

Luz Amparo Palacio

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.

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	The influence of Ba addition on thermal stability and catalytic activity of Cu-based mixed oxide. <i>Catalysis Today</i> , 2020 , 381, 234-234	5.3	
35	Copper-manganese catalysts with high activity for methanol synthesis. <i>Applied Catalysis A: General</i> , 2019 , 579, 65-74	5.1	3
34	Synthesis of NiAl layered double hydroxides intercalated with aliphatic dibasic anions and their exchange with heptamolybdate. <i>Applied Clay Science</i> , 2019 , 176, 29-37	5.2	6
33	The effect of preparation methods on the thermal and chemical reducibility of Cu in Cu-Al oxides. <i>Dalton Transactions</i> , 2018 , 47, 10989-11001	4.3	3
32	Copper-nickel catalysts from hydrotalcite precursors: The performance in NO reduction by CO. <i>Applied Catalysis B: Environmental</i> , 2018 , 237, 327-338	21.8	26
31	Mixed NiMo, NiW and NiMoW sulfides obtained from layered double hydroxides as catalysts in simultaneous HDA and HDS reactions. <i>Catalysis Today</i> , 2017 , 296, 187-196	5.3	14
30	Effect of composition and thermal treatment in catalysts derived from Cu-Al hydrotalcites-like compounds in the NO reduction by CO. <i>Catalysis Today</i> , 2017 , 289, 133-142	5.3	15
29	Unsupported trimetallic Ni(Co)-Mo-W sulphide catalysts prepared from mixed oxides: Characterisation and catalytic tests for simultaneous tetralin HDA and dibenzothiophene HDS reactions. <i>Catalysis Today</i> , 2017 , 292, 84-96	5.3	17
28	Heptamolybdate-intercalated CoMgAl hydrotalcites as precursors for HDS-selective hydrotreating catalysts. <i>Catalysis Today</i> , 2015 , 250, 38-46	5.3	16
27	Copperaluminum hydrotalcite type precursors for NOx abatement. <i>Catalysis Today</i> , 2015 , 250, 173-179	5.3	14
26	Influence of the Mg ²⁺ or Mn ²⁺ contents on the structure of NiMnAl and CoMgAl hydrotalcite materials with high aluminum contents. <i>Catalysis Today</i> , 2015 , 250, 87-94	5.3	9
25	V ₂ O ₅ /MgAl catalyst from hydrotalcite for the oxidative dehydrogenation of propane. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 111, 679-696	1.6	13
24	Niobia-alumina as methanol dehydration component in mixed catalyst systems for dimethyl ether production from syngas. <i>Applied Catalysis A: General</i> , 2014 , 488, 19-27	5.1	17
23	Simultaneous tetralin HDA and dibenzothiophene HDS reactions on NiMo bulk sulphide catalysts obtained from mixed oxides. <i>Catalysis Science and Technology</i> , 2014 , 4, 1227-1238	5.5	12
22	Unsupported NiMoAl hydrotreating catalysts prepared from NiAl-terephthalate hydrotalcites exchanged with heptamolybdate. <i>Catalysis Today</i> , 2013 , 213, 198-205	5.3	12
21	Synthesis and characterization of terephthalate-intercalated NiAl layered double hydroxides with high Al content. <i>Dalton Transactions</i> , 2013 , 42, 2084-93	4.3	38
20	Synthesis of Industrial Waste Based Metal Catalysts for Oxidative Dehydrogenation of Propane. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 7341-7349	3.9	3

19	Propane Oxidative Dehydrogenation on ZnCoMo and NiCoMo Catalysts Obtained from γ and χ Precursors. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 5582-5586	3.9	5
18	Decavanadate-intercalated NiAl hydrotalcites as precursors of mixed oxides for the oxidative dehydrogenation of propane. <i>Catalysis Today</i> , 2012 , 192, 36-43	5.3	14
17	Total oxidation of toluene over calcined trimetallic hydrotalcites type catalysts. <i>Journal of Hazardous Materials</i> , 2010 , 177, 407-13	12.8	56
16	Synthesis and characterization of $(\text{NH}_4)_1.5\text{Cu}_2\text{Cr}_2\text{O}_8(\text{OH})_{1.5}\cdot\text{H}_2\text{O}$. <i>Powder Diffraction</i> , 2009 , 24, 244-246	6.8	7
15	Hydrothermal synthesis of new wolframite type trimetallic materials and their use in oxidative dehydrogenation of propane. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 9583-91	3.6	15
14	Powder diffraction data of $\text{Mn}_2\text{MoO}_5\cdot 0.6\text{H}_2\text{O}$. <i>Powder Diffraction</i> , 2009 , 24, 48-49	1.8	1
13	Performance of supported catalysts based on a new copper vanadate-type precursor for catalytic oxidation of toluene. <i>Journal of Hazardous Materials</i> , 2008 , 153, 628-34	12.8	33
12	Catalytic oxidation of volatile organic compounds with a new precursor type copper vanadate. <i>Catalysis Today</i> , 2008 , 133-135, 502-508	5.3	20
11	Cu, Mn and Co molybdates derived from novel precursors catalyze the oxidative dehydrogenation of propane. <i>Catalysis Today</i> , 2005 , 107-108, 338-345	5.3	15
10	Synthesis, characterization and structural data of an ammonium manganomolybdate type χ . <i>Solid State Sciences</i> , 2005 , 7, 1043-1048	3.4	12
9	Catalytic performance and stability of isomorphous molybdates used for the oxidative dehydrogenation of propane. <i>Reaction Kinetics and Catalysis Letters</i> , 2005 , 85, 175-182		1
8	$[\text{Zn}_{3+x}\text{V}_2\text{O}_7\text{B}_x(\text{OH})_{2+3x}]\cdot 2\text{H}_2\text{O}$ and $\text{M}[\text{Zn}_3\text{V}_2\text{O}_7(\text{OH})_2]\text{Cl}_{1-x}\cdot (1+2x)\text{H}_2\text{O}$ two families of zinc vanadates with structures related to the hexagonal structure of $[\text{Zn}_3\text{V}_2\text{O}_7(\text{OH})_2]\cdot 2\text{H}_2\text{O}$. <i>Solid State Sciences</i> , 2004 , 6, 1251-1258	3.4	17
7	Structural data of a cobalt molybdate type χ . <i>Powder Diffraction</i> , 2003 , 18, 227-229	1.8	2
6	Synthesis and crystallographic data of a new copper phosphate $\text{CuPO}_4\cdot 0.5\text{H}_2\text{O}$. <i>Powder Diffraction</i> , 2003 , 18, 36-37	1.8	1
5	Structural characterization of a porous zinc vanadate: $\text{Zn}_3(\text{VO}_4)_2\cdot 3\text{H}_2\text{O}$. <i>Powder Diffraction</i> , 2002 , 17, 320-321	1.8	1
4	A zinc chromate of type χ : synthesis and structure. <i>Microporous and Mesoporous Materials</i> , 2001 , 47, 303-309	5.3	7
3	Crystal structure a cobalt molybdate type χ : $\text{NaCo}_2\text{OH}(\text{H}_2\text{O})(\text{MoO}_4)_2$. <i>Solid State Sciences</i> , 2001 , 3, 367-371		15
2	Structural characterization of a new zinc phosphate: $(\text{ZnPO}_4)_4(\text{H}_3\text{PO}_4)_2(\text{C}_4\text{N}_2\text{H}_{14})_2$. <i>Powder Diffraction</i> , 2001 , 16, 160-162	1.8	

1 X-ray powder diffraction data for zinc molybdate, $\text{Na}(\text{OH})\text{Zn}_2(\text{MoO}_4)_2 \cdot 2.5\text{H}_2\text{O}$. *Powder Diffraction*,
2000, 15, 191-192 1.8 4