

alain Roucoux

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115
papers

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h-index

66
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124
ext. papers

4,823
ext. citations

5.3
avg, IF

5.35
L-index

#	Paper	IF	Citations
115	Reduced transition metal colloids: a novel family of reusable catalysts?. <i>Chemical Reviews</i> , 2002 , 102, 3757-78	68.1	1664
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	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
101	Catalytically active nanoparticles stabilized by host-guest inclusion complexes in water. <i>Chemical Communications</i> , 2009 , 1228-30	5.8	55
100	Amidophosphine-Phosphinites: Synthesis and Use in Rhodium-Based Asymmetric Hydrogenation of Activated Keto Compounds. Crystal Structure of Bis[(E)chloro)((S)-2-((diphenylphosphino)oxy)-2-phenyl-N-(diphenylphosphino)-N-methylacetamide)rhodium(I)]. <i>Organometallics</i> , 1996 , 15, 2440-2449	3.8	54
99	PTA-Stabilized Ruthenium and Platinum Nanoparticles: Characterization and Investigation in Aqueous Biphasic Hydrogenation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1229-1236	2.3	50

98	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
97	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
96	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
95	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
94	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
93	About the Use of Rhodium Nanoparticles in Hydrogenation and Hydroformylation Reactions. <i>Current Organic Chemistry</i> , 2013 , 17, 364-399	1.7	40
92	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
91	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
90	Stabilized Noble Metal Nanoparticles: An Unavoidable Family of Catalysts for Arene Derivative Hydrogenation	261	279
89	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
88	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
87	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
86	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
85	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
84	Imidazolium-functionalized bipyridine derivatives: a promising family of ligands for catalytical Rh(0) colloids. <i>Tetrahedron Letters</i> , 2009 , 50, 6531-6533	2	35
83	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
82	New alkylarylamidophosphinephosphinites as chiral diphosphines for asymmetric hydrogenation of activated keto compounds. <i>Tetrahedron: Asymmetry</i> , 1993 , 4, 2279-2282		35
81	Magnetically Recoverable Palladium(0) Nanocomposite Catalyst for Hydrogenation Reactions in Water. <i>ChemCatChem</i> , 2015 , 7, 309-315	5.2	34

- 80 Reduced forms of Rh(III) containing MCM-41 silicas as hydrogenation catalysts for arene derivatives. *Journal of Molecular Catalysis A*, **2006**, 259, 91-98 33
- 79 Synthesis and characterization of the "sulfur-rich" bis(perthiobenzoato)(dithiobenzoato)technetium(III) heterocomplex. *Inorganic Chemistry*, **2002**, 41, 598-601 33
- 78 Cyclodextrins as growth controlling agents for enhancing the catalytic activity of PVP-stabilized Ru(0) nanoparticles. *Chemical Communications*, **2012**, 48, 3451-3 5.8 32
- 77 A surfactant-assisted preparation of well dispersed rhodium nanoparticles within the mesopores of ALSBA-15: characterization and use in catalysis. *Chemical Communications*, **2008**, 2920-2 5.8 32
- 76 Carbon-supported ruthenium nanoparticles stabilized by methylated cyclodextrins: a new family of heterogeneous catalysts for the gas-phase hydrogenation of arenes. *Chemistry - A European Journal*, **2008**, 14, 8090-3 4.8 32
- 75 Methylated β -Cyclodextrin-Capped Ruthenium Nanoparticles: Synthesis Strategies, Characterization, and Application in Hydrogenation Reactions. *ChemCatChem*, **2013**, 5, 1497-1503 5.2 31
- 74 Rhodium colloidal suspensions stabilised by poly-N-donor ligands in non-aqueous ionic liquids: preliminary investigation into the catalytic hydrogenation of arenes. *ChemSusChem*, **2008**, 1, 984-7 8.3 31
- 73 Chiral ammonium-capped rhodium(0) nanocatalysts: synthesis, characterization, and advances in asymmetric hydrogenation in neat water. *ChemSusChem*, **2012**, 5, 91-101 8.3 29
- 72 Toluene total oxidation over Pd and Au nanoparticles supported on hydroxyapatite. *Comptes Rendus Chimie*, **2016**, 19, 525-537 2.7 28
- 71 Development and biodistribution of ^{188}Re -SSS lipiodol following injection into the hepatic artery of healthy pigs. *European Journal of Nuclear Medicine and Molecular Imaging*, **2004**, 31, 542-6 8.8 28
- 70 Efficient Ruthenium Nanocatalysts in Liquid-Liquid Biphasic Hydrogenation Catalysis: Towards a Supramolecular Control through a Sulfonated Diphosphine-Cyclodextrin Smart Combination. *ChemCatChem*, **2013**, 5, 3802-3811 5.2 26
- 69 Moving from surfactant-stabilized aqueous rhodium (0) colloidal suspension to heterogeneous magnetite-supported rhodium nanocatalysts: Synthesis, characterization and catalytic performance in hydrogenation reactions. *Catalysis Today*, **2012**, 183, 124-129 5.3 26
- 68 Model arenes hydrogenation with silica-supported rhodium nanoparticles: The role of the silica grains and of the solvent on catalytic activities. *Catalysis Communications*, **2009**, 10, 1235-1239 3.2 26
- 67 Ruthenium colloids: A new catalyst for alkane oxidation by tBHP in a biphasic water-organic phase system. *Tetrahedron Letters*, **1998**, 39, 1353-1356 2 26
- 66 Magnetically Retrievable Rh(0) Nanocomposite as Relevant Catalyst for Mild Hydrogenation of Functionalized Arenes in Water. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 1834-1839 8.3 25
- 65 Tandem dehalogenation-hydrogenation reaction of halogenoarenes as model substrates of endocrine disruptors in water: Rhodium nanoparticles in suspension vs. on silica support. *Applied Catalysis A: General*, **2011**, 394, 215-219 5.1 24
- 64 Simple procedure for vacant POM-stabilized palladium (0) nanoparticles in water: structural and dispersive effects of lacunary polyoxometalates. *RSC Advances*, **2014**, 4, 26491-26498 3.7 22
- 63 $\text{Ca}(\text{CF}_3\text{COO})_2$: An efficient Lewis acid catalyst for chemo- and regio-selective enamination of Edicarbonyl compounds. *Catalysis Communications*, **2010**, 11, 442-446 3.2 22

62	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
61	Rhodium(I) bis(aminophosphane) complexes as catalysts for asymmetric hydrogenation of activated ketones. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 379-382		20
60	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
59	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
58	Using click chemistry to access mono- and ditopic β -cyclodextrin hosts substituted by chiral amino acids. <i>Carbohydrate Research</i> , 2011 , 346, 210-8	2.9	17
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	β -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
49	Noble Metal Nanoparticles Stabilized by Cyclodextrins: A Pertinent Partnership for Catalytic Applications. <i>Current Organic Chemistry</i> , 2010 , 14, 1266-1283	1.7	15
48	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
47	Synthesis and characterization of the bis(trithioperoxybenzoate)(dithiobenzoate)rhenium(III) hetero complex. <i>Inorganic Chemistry Communication</i> , 1999 , 2, 230-233	3.1	15
46	Rhenium-188 and technetium-99m nitridobis(N-ethoxy-N-ethylthiocarbamate) leucocyte labelling radiopharmaceuticals: [¹⁸⁸ ReN(NOET) ₂] and [^{99m} TcN(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
45	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

44	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
43	Catalytic Synthesis of (R) and (S) citronellol by homogeneous hydrogenation over amidophosphinephosphinite and diaminodiphosphine rhodium complexes. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 369-370		14
42	Odyssey in Polyphasic Catalysis by Metal Nanoparticles. <i>Chemical Record</i> , 2016 , 16, 2127-41	6.6	13
41	New and tunable hydroxylated driving agents for the production of tailor-made gold nanorods. <i>RSC Advances</i> , 2013 , 3, 18292	3.7	9
40	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
39	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
38	Tunable hydroxylated surfactants: an efficient toolbox towards anisotropic gold nanoparticles. <i>RSC Advances</i> , 2014 , 4, 25875-25879	3.7	8
37	Synthesis, spectroscopic studies and molecular structure of original halogeno-[S-methyl 3-(2-hydroxyphenylethylidene)dithiocarbazato]oxorhenium(V) complexes. <i>Polyhedron</i> , 1999 , 18, 2537-2541	2.7	8
36	Ruthenium Trichloride Catalyst in Water: Ru Colloids versus Ru Dimer Characterization Investigations. <i>Inorganic Chemistry</i> , 2019 , 58, 4141-4151	5.1	7
35	Highly Selective Cycloalkane Oxidation in Water with Ruthenium Nanoparticles. <i>ChemCatChem</i> , 2016 , 8, 357-362	5.2	7
34	Metallic Nanoparticles in Neat Water for Catalytic Applications 2012 , 55-95		7
33	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
32	2-Aminopyridine--a label for bridging of oligosaccharides HPLC profiling and glycoarray printing. <i>Glycoconjugate Journal</i> , 2008 , 25, 11-4	3	7
31	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
30	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
29	Catalytic Oxidation Processes for the Upgrading of Terpenes: State-of-the-Art and Future Trends. <i>Catalysts</i> , 2019 , 9, 893	4	7
28	From hydroxycetylammonium 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
27	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

26	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
25	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
24	Studies of technetium-99m nitridobisdithiocarboxylate leucocyte specific radiopharmaceutical: [^{99m} TcN(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
23	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
22	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
21	Synthesis, characterization and blood cell labelling evaluation of new ^{99m} Tc 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
20	Rhodium and Ruthenium Nanoparticles in Catalysis		4
19	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
18	Metal Nanoparticles in Polyols: Bottom-up and Top-down Syntheses and Catalytic Applications		4
17	CHAPTER 6: Ammonium Surfactant-capped Rh(0) Nanoparticles for Biphasic Hydrogenation. <i>RSC Catalysis Series</i> , 99-111	0.3	3
16	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
15	Stabilized Rhodium(0) Nanoparticles: A Reusable Hydrogenation Catalyst for Arene Derivatives in a Biphasic Water-Liquid System		3
14	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
13	Reduced Transition Metal Colloids: A Novel Family of Reusable Catalysts?. <i>ChemInform</i> , 2003 , 34, no		1
12	Selective palladium nanoparticles-catalyzed hydrogenolysis of industrially targeted epoxides in water. <i>Journal of Catalysis</i> , 2021 , 396, 261-268	7.3	1
11	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
10	Catalytic Properties of Metal Nanoparticles Confined in Ionic Liquids		0
9	Organometallic Metal Nanoparticles for Catalysis		0

- 8 Metal Nanoparticles in Water: A Relevant Toolbox for Green Catalysis **2021**, 43-71 ○
- 7 Impact of the charge transfer process on the Fe²⁺/Fe³⁺ distribution at Fe₃O₄ magnetic surface induced by deposited Pd clusters. *Surface Science*, **2021**, 712, 121879 1.8 ○
- 6 Investigation of the role of stabilizing agent molecules in the heterogeneous nucleation of rhodium(0) nanoparticles onto Al-SBA-15 supports. *Studies in Surface Science and Catalysis*, **2010**, 145-152^{1.8}
- 5 Homogeneous Hydrogenation: Colloids [Hydrogenation with Noble Metal Nanoparticles] 217-256
- 4 Influence of the location of Rh(0) particles within MCM-41 materials on the selectivity of hydrogenation reactions. *Studies in Surface Science and Catalysis*, **2007**, 165, 729-732 1.8
- 3 The Solubility of Some Azafullerene Derivatives. *Fullerenes, Nanotubes, and Carbon Nanostructures*, **1999**, 7, 757-768
- 2 New Trends in the Design of Metal Nanoparticles and Derived Nanomaterials for Catalysis **2021**, 1-11
- 1 Remediation of Diethyl Phthalate in Aqueous Effluents with TiO₂-Supported Rh⁰ Nanoparticles as Multicatalytic Materials. *Catalysts*, **2021**, 11, 1166 4