivo studies. <i>Nuclear Medicine and Biology</i> , 1997 , 24, 439-45	2.1	4
10	AmidophosphinePhosphinites: Synthesis and Use in Rhodium-Based Asymmetric Hydrogenation of Activated Keto Compounds. Crystal Structure of Bis[(Etchloro)((S)-2-((diphenylphosphino)oxy)-2-phenyl-N-(diphenylphosphino)-N-methylacetamide)rhodium(I)]. <i>Organometallics</i> , 1996 , 15, 2440-2449	3.8	54
9	Rhodium(I) bis(aminophosphane) complexes as catalysts for asymmetric hydrogenation of activated ketones. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 379-382		20

8	Synthesis of new hydrophilic phosphines by addition of diphenylphosphine on activated alkenes: characterization of their rhodium complexes. <i>Journal of Organometallic Chemistry</i> , 1996 , 509, 9-14	2.3	17
7	Catalytic Synthesis of (R) and (S) citronellol by homogeneous hydrogenation over amidophosphinephosphinite and diaminephosphine rhodium complexes. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 369-370		14
6	Highly Efficient Asymmetric Hydrogenation of Activated and Unactivated Ketones Catalyzed by Rhodium(I) Aminophosphine- and Amidophosphine-Phosphinite Complexes. Beneficial Effect of the Non Chiral Ligand. <i>Synlett</i> , 1995 , 1995, 358-360	2.2	35
5	New alkylarylamidophosphinephosphinites as chiral diphosphines for asymmetric hydrogenation of activated keto compounds. <i>Tetrahedron: Asymmetry</i> , 1993 , 4, 2279-2282		35
4	Rhodium and Ruthenium Nanoparticles in Catalysis		349-388 4
3	Homogeneous Hydrogenation: Colloids Hydrogenation with Noble Metal Nanoparticles		217-256 261-279
2	Stabilized Noble Metal Nanoparticles: An Unavoidable Family of Catalysts for Arene Derivative Hydrogenation		261-279
1	CHAPTER 6: Ammonium Surfactant-capped Rh(0) Nanoparticles for Biphasic Hydrogenation. <i>RSC Catalysis Series</i> , 99-111	0.3	3