

Mauro C Ribeiro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fischer-Tropsch Synthesis: An In-Situ TPR-EXAFS/XANES Investigation of the Influence of Group I Alkali Promoters on the Local Atomic and Electronic Structure of Carburized Iron/Silica Catalysts. <i>Journal of Physical Chemistry C</i> , 2010, 114, 7895-7903.	1.5	138
2	Group 11 (Cu, Ag, Au) promotion of 15%Co/Al ₂ O ₃ Fischer-Tropsch synthesis catalysts. <i>Applied Catalysis A: General</i> , 2009, 361, 137-151.	2.2	92
3	Ethanol conversion at low temperature over CeO ₂ -Supported Ni-based catalysts. Effect of Pt addition to Ni catalyst. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 754-768.	10.8	72
4	The study of the performance of PtNi/CeO ₂ -nanocube catalysts for low temperature steam reforming of ethanol. <i>Catalysis Today</i> , 2015, 242, 35-49.	2.2	69
5	Fischer-Tropsch synthesis: Metal-support interfacial contact governs oxygenates selectivity over CeO ₂ supported Pt-Co catalysts. <i>Applied Catalysis A: General</i> , 2011, 393, 17-23.	2.2	58
6	Fischer-Tropsch Synthesis: Influence of Mn on the Carburization Rates and Activities of Fe-Based Catalysts by TPR-EXAFS/XANES and Catalyst Testing. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4783-4792.	1.5	56
7	Effects of Ceria Morphology on Catalytic Performance of Ni/CeO ₂ Catalysts for Low Temperature Steam Reforming of Ethanol. <i>Topics in Catalysis</i> , 2015, 58, 281-294.	1.3	51
8	Fischer-Tropsch Synthesis: Effect of Water Over Iron-Based Catalysts. <i>Catalysis Letters</i> , 2010, 140, 98-105.	1.4	44
9	Effect of Zn addition on the performance of Ni/Al ₂ O ₃ catalyst for steam reforming of ethanol. <i>Applied Catalysis A: General</i> , 2016, 519, 85-98.	2.2	43
10	Influence of carbide formation on oxygenates selectivity during Fischer-Tropsch synthesis over Ce-containing Co catalysts. <i>Catalysis Today</i> , 2016, 261, 40-47.	2.2	41
11	Fischer-Tropsch synthesis: Deuterium isotopic study for the formation of oxygenates over CeO ₂ supported Pt-Co catalysts. <i>Catalysis Communications</i> , 2012, 25, 12-17.	1.6	27
12	Low Temperature Water Gas Shift: Evaluation of Pt/HfO ₂ and Correlation between Reaction Mechanism and Periodic Trends in Tetravalent (Ti, Zr, Hf, Ce, Th) Metal Oxides. <i>ACS Catalysis</i> , 2011, 1, 1375-1383.	5.5	26
13	Hydrogen production by the steam reforming of ethanol over cobalt catalysts supported on different carbon nanostructures. <i>Catalysis Today</i> , 2020, 344, 66-74.	2.2	25
14	Studies on KIT-6 Supported Cobalt Catalyst for Fischer-Tropsch Synthesis. <i>Catalysis Letters</i> , 2010, 134, 37-44.	1.4	24
15	Effects of Co Addition to Supported Ni Catalysts on Hydrogen Production from Oxidative Steam Reforming of Ethanol. <i>Energy & Fuels</i> , 2018, 32, 12814-12825.	2.5	18
16	Ethanol Steam Reforming: Higher Dehydrogenation Selectivities Observed by Tuning Oxygen-Mobility and Acid/Base Properties with Mn in CeO ₂ -MnOx-SiO ₂ Catalysts. <i>Topics in Catalysis</i> , 2013, 56, 1634-1643.	1.3	16
17	Fischer-Tropsch Mechanism: ¹³ C/ ¹⁸ O Tracer Studies on a Ceria-Silica Supported Cobalt Catalyst and a Doubly Promoted Iron Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6438-6453.	1.8	16
18	Filmes de diamante CVD dopado com boro. Parte I. Histórico, produção e caracterização. <i>Química Nova</i> , 2005, 28, 317-325.	0.3	15

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19	A Relationship between the Production of Oxygenates from Ethanol/Steam Mixtures and the Oxygen Mobility in Transition Metal Oxide Doped CeO ₂ -SiO ₂ Catalysts. Journal of Physical Chemistry C, 2014, 118, 28007-28016.	1.5	12
20	Tailoring the product selectivity of Co/SiO ₂ Fischer-Tropsch synthesis catalysts by lanthanide doping. Catalysis Today, 2020, 343, 80-90.	2.2	12
21	The influence of electrochemical pre-treatment of B-doped diamond films on the electrodeposition of Pt. Journal of the Brazilian Chemical Society, 2006, 17, 667-673.	0.6	8
22	Ethanol Reforming Reactions Over Co and Cu Based Catalysts Obtained from LaCoCuO ₃ Perovskite-Type Oxides. Topics in Catalysis, 2014, 57, 637-655.	1.3	8
23	Fischer-Tropsch Synthesis: Studies on the Effect of Support Doping with Si, Mn and Cr on the Selectivity to Alcohols in Ceria Supported Cobalt Catalysts. Topics in Catalysis, 2014, 57, 550-560.	1.3	8
24	Low temperature water-gas shift: Differences in oxidation states observed with partially reduced Pt/MnOX and Pt/CeOX catalysts yield differences in OH group reactivity. Catalysis Communications, 2010, 11, 1193-1199.	1.6	7
25	The Influence of Ammonia on the Electroless Deposition of CoB Alloys from Alkaline Citrate containing Baths. Electrochimica Acta, 2014, 147, 752-757.	2.6	4
26	Fischer-Tropsch Synthesis: Effect of the Promoter's Ionic Charge and Valence Level Energy on Activity. Reactions, 2021, 2, 408-426.	0.9	3