J Ã¼varez-RodrÃ-guez

List of Publications by Year
in descending order

27	672	471509 17	552781 26
papers	citations	h-index	g-index

27	27	27	1030
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Total oxidation of VOCs on Au nanoparticles anchored on Co doped mesoporous UVM-7 silica. Chemical Engineering Journal, 2012, 187, 391-400.	12.7	44
3	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
4	Carbon nanostrutured materials as direct catalysts for phenol oxidation in aqueous phase. Applied Catalysis B: Environmental, 2011, 104, 101-109.	20.2	40
5	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
6	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
7	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
8	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
9	Mesosynthesis of ZnOâ€“SiO₂porous nanocomposites with low-defect ZnO nanometric domains. Nanotechnology, 2008, 19, 225603.	2.6	25
10	Surface and structural effects in the hydrogenation of citral over RuCu/KL catalysts. Microporous and Mesoporous Materials, 2006, 97, 122-131.	4.4	24
11	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
12	Efficient catalytic wet oxidation of phenol using iron acetylacetonate complexes anchored on carbon nanofibres. Carbon, 2009, 47, 2095-2102.	10.3	23
13	Ammoxidation of ethylene over low and over-exchanged Crâ€“ZSM-5 catalysts. Applied Catalysis A: General, 2012, 415-416, 132-140.	4.3	23
14	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
15	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
16	Stable anchoring of dispersed gold nanoparticles on hierarchic porous silica-based materials. Journal of Materials Chemistry, 2010, 20, 6780.	6.7	19
17	3D solid supported inter-polyelectrolyte complexes obtained by the alternate deposition of poly(diallyldimethylammonium chloride) and poly(sodium 4-styrenesulfonate). Beilstein Journal of Nanotechnology, 2016, 7, 197-208.	2.8	19
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Support effects on Ruâ€“HPA bifunctional catalysts: Surface characterization and catalytic performance. Applied Catalysis A: General, 2007, 333, 281-289.	4.3	14
21	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
22	First Phenol Carboxylation with CO2 on Carbon Nanostructured C@Fe-Al2O3 Hybrids in Aqueous Media under Mild Conditions. Nanomaterials, 2021, 11, 190.	4.1	7
23	Structural changes on RuCu/KL bimetallic catalysts as evidenced by n-hexane reforming. Catalysis Today, 2008, 133-135, 793-799.	4.4	4
24	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
25	Selection of iron precursor for preparation of 3D-solids of hydrophobic composites with Î³-alumina and carbon nanostructured materials. Journal of Cleaner Production, 2019, 214, 290-297.	9.3	4
26	Application in powder metallurgy of CVD carbon nanofibres: microstructure and mechanical properties CNF reinforced Distaloy AQ. Powder Metallurgy, 2017, 60, 345-352.	1.7	1
27	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