Maria Cristina Campa

List of Publications by Year
in descending order

39 papers	1,109 citations	430874 18 h-index	395702 33 g-index
39 all docs	39 docs citations	39 times ranked	1102 citing authors

#	Article	IF	Citations
1	Propane Dehydrogenation on Chromia/Silica and Chromia/Alumina Catalysts. Journal of Catalysis, 1994, 148, 36-46.	6.2	139
2	Catalytic activity of Co-ZSM-5 for the abatement of NOx with methane in the presence of oxygen. Applied Catalysis B: Environmental, 1996, 8, 315-331.	20.2	109
3	Cobalt supported on ZrO2: catalysts characterization and their activity for the reduction of NO with C3H6 in the presence of excess O2. Applied Catalysis B: Environmental, 2000, 28, 43-54.	20.2	89
4	The catalytic activity of Cu-ZSM-5 and Cu-Y zeolites in NO decomposition: dependence on copper concentration. Catalysis Letters, 1994, 23, 141-149.	2.6	79
5	The selective catalytic reduction of NO with CH4 on Mn-ZSM5: A comparison with Co-ZSM5 and Cu-ZSM5. Applied Catalysis B: Environmental, 1998, 18, 151-162.	20.2	60
6	N 2 O decomposition on CoO x , CuO x , FeO x or MnO x supported on ZrO 2 : The effect of zirconia doping with sulfates or K + on catalytic activity. Applied Catalysis B: Environmental, 2016, 187, 218-227.	20.2	54
7	Formation of the MoVI Surface Phase on MoOx/ZrO2 Catalysts. The Journal of Physical Chemistry, 1995, 99, 5556-5567.	2.9	52
8	Rhodium supported on tetragonal or monoclinic ZrO2 as catalyst for the partial oxidation of methane. Applied Catalysis B: Environmental, 2013, 142-143, 423-431.	20.2	42
9	Structure of Crv species on the surface of various oxides : reactivity with NH3 and H2O, as investigated by EPR spectroscopy. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 207.	1.7	41
10	CoOx/sulphated-ZrO2 and CoSO4/ZrO2 as catalysts for the abatement of NO with C3H6 in the presence of excess O2. Applied Catalysis B: Environmental, 2003, 41, 301-312.	20.2	41
11	The catalytic activity of cobalt-exchanged mordenites for the abatement of NO with CH4 in the presence of excess O2. Applied Catalysis B: Environmental, 2003, 46, 511-522.	20.2	34
12	In situ sulphated CuOx/ZrO2 and CuOx/sulphated-ZrO2 as catalysts for the reduction of NOx with NH3 in the presence of excess O2. Applied Catalysis B: Environmental, 2005, 60, 83-92.	20.2	34
13	The simultaneous selective catalytic reduction of N 2 O and NO X with CH 4 on Co- and Ni-exchanged mordenite. Applied Catalysis B: Environmental, 2015, 168-169, 293-302.	20.2	32
14	CuOx/sulphated-ZrO2, in situ sulphated-CuOx/ZrO2, and CuSO4/ZrO2 as catalysts for the abatement of NO with C3H6 in the presence of excess O2. Applied Catalysis B: Environmental, 2002, 39, 115-124.	20.2	31
15	The effect of sulphation on the catalytic activity of CoOx/ZrO2 for NO reduction with NH3 in the presence of O2. Applied Catalysis B: Environmental, 2009, 89, 33-40.	20.2	27
16	Isolated Co2+ and [Coâˆ'Oâˆ'Co]2+ Species in Na-MOR Exchanged with Cobalt to Various Extents:â€‰ An FTIR Characterization by CO Adsorption of Oxidized and Prereduced Samples. Journal of Physical Chemistry C, 2008, 112, 5093-5101.	3.1	26
17	The dependence of catalytic activity for N2O decomposition on the exchange extent of cobalt or copper in Na-MOR, H-MOR and Na-MFI. Applied Catalysis B: Environmental, 2009, 91, 347-354.	20.2	26
18	Cuoâ€"ZnOâ€"Al2O3mixed oxides: preparation, bulk and surface characterization. Journal of Materials Chemistry, 1993, 3, 505-511.	6.7	23

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19	FTIR of adsorbed species on Co-H-MOR and Co-Na-MOR under CH4+NO+O2 stream: Catalytic activity and selectivity. Catalysis Today, 2010, 155, 192-198.	4.4	18
20	N2O decomposition and reduction on Co-MOR, Fe-MOR and Ni-MOR catalysts: in situ UVâ€“vis DRS and operando FTIR investigation. An insight on the reaction pathways. Applied Catalysis B: Environmental, 2019, 240, 19-29.	20.2	17
21	Operando FTIR study of Fe-MOR, Co-MOR, and Ni-MOR as catalysts for simultaneous abatement of NOx and N2O with CH4 in the presence of O2. An insight on reaction pathway.. Catalysis Today, 2019, 336, 131-138.	4.4	16
22	Characterization of MoOx/ZrO2 system by XPS and IR spectroscopies. Surface and Interface Analysis, 1994, 22, 398-402.	1.8	14
23	Selective catalytic reduction of N2O with CH4 on Ni-MOR: A comparison with Co-MOR and Fe-MOR catalysts. Catalysis Today, 2014, 227, 116-122.	4.4	14
24	The selective catalytic reduction of N2O with CH4 on Na-MOR and Na-MFI exchanged with copper, cobalt or manganese. Applied Catalysis B: Environmental, 2012, 111-112, 90-95.	20.2	12
25	The catalytic activity of FeOx/ZrO2 and FeOx/sulphated-ZrO2 for the NO abatement with C3H6 in the presence of excess O2. Applied Catalysis B: Environmental, 2005, 60, 23-31.	20.2	10
26	Cobalt-exchanged mordenites: preparation, characterization and catalytic activity for the abatement of NO with CH4 in the presence of excess O2. Journal of Porous Materials, 2007, 14, 251-261.	2.6	9
27	CoOx and FeOx supported on ZrO2 for the simultaneous abatement of NOx and N2O with C3H6 in the presence of O2. Applied Catalysis B: Environmental, 2019, 240, 367-372.	20.2	9
28	Simultaneous abatement of NO and N2O with CH4 over modified Al2O3 supported Pt,Pd,Rh. Catalysis Today, 2022, 384-386, 76-87.	4.4	9
29	Highly stable Pt?Ru/C as an anode catalyst for use in polymer electrolyte fuel cells. Journal of Solid State Electrochemistry, 2004, 8, 544.	2.5	8
30	Reduction kinetics of CuO-ZnO. Solid State Ionics, 1993, 63-65, 281-288.	2.7	7
31	Structural, Magnetic, and Optical Properties of Co(II) in COxCd1-xIn2S4 Spinel Solid Solutions. Journal of Solid State Chemistry, 1995, 114, 524-527.	2.9	4
32	Title is missing!. Catalysis Letters, 2000, 66, 81-86.	2.6	4
33	Sulphated-ZrO2 prepared by impregnation with ammonium, sodium, or copper sulphate: catalytic activity for NO abatement with propene in the presence of oxygen. Studies in Surface Science and Catalysis, 2000, 130, 1439-1444.	1.5	4
34	Location of Isolated Co²⁺ and [Coâˆ'Oâˆ'Co]²⁺ in Co-MOR as Investigated by Means of FTIR with Acetonitrile and 2,4,5-Trimethylbenzonitrile as Probe Molecules. Journal of Physical Chemistry C, 2010, 114, 17812-17818.	3.1	4
35	The simultaneous selective catalytic reduction of N2O and NO on Coâ€"Naâ€"MOR using CH4 alone as the reducing agent in the presence of excess O2. Catalysis Today, 2012, 191, 87-89.	4.4	4
36	Reduction of nitric oxide with hydrogen on chromia / zirconia catalysts. Applied Catalysis B: Environmental, 1994, 4, 257-273.	20.2	2

#	Article	IF	Citations
37	The catalytic activity of CoOx/sulphated-ZrO2 for the NO abatement with C3H6 in the presence of O2: the dependence of activity and selectivity on the sulphate content. Journal of Molecular Catalysis A, 2003, 204-205, 655-662.	4.8	2
38	Oscillatory Behaviour of Ni Supported on ZrO2 in the Catalytic Partial Oxidation of Methane as Determined by Activation Procedure. Materials, 2021, 14, 2495.	2.9	2
39	Iron species in FeOx/ZrO2 and FeOx/sulphated-ZrO2 catalysts. Studies in Surface Science and Catalysis, 2005, 155, 329-337.	1.5	1