Luz Amparo Palacio

List of Publications by Citations

36 papers	444 citations	14 h-index	19 g-index
37 ext. papers	504 ext. citations	5 avg, IF	3.49 L-index

#	Paper	IF	Citations
36	Total oxidation of toluene over calcined trimetallic hydrotalcites type catalysts. *Journal of Hazardous Materials*, **2010**, 177, 407-13	12.8	56
35	Synthesis and characterization of terephthalate-intercalated NiAl layered double hydroxides with high Al content. *Dalton Transactions*, **2013**, 42, 2084-93	4.3	38
34	Performance of supported catalysts based on a new copper vanadate-type precursor for catalytic oxidation of toluene. *Journal of Hazardous Materials*, **2008**, 153, 628-34	12.8	33
33	Copper-nickel catalysts from hydrotalcite precursors: The performance in NO reduction by CO. *Applied Catalysis B: Environmental*, **2018**, 237, 327-338	21.8	26
32	Catalytic oxidation of volatile organic compounds with a new precursor type copper vanadate. *Catalysis Today*, **2008**, 133-135, 502-508	5.3	20
31	Niobia-alumina as methanol dehydration component in mixed catalyst systems for dimethyl ether production from syngas. *Applied Catalysis A: General*, **2014**, 488, 19-27	5.1	17
30	Unsupported trimetallic Ni(Co)-Mo-W sulphide catalysts prepared from mixed oxides: Characterisation and catalytic tests for simultaneous tetralin HDA and dibenzothiophene HDS reactions. *Catalysis Today*, **2017**, 292, 84-96	5.3	17
29	[Zn3+xV2□O7□x(OH)2+3x]?2H2O and M[Zn3□V2O7(OH)2]Cl1□x?(1+2x)H2O two families of zinc vanadates with structures related to the hexagonal structure of [Zn3V2O7(OH)2]?2H2O. *Solid State Sciences*, **2004**, 6, 1251-1258	3.4	17
28	Heptamolybdate-intercalated CoMgAl hydrotalcites as precursors for HDS-selective hydrotreating catalysts. *Catalysis Today*, **2015**, 250, 38-46	5.3	16
27	Effect of composition and thermal treatment in catalysts derived from Cu-Al hydrotalcites-like compounds in the NO reduction by CO. *Catalysis Today*, **2017**, 289, 133-142	5.3	15
26	Hydrothermal synthesis of new wolframite type trimetallic materials and their use in oxidative dehydrogenation of propane. *Physical Chemistry Chemical Physics*, **2009**, 11, 9583-91	3.6	15
25	Cu, Mn and Co molybdates derived from novel precursors catalyze the oxidative dehydrogenation of propane. *Catalysis Today*, **2005**, 107-108, 338-345	5.3	15
24	Crystal structure a cobalt molybdate type □: NaCo2OH(H2O)(MoO4)2. *Solid State Sciences*, **2001**, 3, 367-371		15
23	Mixed NiMo, NiW and NiMoW sulfides obtained from layered double hydroxides as catalysts in simultaneous HDA and HDS reactions. *Catalysis Today*, **2017**, 296, 187-196	5.3	14
22	Copper□luminum hydrotalcite type precursors for NOx abatement. *Catalysis Today*, **2015**, 250, 173-179	5.3	14
21	Decavanadate-intercalated Ni□l hydrotalcites as precursors of mixed oxides for the oxidative dehydrogenation of propane. *Catalysis Today*, **2012**, 192, 36-43	5.3	14
20	V□MgAl catalyst from hydrotalcite for the oxidative dehydrogenation of propane. *Reaction Kinetics, Mechanisms and Catalysis*, **2014**, 111, 679-696	1.6	13

19	Simultaneous tetralin HDA and dibenzothiophene HDS reactions on NiMo bulk sulphide catalysts obtained from mixed oxides. *Catalysis Science and Technology*, **2014**, 4, 1227-1238	5.5	12
18	Unsupported NiMoAl hydrotreating catalysts prepared from NiAl-terephthalate hydrotalcites exchanged with heptamolybdate. *Catalysis Today*, **2013**, 213, 198-205	5.3	12
17	Synthesis, characterization and structural data of an ammonium manganomolybdate type □. *Solid State Sciences*, **2005**, 7, 1043-1048	3.4	12
16	Influence of the Mg2+ or Mn2+ contents on the structure of NiMnAl and CoMgAl hydrotalcite materials with high aluminum contents. *Catalysis Today*, **2015**, 250, 87-94	5.3	9
15	Synthesis and characterization of (NH4)1.5Cu2Cr2O8(OH)1.5?H2O. *Powder Diffraction*, **2009**, 24, 244-246	1.8	7
14	A zinc chromate of type □: synthesis and structure. *Microporous and Mesoporous Materials*, **2001**, 47, 303-309	5.3	7
13	Synthesis of NiAl layered double hydroxides intercalated with aliphatic dibasic anions and their exchange with heptamolybdate. *Applied Clay Science*, **2019**, 176, 29-37	5.2	6
12	Propane Oxidative Dehydrogenation on ZnCoMo and NiCoMo Catalysts Obtained from ?y and ?x Precursors. *Industrial & Engineering Chemistry Research*, **2013**, 52, 5582-5586	3.9	5
11	X-ray powder diffraction data for zinc molybdate, Na(OH)Zn2(MoO4)2□2.5H2O. *Powder Diffraction*, **2000**, 15, 191-192	1.8	4
10	Copper-manganese catalysts with high activity for methanol synthesis. *Applied Catalysis A: General*, **2019**, 579, 65-74	5.1	3
9	The effect of preparation methods on the thermal and chemical reducibility of Cu in Cu-Al oxides. *Dalton Transactions*, **2018**, 47, 10989-11001	4.3	3
8	Synthesis of Industrial Waste Based Metal Catalysts for Oxidative Dehydrogenation of Propane. *Industrial & Engineering Chemistry Research*, **2013**, 52, 7341-7349	3.9	3
7	Structural data of a cobalt molybdate type □. *Powder Diffraction*, **2003**, 18, 227-229	1.8	2
6	Powder diffraction data of Mn2MoO5.0.6H2O. *Powder Diffraction*, **2009**, 24, 48-49	1.8	1
5	Synthesis and crystallographic data of a new copper phosphate CuPO4H?0.5H2O. *Powder Diffraction*, **2003**, 18, 36-37	1.8	1
4	Catalytic performance and stability of isomorphic molybdates used for the oxidative dehydrogenation of propane. *Reaction Kinetics and Catalysis Letters*, **2005**, 85, 175-182		1
3	Structural characterization of a porous zinc vanadate: Zn3(VO4)2?3H2O. *Powder Diffraction*, **2002**, 17, 320-321	1.8	1
2	Structural characterization of a new zinc phosphate: (ZnPO4)4(H3PO4)2(C4N2H14)2. *Powder Diffraction*, **2001**, 16, 160-162	1.8	

1 The influence of Ba addition on thermal stability and catalytic activity of Cu-based mixed oxide. *Catalysis Today*, **2020**, 381, 234-234 5.3