Antonio Guerrero-Ruiz

List of Publications by Year
in descending order

293 papers	9,210 citations	41344 49 h-index	69250 77 g-index
301 all docs	301 docs citations	301 times ranked	8730 citing authors

#	Article	IF	Citations
1	Efficient nickel and copper-based catalysts supported on modified graphite materials for the hydrogen production from formic acid decomposition. Applied Catalysis A: General, 2022, 629, 118419.	4.3	18
2	Promotion of Ru or Ni on Alumina Catalysts with a Basic Metal for CO2 Hydrogenation: Effect of the Type of Metal (Na, K, Ba). Nanomaterials, 2022, 12, 1052.	4.1	6
3	Tandem catalysts for the selective hydrogenation of butadiene with hydrogen generated from the decomposition of formic acid. Chemical Communications, 2021, 57, 6479-6482.	4.1	3
4	Carbothermally generated copperâ€“molybdenum carbide supported on graphite for the CO₂ hydrogenation to methanol. Catalysis Science and Technology, 2021, 11, 4051-4059.	4.1	7
5	Preparation, Characterization, and Activity of Pd/PSS-Modified Membranes in the Low Temperature Dry Reforming of Methane with and without Addition of Extra Steam. Membranes, 2021, 11, 518.	3.0	1
6	Study of the Interaction of an Iron Phthalocyanine Complex over Surface Modified Carbon Nanotubes. Materials, 2021, 14, 4067.	2.9	4
7	Tunable selectivity of Ni catalysts in the hydrogenation reaction of 5-hydroxymethylfurfural in aqueous media: Role of the carbon supports. Carbon, 2021, 182, 265-275.	10.3	28
8	Evaluation of graphenic and graphitic materials on the adsorption of Triton X-100 from aqueous solution. Environmental Pollution, 2021, 284, 117161.	7.5	3
9	Effect of N-doping and carbon nanostructures on NiCu particles for hydrogen production from formic acid. Applied Catalysis B: Environmental, 2021, 298, 120604.	20.2	18
10	Ru nanoparticles supported on N-doped reduced graphene oxide as valuable catalyst for the selective aerobic oxidation of benzyl alcohol. Catalysis Today, 2020, 357, 8-14.	4.4	30
11	Tracking the paths for the sucrose transformations over bifunctional Ru-POM/AC catalysts. Catalysis Today, 2020, 357, 113-121.	4.4	4
12	Optimization of Cu-Ni-Mn-catalysts for the conversion of ethanol to butanol. Catalysis Today, 2020, 357, 132-142.	4.4	13
13	Effect of Mo promotion on the activity and selectivity of Ru/Graphite catalysts for Fischer-Tropsch synthesis. Catalysis Today, 2020, 357, 185-192.	4.4	6
14	Cu and Pd nanoparticles supported on a graphitic carbon material as bifunctional HER/ORR electrocatalysts. Catalysis Today, 2020, 357, 279-290.	4.4	31
15	Taking advantage of sulfur impurities present in commercial carbon nanofibers to generate selective palladium catalysts. Carbon, 2020, 157, 120-129.	10.3	5
16	Reductive degradation of 2,4-dichlorophenoxyacetic acid using Pd/carbon with bifunctional mechanism. Catalysis Today, 2020, 357, 361-367.	4.4	11
17	Effect of Cu and Cs in the Î²-Mo2C System for CO2 Hydrogenation to Methanol. Catalysts, 2020, 10, 1213.	3.5	18
18	Selective hydrogen production from formic acid decomposition over Mo carbides supported on carbon materials. Catalysis Science and Technology, 2020, 10, 6790-6799.	4.1	22

#	Article	IF	Citations
19	Comparative Study of Different Acidic Surface Structures in Solid Catalysts Applied for the Isobutene Dimerization Reaction. Nanomaterials, 2020, 10, 1235.	4.1	10
20	Application of New Nanoparticle Structures as Catalysts. Nanomaterials, 2020, 10, 1686.	4.1	0
21	Continuous Catalytic Condensation of Ethanol into 1-Butanol: The Role of Metallic Oxides (M = MgO,) Tj ETQq1 1 0.784314 rgBT /Ov 59, 16626-16636.	3.7	12
22	Comparison of Pd and Pd4S based catalysts for partial hydrogenation of external and internal butynes. Journal of Catalysis, 2020, 383, 51-59.	6.2	17
23	Direct sulfation of a Zr-based metal-organic framework to attain strong acid catalysts. Microporous and Mesoporous Materials, 2019, 290, 109686.	4.4	24
24	Cu-based N-doped/undoped graphene nanocomposites as electrocatalysts for the oxygen reduction. Journal of Applied Electrochemistry, 2019, 49, 693-703.	2.9	3
25	Comparative study of Cu, Ag and Ag-Cu catalysts over graphite in the ethanol dehydrogenation reaction: Catalytic activity, deactivation and regeneration. Applied Catalysis A: General, 2019, 576, 54-64.	4.3	28
26	Upgrading the Properties of Reduced Graphene Oxide and Nitrogen-Doped Reduced Graphene Oxide Produced by Thermal Reduction toward Efficient ORR Electrocatalysts. Nanomaterials, 2019, 9, 1761.	4.1	20
27	Effect of different promoter precursors in a model Ru-Cs/graphite system on the catalytic selectivity for Fischer-Tropsch reaction. Applied Surface Science, 2018, 447, 307-314.	6.1	8
28	Difference in the deactivation of Au catalysts during ethanol transformation when supported on ZnO and on TiO₂. RSC Advances, 2018, 8, 7473-7485.	3.6	8
29	Effect of surface, structural and textural properties of graphenic materials over cooperative and synergetic adsorptions of two chloroaromatic compounds from aqueous solution. Catalysis Today, 2018, 301, 104-111.	4.4	20
30	Promoter effect of alkalis on CuO/CeO 2 /carbon nanotubes systems for the PROx reaction. Catalysis Today, 2018, 301, 141-146.	4.4	17
31	Cooperative action of heteropolyacids and carbon supported Ru catalysts for the conversion of cellulose. Catalysis Today, 2018, 301, 65-71.	4.4	39
32	When the nature of surface functionalities on modified carbon dominates the dispersion of palladium hydrogenation catalysts. Catalysis Today, 2018, 301, 248-257.	4.4	20
33	Solid-state ion exchange of ammonium heptamolybdate tetrahydrate into ZSM-5 zeolite. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1295-1306.	3.6	5
34	Polyoxotungstate@Carbon Nanocomposites As Oxygen Reduction Reaction (ORR) Electrocatalysts. Langmuir, 2018, 34, 6376-6387.	3.5	41
35	Fructose Transformations in Ethanol using Carbon Supported Polyoxometalate Acidic Solids for 5â€Ethoxymethylfurfural Production. ChemCatChem, 2018, 10, 3746-3753.	3.7	10
36	Continuous Gasâ€Phase Condensation of Bioethanol to 1â€Butanol over Bifunctional Pd/Mg and Pd/Mgâ€“Carbon Catalysts. ChemSusChem, 2018, 11, 3502-3511.	6.8	14

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37	Optimization of ruthenium based catalysts for the aqueous phase hydrogenation of furfural to furfuryl alcohol. Applied Catalysis A: General, 2018, 563, 177-184.	4.3	45
38	New Insights in the Development of Carbon Supported Ruthenium Catalysts for Hydrogenation of Levulinic Acid. Current Catalysis, 2018, 7, 129-137.	0.5	3
39	Multifunctional mixed valence N-doped CNT@MFe₂O₄ hybrid nanomaterials: from engineered one-pot coprecipitation to application in energy storage paper supercapacitors. Nanoscale, 2018, 10, 12820-12840.	5.6	26
40	Effect of the metal precursor on the catalytic performance of the Ru/KL system for the ethanol transformation reactions. Applied Catalysis A: General, 2017, 535, 61-68.	4.3	4
41	Comparative study of three heteropolyacids supported on carbon materials as catalysts for ethylene production from bioethanol. Catalysis Science and Technology, 2017, 7, 1892-1901.	4.1	39
42	Solidâ€“state ion exchange of molybdenum (VI) acetylacetonate into ZSM-5 zeolite. Thermochimica Acta, 2017, 652, 150-159.	2.7	8
43	Light hydrocarbons ammoxidation into acetonitrile over Moâ€“ZSM-5 catalysts: Effect of molybdenum precursor. Microporous and Mesoporous Materials, 2017, 241, 246-257.	4.4	16
44	Effect of surfactant concentration on the morphology of Mo_xS_y nanoparticles prepared by a solvothermal route. Green Processing and Synthesis, 2017, 6, 161-171.	3.4	4
45	Selective hydrogenation of mixed alkyne/alkene streams at elevated pressure over a palladium sulfide catalyst. Journal of Catalysis, 2017, 355, 40-52.	6.2	56
46	Direct catalytic effect of nitrogen functional groups exposed on graphenic materials when acting cooperatively with Ru nanoparticles. RSC Advances, 2017, 7, 44568-44577.	3.6	14
47	Elucidation of the solid-state ion exchange mechanism of MoCl5 into ZSM-5 zeolite. Thermochimica Acta, 2017, 655, 269-277.	2.7	4
48	Understanding the role of oxygen surface groups: The key for a smart ruthenium-based carbon-supported heterogeneous catalyst design and synthesis. Applied Catalysis A: General, 2017, 544, 66-76.	4.3	15
49	PMo11V@N-CNT electrochemical properties and its application as electrochemical sensor for determination of acetaminophen. Journal of Solid State Electrochemistry, 2017, 21, 1059-1068.	2.5	16
50	Development of highly efficient Cu versus Pd catalysts supported on graphitic carbon materials for the reduction of 4-nitrophenol to 4-aminophenol at room temperature. Carbon, 2017, 111, 150-161.	10.3	54
51	Palladium sulphide â€“ A highly selective catalyst for the gas phase hydrogenation of alkynes to alkenes. Journal of Catalysis, 2016, 340, 10-16.	6.2	96
52	The promoter effect of potassium in CuO/CeO₂ systems supported on carbon nanotubes and graphene for the CO-PROX reaction. Catalysis Science and Technology, 2016, 6, 6118-6127.	4.1	34
53	Surface properties of amphiphilic carbon nanotubes and study of their applicability as basic catalysts. RSC Advances, 2016, 6, 54293-54298.	3.6	12
54	Time-Resolved XAS Investigation of the Local Environment and Evolution of Oxidation States of a Fischerâ€“Tropsch Ruâ€“Cs/C Catalyst. ACS Catalysis, 2016, 6, 1437-1445.	11.2	23

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55	Ammoxidation of ethylene to acetonitrile over vanadium and molybdenum supported zeolite catalysts prepared by solid-state ion exchange. Journal of Molecular Catalysis A, 2016, 416, 127-139.	4.8	13
56	Bioethanol dehydrogenation over copper supported on functionalized graphene materials and a high surface area graphite. Carbon, 2016, 102, 426-436.	10.3	40
57	H2/D2 isotopic exchange: A tool to characterize complex hydrogen interaction with carbon-supported ruthenium catalysts. Catalysis Today, 2016, 259, 9-18.	4.4	13
58	Ammoxidation of C 2 hydrocarbons over Moâ€“zeolite catalysts prepared by solid-state ion exchange: Nature of molybdenum species. Microporous and Mesoporous Materials, 2016, 219, 77-86.	4.4	16
59	Efficient hydrogen production from glycerol by steam reforming with carbon supported ruthenium catalysts. Carbon, 2016, 96, 578-587.	10.3	32
60	Comparative study of bioethanol transformation catalyzed by Ru or Pt nanoparticles supported on KL zeolite. Catalysis Science and Technology, 2016, 6, 521-529.	4.1	6
61	Role of Exposed Surfaces on Zinc Oxide Nanostructures in the Catalytic Ethanol Transformation. ChemSusChem, 2015, 8, 2223-2230.	6.8	17
62	Adsorption of emerging pollutants on functionalized multiwall carbon nanotubes. Chemosphere, 2015, 136, 174-180.	8.2	88
63	Comparative study of the hydrogenolysis of glycerol over Ru-based catalysts supported on activated carbon, graphite, carbon nanotubes and KL-zeolite. Chemical Engineering Journal, 2015, 262, 326-333.	12.7	59
64	Selective 1,3-butadiene hydrogenation by gold nanoparticles on novel nano-carbon materials. Catalysis Today, 2015, 249, 117-126.	4.4	17
65	Improved performance of carbon nanofiber-supported palladium particles in the selective 1,3-butadiene hydrogenation: Influence of carbon nanostructure, support functionalization treatment and metal precursor. Catalysis Today, 2015, 249, 63-71.	4.4	26
66	Hydrocarbons adsorption on metal trimesate MOFs: Inverse gas chromatography and immersion calorimetry studies. Thermochimica Acta, 2015, 602, 36-42.	2.7	12
67	Detecting the Genesis of a High-Performance Carbon-Supported Pd Sulfide Nanophase and Its Evolution in the Hydrogenation of Butadiene. ACS Catalysis, 2015, 5, 5235-5241.	11.2	38
68	Facile solvothermal synthesis of bimetallic CoMoS2 and NiMoS2 nanospheres. Green Processing and Synthesis, 2015, 4, .	3.4	0
69	MnFe2O4@CNT-N as novel electrochemical nanosensor for determination of caffeine, acetaminophen and ascorbic acid. Sensors and Actuators B: Chemical, 2015, 218, 128-136.	7.8	83
70	Selective 1,3-butadiene hydrogenation by gold nanoparticles deposited & precipitated onto nano-carbon materials. RSC Advances, 2015, 5, 81583-81598.	3.6	13
71	Efficient and stable Niâ€“Ce glycerol reforming catalysts: Chemical imaging using X-ray electron and scanning transmission microscopy. Applied Catalysis B: Environmental, 2015, 165, 139-148.	20.2	31
72	Exploring the insertion of ethylenediamine and bis(3-aminopropyl)amine into graphite oxide. Nanoscience Methods, 2014, 3, 28-39.	1.0	2

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73	Design of surface sites for the selective hydrogenation of 1,3-butadiene on Pd nanoparticles: Cu bimetallic formation and sulfur poisoning. Catalysis Science and Technology, 2014, 4, 1446-1455.	4.1	39
74	Ceramic hollow fibres catalytic enhanced reactors for glycerol steam reforming. Catalysis Today, 2014, 233, 21-30.	4.4	9
75	High nitrogen doped graphenes and their applicability as basic catalysts. Diamond and Related Materials, 2014, 44, 26-32.	3.9	27
76	Effects of the reduction temperature over ex-chloride Ru Fischerâ€“Tropsch catalysts supported on high surface area graphite and promoted by potassium. Applied Catalysis A: General, 2014, 480, 86-92.	4.3	16
77	Microwave-assisted silylation of graphite oxide and iron(III) porphyrin intercalation. Polyhedron, 2014, 81, 475-484.	2.2	15
78	Novel electrochemical sensor based on N-doped carbon nanotubes and Fe3O4 nanoparticles: Simultaneous voltammetric determination of ascorbic acid, dopamine and uric acid. Journal of Colloid and Interface Science, 2014, 432, 207-213.	9.4	99
79	Effect of electrolytes nature and concentration on the morphology and structure of MoS2 nanomaterials prepared using one-pot solvothermal method. Applied Surface Science, 2014, 307, 319-326.	6.1	27
80	Bioethanol Transformations Over Active Surface Sites Generated on Carbon Nanotubes or Carbon Nanofibers Materials. Open Catalysis Journal, 2014, 7, 1-7.	0.9	8
81	MgAl2O4 spinel prepared by mechanochemical synthesis used as a support of multimetallic catalysts for paraffin dehydrogenation. Catalysis in Industry, 2013, 5, 61-73.	0.7	10
82	Following the Evolution of Ru/Activated Carbon Catalysts during the Decompositionâ€“Reduction of the Ru(NO)(NO₃)₃ Precursor. ChemCatChem, 2013, 5, 2446-2452.	3.7	18
83	Effect of the functional groups of carbon on the surface and catalytic properties of Ru/C catalysts for hydrogenolysis of glycerol. Applied Surface Science, 2013, 287, 108-116.	6.1	50
84	Selective catalytic reduction of NO with NH3 over Cr-ZSM-5 catalysts: General characterization and catalysts screening. Applied Catalysis B: Environmental, 2013, 134-135, 367-380.	20.2	39
85	Structural properties of alumina- and silica-supported Iridium catalysts and their behavior in the enantioselective hydrogenation of ethyl pyruvate. Applied Catalysis A: General, 2013, 451, 14-20.	4.3	12
86	Surface properties of Ru particles supported on carbon materials: A microcalorimetric study of the effects over the CO chemisorptions of residual anionic species. Thermochimica Acta, 2013, 567, 112-117.	2.7	11
87	Dry reforming of methane using Pd-based membrane reactors fabricated from different substrates. Journal of Membrane Science, 2013, 435, 218-225.	8.2	44
88	Preparation of nitrogen-containing carbon nanotubes and study of their performance as basic catalysts. Applied Catalysis A: General, 2013, 458, 155-161.	4.3	39
89	Crâ€“ZSM-5 catalysts for ethylene ammoxidation: Effects of precursor nature and Cr/Al molar ratio on the physicochemical and catalytic properties. Microporous and Mesoporous Materials, 2013, 171, 166-178.	4.4	15
90	An immersion calorimetric study of the interactions between some organic molecules and functionalized carbon nanotube surfaces. Thermochimica Acta, 2013, 567, 107-111.	2.7	3

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91	Transient studies of low-temperature dry reforming of methane over Ni-CaO/ZrO2-La2O3. Applied Catalysis B: Environmental, 2013, 129, 450-459.	20.2	120
92	Building up Multiwall Carbon Nanotubes Nanostructures inside Millimetric Channels of Ceramic Monoliths. Journal of Nano Research, 2012, 18-19, 271-279.	0.8	1
93	Low Solvothermal Synthesis and Characterization of Hollow Nanospheres Molybdenum Sulfide. Journal of Nanoscience and Nanotechnology, 2012, 12, 6679-6685.	0.9	16
94	An Easy Methodology for the Incorporation of Carbon Nanotubes on Surfaces of Components Applied as Electronic Devices. Journal of Nano Research, 2012, 18-19, 157-163.	0.8	0
95	Influence of the parent zeolite structure on chromium speciation and catalytic properties of Cr-zeolite catalysts in the ethylene ammoxidation. Applied Catalysis A: General, 2012, 439-440, 88-100.	4.3	20
96	Graphite oxide as support for the immobilization of Ru-BINAP: Application in the enantioselective hydrogenation of methylacetoacetate. Catalysis Communications, 2012, 26, 149-154.	3.3	16
97	Influence of the nature of support on Ru-supported catalysts for selective hydrogenation of citral. Chemical Engineering Journal, 2012, 204-206, 169-178.	12.7	32
98	Structural and surface modifications of carbon nanotubes when submitted to high temperature annealing treatments. Journal of Alloys and Compounds, 2012, 536, S460-S463.	5.5	21
99	Catalytic Removal of Water-Solved Aromatic Compounds by Carbon-Based Materials. , 2012, , 499-520.		2
100	An immersion calorimetry study of the interaction of organic compounds with carbon nanotube surfaces. Carbon, 2012, 50, 2731-2740.	10.3	19
101	Deposition of gold nanoparticles on ZnO and their catalytic activity for hydrogenation applications. Catalysis Communications, 2012, 22, 79-82.	3.3	22
102	Kinetic analysis of the Ru/SiO2-catalyzed low temperature methane steam reforming. Applied Catalysis A: General, 2012, 413-414, 366-374.	4.3	15
103	Ammoxidation of ethylene over low and over-exchanged Crâ€“ZSM-5 catalysts. Applied Catalysis A: General, 2012, 415-416, 132-140.	4.3	23
104	Catalytic and redox properties of bimetallic Cuâ€“Ni systems combined with CeO2 or Gd-doped CeO2 for methane oxidation and decomposition. Applied Catalysis B: Environmental, 2012, 111-112, 96-105.	20.2	42
105	High efficiency of the cylindrical mesopores of MWCNTs for the catalytic wet peroxide oxidation of C.I. Reactive Red 241 dissolved in water. Applied Catalysis B: Environmental, 2012, 121-122, 182-189.	20.2	20
106	TAP studies of ammonia decomposition over Ru and Ir catalysts. Physical Chemistry Chemical Physics, 2011, 13, 12892.	2.8	46
107	Catalytic activity of gold supported on ZnO tetrapods for the preferential oxidation of carbon monoxide under hydrogen rich conditions. Nanoscale, 2011, 3, 929-932.	5.6	22
108	Preparation and surface functionalization of MWCNTs: study of the composite materials produced by the interaction with an iron phthalocyanine complex. Nanoscale Research Letters, 2011, 6, 353.	5.7	9

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109	Chemoselective hydrogenation of cinnamaldehyde: A comparison of the immobilization of Ruâ€“phosphine complex on graphite oxide and on graphitic surfaces. Journal of Catalysis, 2011, 282, 299-309.	6.2	43
110	Thermodynamic and experimental study of combined dry and steam reforming of methane on Ru/ZrO2-La2O3 catalyst at low temperature. International Journal of Hydrogen Energy, 2011, 36, 15212-15220.	7.1	129
111	Phenol adsorption from water solutions over microporous andÂmesoporous carbon surfaces: a real time kinetic study. Adsorption, 2011, 17, 483-488.	3.0	13
112	Nitromethane-water competitive adsorption over modified activated carbon. Adsorption, 2011, 17, 595-602.	3.0	1
113	Catalytic steam reforming of methane under conditions of applicability with Pd membranes over supported Ru catalysts. Catalysis Today, 2011, 171, 126-131.	4.4	20
114	Selective hydrogenation of citral over Pt/KL type catalysts doped with Sr, La, Nd and Sm. Applied Catalysis A: General, 2011, 401, 56-64.	4.3	24
115	Carbon nanostrutured materials as direct catalysts for phenol oxidation in aqueous phase. Applied Catalysis B: Environmental, 2011, 104, 101-109.	20.2	40
116	Effect of the chromium precursor nature on the physicochemical and catalytic properties of Crâ€“ZSM-5 catalysts: Application to the ammoxidation of ethylene. Journal of Molecular Catalysis A, 2011, 339, 8-16.	4.8	34
117	Surface chemical modifications induced on high surface area graphite and carbon nanofibers using different oxidation and functionalization treatments. Journal of Colloid and Interface Science, 2011, 355, 179-189.	9.4	110
118	Design of appropriate surface sites for ruthenium-ceria catalysts supported on graphite by controlled preparation method. Studies in Surface Science and Catalysis, 2010, , 751-754.	1.5	0
119	Selective Deposition of Gold Nanoparticles on or Inside Carbon Nanotubes and Their Catalytic Activity for Preferential Oxidation of CO. European Journal of Inorganic Chemistry, 2010, 2010, 5096-5102.	2.0	50
120	Adsorption of non-ionic surfactants on hydrophobic and hydrophilic carbon surfaces. Journal of Colloid and Interface Science, 2010, 343, 194-199.	9.4	39
121	The use of carbon nanotubes with and without nitrogen doping as support for ruthenium catalysts in the ammonia decomposition reaction. Carbon, 2010, 48, 267-276.	10.3	144
122	Preparation of gold catalysts supported on SiO2-TiO2 for the CO PROX reaction. Studies in Surface Science and Catalysis, 2010, , 719-722.	1.5	1
123	Modifications of porous stainless steel previous to the synthesis of Pd membranes. Studies in Surface Science and Catalysis, 2010, 175, 779-783.	1.5	10
124	Thiophene as Internal Promoter of Selectivity for the Liquid Phase Hydrogenation of Citral Over Ru/KL Catalysts. Catalysis Letters, 2009, 129, 376-382.	2.6	8
125	Role of B5-Type Sites in Ru Catalysts used for the NH3 Decomposition Reaction. Topics in Catalysis, 2009, 52, 758-764.	2.8	132
126	Effects of functionalized carbon nanotubes in peroxide crosslinking of diene elastomers. European Polymer Journal, 2009, 45, 1017-1023.	5.4	21

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127	Comparative study of support effects in ruthenium catalysts applied for wet air oxidation of aromatic compounds. Catalysis Today, 2009, 143, 355-363.	4.4	25
128	Surface changes in Ru/KL supported catalysts induced by the preparation method and their effect on the selective hydrogenation of citral. Applied Catalysis A: General, 2009, 366, 114-121.	4.3	21
129	Efficient catalytic wet oxidation of phenol using iron acetylacetonate complexes anchored on carbon nanofibres. Carbon, 2009, 47, 2095-2102.	10.3	23
130	Changes in the selective hydrogenation of citral induced by copper addition to Ru/KL catalysts. Microporous and Mesoporous Materials, 2008, 110, 186-196.	4.4	16
131	On the interactions of phenol, aniline and p-nitrophenol on activated carbon surfaces as detected by TPD. Carbon, 2008, 46, 870-875.	10.3	29
132	Effect of the carbon support nano-structures on the performance of Ru catalysts in the hydrogenation of paracetamol. Carbon, 2008, 46, 1046-1052.	10.3	29
133	Improving the synthesis of high purity carbon nanotubes in a catalytic fluidized bed reactor and their comparative test for hydrogen adsorption capacity. Catalysis Today, 2008, 133-135, 815-821.	4.4	13
134	Structural changes on RuCu/KL bimetallic catalysts as evidenced by n-hexane reforming. Catalysis Today, 2008, 133-135, 793-799.	4.4	4
135	Effect of nickel precursor and the copper addition on the surface properties of Ni/KL-supported catalysts for selective hydrogenation of citral. Applied Catalysis A: General, 2008, 348, 241-250.	4.3	26
136	Novel strategy for the synthesis of vertically orientated carbon nanofibers. Materials Research Bulletin, 2008, 43, 1737-1742.	5.2	2
137	High purity hydrogen production by low temperature catalytic ammonia decomposition in a multifunctional membrane reactor. Catalysis Communications, 2008, 9, 482-486.	3.3	92
138	Adsorption and microcalorimetric measurements on activated carbons prepared from Polyethylene Terephtalate. Studies in Surface Science and Catalysis, 2007, , 185-192.	1.5	1
139	Detection of specific electronic interactions at the interface aromatic hydrocarbon-graphite by immersion calorimetry. Studies in Surface Science and Catalysis, 2007, 160, 689-696.	1.5	1
140	Development of Nanostructured Catalytic Membranes for Partial Benzene Hydrogenation to Cyclohexene. Journal of Nanoscience and Nanotechnology, 2007, 7, 4391-4401.	0.9	3
141	The effect of growth temperature and iron precursor on the synthesis of high purity carbon nanotubes. Diamond and Related Materials, 2007, 16, 542-549.	3.9	20
142	Support effects on Ruâ€“HPA bifunctional catalysts: Surface characterization and catalytic performance. Applied Catalysis A: General, 2007, 333, 281-289.	4.3	14
143	Characterization and Catalytic Performance of PtSn Catalysts Supported on Al2O3 and Na-doped Al2O3 in n-butane Dehydrogenation. Catalysis Letters, 2007, 119, 5-15.	2.6	32
144	Influence of modifiers on the performance of Ru-supported catalysts on the stereoselective hydrogenation of 4-acetamidophenol. Applied Surface Science, 2007, 253, 4805-4813.	6.1	6

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145	The role of alpha-iron and cementite phases in the growing mechanism of carbon nanotubes: a 57Fe MÃ¶ssbauer spectroscopy study. Physical Chemistry Chemical Physics, 2006, 8, 1230.	2.8	39
146	Catalytic Activity and Characterization of Oxygen Mobility on Pt/Ce0.75Zr0.25O2 Catalyst by Isotopic Exchange with 18O. Chinese Journal of Catalysis, 2006, 27, 109-114.	14.0	8
147	Modification of the stereoselectivity in the citral hydrogenation by application of carbon nanotubes as support of the Pt particles. Carbon, 2006, 44, 804-806.	10.3	25
148	Interactions between toluene and aniline and graphite surfaces. Carbon, 2006, 44, 3130-3133.	10.3	4
149	Modification of catalytic properties over carbon supported Ruâ€“Cu and Niâ€“Cu bimetallics. Applied Catalysis A: General, 2006, 303, 88-95.	4.3	6
150	Infiltrated glassy carbon membranes in Î³-Al2O3 supports. Journal of Membrane Science, 2006, 281, 500-507.	8.2	18
151	Surface and structural effects in the hydrogenation of citral over RuCu/KL catalysts. Microporous and Mesoporous Materials, 2006, 97, 122-131.	4.4	24
152	Effect of the reductionâ€“preparation method on the surface states and catalytic properties of supported-nickel particles. Journal of Molecular Catalysis A, 2006, 258, 221-230.	4.8	14
153	Modification of catalytic properties over carbon supported Ruâ€“Cu and Niâ€“Cu bimetallics. Applied Catalysis A: General, 2006, 300, 120-129.	4.3	51
154	Characteristics of the metallic phase of Pt/Al2O3 and Na-doped Pt/Al2O3 catalysts for light paraffins dehydrogenation. Chemical Engineering Journal, 2006, 118, 161-166.	12.7	29
155	Surface sites on carbon-supported Ru, Co and Ni nanoparticles as determined by microcalorimetry of CO adsorption. Thermochimica Acta, 2005, 434, 100-106.	2.7	8
156	Study of CO chemisorption on graphite-supported Ruâ€“Cu and Niâ€“Cu bimetallic catalysts. Thermochimica Acta, 2005, 434, 113-118.	2.7	33
157	13C MAS-NMR study of carbon nanotubes grown by catalytic decomposition of acetylene on Feâ€“silica catalysts. Carbon, 2005, 43, 2631-2634.	10.3	11
158	Further insights into the Ru nanoparticlesâ€“carbon interactions and their role in the catalytic properties. Carbon, 2005, 43, 2711-2722.	10.3	44
159	Modifications of the citral hydrogenation selectivities over Ru/KL-zeolite catalysts induced by the metal precursors. Catalysis Today, 2005, 107-108, 302-309.	4.4	42
160	Ruthenium-supported catalysts for the stereoselective hydrogenation of paracetamol to 4--acetamidocyclohexanol: effect of support, metal precursor, and solvent. Journal of Catalysis, 2005, 229, 439-445.	6.2	37
161	Effect of the metal precursor on the surface site distribution of Al2O3-supported Ru catalysts: catalytic effects on the n-butane/H2 test. Applied Catalysis A: General, 2005, 283, 23-32.	4.3	35
162	Performance of PtSn catalysts supported on MAl2O4 (M: Mg or Zn) in n-butane dehydrogenation: characterization of the metallic phase. Applied Catalysis A: General, 2004, 277, 11-22.	4.3	110

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