

# Carlos Andr   C Perez

## List of Publications by Year in descending order

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39  
papers

1,661  
citations

331670

21  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Testing Model Cobalt Catalysts for Reactions Involving CO <sub>2</sub> and H <sub>2</sub> O. Journal of Physical Chemistry C, 2019, 123, 8067-8076.	3.1	0
2	A construção de um banco óptico para a difração da luz em fendas únicas e múltiplas de fácil acesso e a utilização do tracker como ferramenta de estudo. Enseñanza De La Física, 2019, 1, .	0.1	0
3	Water Interaction in Faujasite Probed by in Situ X-ray Powder Diffraction. Journal of Physical Chemistry C, 2017, 121, 2755-2761.	3.1	11
4	X-Ray Photoelectron Spectroscopy (ESCA: XPS/ISS) ., 2016, , 251-266.		1
5	Structural Analyses: X-ray Diffraction. , 2016, , 205-226.		0
6	Nanostructured La <sub>0.8</sub> Sr <sub>0.2</sub> Fe <sub>0.8</sub> Cr <sub>0.2</sub> O <sub>3</sub> Perovskite for the Steam Methane Reforming. Catalysis Letters, 2016, 146, 2504-2515.	2.6	17
7	LaCoO <sub>3</sub> perovskite on ceramic monoliths “ Pre and post reaction analyzes of the partial oxidation of methane. International Journal of Hydrogen Energy, 2014, 39, 13991-14007.	7.1	35
8	Synthesis and Characterization of Perovskite-Type Oxides La <sub>1-x</sub> MxCoO <sub>3</sub> (M=Ce, Sr) for the Selective CO Oxidation (SELOX). Topics in Catalysis, 2014, 57, 1103-1111.	2.8	23
9	Structural investigation of LaCoO <sub>3</sub> and LaCoCuO <sub>3</sub> perovskite-type oxides and the effect of Cu on coke deposition in the partial oxidation of methane. Applied Catalysis B: Environmental, 2012, 117-118, 156-166.	20.2	79
10	Análise química e morfológica do esmalte dentário humano tratado com laser argônio durante a colagem ortodôntica. Dental Press Journal of Orthodontics, 2011, 16, 100-107.	0.9	3
11	The Effect of Coating TiO <sub>2</sub> on the CO Oxidation of the Pt/Alumina Catalysts. Catalysis Letters, 2011, 141, 1685-1692.	2.6	24
12	Hydrogen and ethylene production from partial oxidation of methane on CuCe, CuZr mixed oxides and ZrO <sub>2</sub> catalysts. Applied Catalysis A: General, 2010, 375, 205-212.	4.3	18
13	Incorporation of cerium ions by sonication in Ni-Mg-Al layered double hydroxides. Applied Clay Science, 2010, 48, 542-546.	5.2	22
14	In situ characterizations of Pd/Al <sub>2</sub> O <sub>3</sub> and Pd/CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts for oxidative steam reforming of propane. Applied Catalysis B: Environmental, 2009, 92, 217-224.	20.2	51
15	Selective CO oxidation with nano gold particles-based catalysts over Al <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> . Applied Catalysis A: General, 2008, 347, 62-71.	4.3	39
16	Performance of the CeZrO <sub>2</sub> mixed oxide in the NO <sub>x</sub> decomposition. Catalysis Today, 2008, 133-135, 555-559.	4.4	14
17	Effect of clay-water interactions on clay swelling by X-ray diffraction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 768-770.	1.6	79
18	Fischer-Tropsch Synthesis on Anchored Co/Nb <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> Catalysts: The Nature of the Surface and the Effect on Chain Growth. Journal of Physical Chemistry B, 2006, 110, 9155-9163.	2.6	53

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19	Methane oxidation " effect of support, precursor and pretreatment conditions " in situ reaction XPS and DRIFT. <i>Catalysis Today</i> , 2006, 118, 392-401.	4.4	94
20	Thermal Behavior of Poly(ethylene terephthalate) Crystalline and Amorphous Phases by Wide Angle X-ray Scattering. <i>Journal of Macromolecular Science - Physics</i> , 2006, 45, 343-359.	1.0	5
21	Characterization of Cr/SiO <sub>2</sub> catalysts and ethylene polymerization by XPS. <i>Applied Surface Science</i> , 2005, 252, 939-949.	6.1	76
22	TPSR of CO hydrogenation on Co/Nb <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Catalysis Today</i> , 2005, 101, 45-50.	4.4	28
23	Effect of acetone/citral molar ratio and reaction conditions in the aldol condensation of citral with acetone catalyzed by a Mg,Al-mixed oxide. <i>Journal of Molecular Catalysis A</i> , 2005, 233, 83-90.	4.8	16
24	Interpretation of kinetic data with selected characterizations of active sites. <i>Catalysis Today</i> , 2005, 100, 145-150.	4.4	3
25	The promoting effect of cesium on structure and morphology of silver catalysts. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 19-27.	0.8	6
26	Activation of supported nickel catalysts for carbon dioxide reforming of methane. <i>Applied Catalysis A: General</i> , 2004, 272, 133-139.	4.3	56
27	Hydrotalcites as precursors for Mg,Al-mixed oxides used as catalysts on the aldol condensation of citral with acetone. <i>Applied Catalysis A: General</i> , 2004, 272, 229-240.	4.3	58
28	Production of polyalcohol at high-pressure hydrogenation of cane sugar and hydrolyzed amides. <i>Applied Catalysis A: General</i> , 2004, 264, 111-116.	4.3	7
29	Ammonium complex of niobium as a precursor for the preparation of Nb <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Catalysis Today</i> , 2003, 78, 449-458.	4.4	43
30	Studies on the Mechanisms of Lead Immobilization by Hydroxyapatite. <i>Environmental Science &amp; Technology</i> , 2002, 36, 1625-1629.	10.0	269
31	Characterization of ceria-coated alumina carrier. <i>Applied Catalysis A: General</i> , 2002, 234, 271-282.	4.3	286
32	Surface Characterization of Zirconia-Coated Alumina as Support for Pt Particles. <i>Physica Status Solidi A</i> , 2001, 187, 297-303.	1.7	15
33	Quantitative XPS Analysis of Bimetallic Cu-Co Catalysts. <i>Physica Status Solidi A</i> , 2001, 187, 321-326.	1.7	11
34	Synthesis and characterization of niobium oxide layers on silica and the interaction with nickel. <i>Applied Catalysis A: General</i> , 2000, 197, 99-106.	4.3	31
35	Quantitative XPS analysis of silica-supported Cu-Co oxides. <i>Applied Surface Science</i> , 2000, 157, 159-166.	6.1	44
36	Stability and selectivity of bimetallic Cu-Co/SiO <sub>2</sub> catalysts for cyclohexanol dehydrogenation. <i>Applied Catalysis A: General</i> , 1999, 176, 205-212.	4.3	59

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37	Determination of cobalt species in niobia supported catalysts. Physical Chemistry Chemical Physics, 1999, 1, 2861-2867.	2.8	38
38	The promoting effect of noble metal addition on niobia-supported cobalt catalysts. Catalysis Today, 1996, 28, 147-157.	4.4	38
39	XPS Studies on Ce/Al <sub>2</sub> O <sub>3</sub> and on Co/Rh/Nb <sub>2</sub> O <sub>5</sub> Catalysts. Physica Status Solidi (B): Basic Research, 1995, 192, 477-491.	1.5	9