Soraia Teixeira BrandÃ£o

List of Publications by Year
in descending order

28 papers	580 citations	623188 14 h-index	610482 24 g-index
28 all docs	28 docs citations	28 times ranked	879 citing authors

#	Article	IF	Citations
1	Methane combustion over PdO-alumina catalysts: The effect of palladium precursors. Applied Catalysis B: Environmental, 2006, 63, 9-14.	10.8	100
2	Storage and oxidation stability of commercial biodiesel using Moringa oleifera Lam as an antioxidant additive. Fuel, 2017, 203, 627-632.	3.4	54
3	Renewable hydrogen from glycerol reforming over nickel aluminate-based catalysts. Catalysis Today, 2017, 289, 96-104.	2.2	48
4	Perovskite as catalyst precursors in the partial oxidation of methane: The effect of cobalt, nickel and pretreatment. Catalysis Today, 2018, 299, 229-241.	2.2	47
5	Catalytic combustion of methane at high temperatures: Cerium effect on PdO/Al2O3 catalysts. Applied Catalysis A: General, 2009, 360, 2-7.	2.2	40
6	Partial oxidation of methane on Ni and Pd catalysts: Influence of active phase and CeO2 modification. Catalysis Today, 2012, 197, 137-143.	2.2	38
7	Steam reforming of acetic acid over Ni-based catalysts derived from La1â^'xCaxNiO3 perovskite type oxides. Fuel, 2019, 254, 115714.	3.4	31
8	Cracking and hydrocracking of triglycerides for renewable liquid fuels: alternative processes to transesterification. Journal of the Brazilian Chemical Society, 2011, 22, 1206-1220.	0.6	29
9	Flash pyrolysis of model compounds adsorbed on catalyst surface: A method for screening catalysts for cracking of fatty molecules. Journal of Analytical and Applied Pyrolysis, 2014, 109, 56-64.	2.6	25
10	Study of nickel, lanthanum and niobium-based catalysts applied in the partial oxidation of methane. Catalysis Today, 2020, 344, 15-23.	2.2	21
11	Chemical pathways in the partial oxidation and steam reforming of acetic acid over a Rh-Al 2 O 3 catalyst. Catalysis Today, 2017, 289, 162-172.	2.2	17
12	Dry Reforming of Methane over NiLa-Based Catalysts: Influence of Synthesis Method and Ba Addition on Catalytic Properties and Stability. Catalysts, 2019, 9, 313.	1.6	17
13	Study of some parameters on the zirconocene immobilization over silica. Journal of Molecular Catalysis A, 2004, 216, 45-50.	4.8	16
14	Study of the catalytic species metallocene/MAO and metallocene/TMA by cyclic voltammetry. Journal of Molecular Catalysis A, 2004, 211, 67-72.	4.8	14
15	Perovskite-type catalysts based on nickel applied in the Oxy-CO2 reforming of CH4: Effect of catalyst nature and operative conditions. Catalysis Today, 2021, 369, 19-30.	2.2	13
16	Annular reactor testing and Raman surface characterization of the CPO of i-octane and n-octane on Rh based catalyst. Chemical Engineering Journal, 2016, 294, 9-21.	6.6	12
17	LaNi1-xCoxO3 perovskites for methane combustion by chemical looping. Fuel, 2021, 292, 120187.	3.4	12
18	Infrared and ultravioletâ€“visible spectroscopic studies of silica, [(Cp)2ZrCl2] and trimethylaluminum interactions. Applied Catalysis A: General, 2005, 290, 221-226.	2.2	9

#	Article	IF	Citations
19	Thermal and Catalytic Pyrolysis of Dodecanoic Acid on SAPO-5 and Al-MCM-41 Catalysts. Catalysts, 2019, 9, 418.	1.6	8
20	Oxy-CO2 reforming of CH4 on Ni-based catalysts: Evaluation of cerium and aluminum addition on the structure and properties of the reduced materials. Catalysis Today, 2021, 381, 50-64.	2.2	7
21	Highâ€temperature and highâ€pressure ethylene polymerization using a cationic activated metallocene catalytic system. Polymer International, 2008, 57, 1012-1016.	1.6	5
22	Palladium-supported catalysts in methane combustion: comparison of alumina and zirconia supports. Quimica Nova, 2012, 35, 1118-1122.	0.3	5
23	Catalytic combustion of methane over pdo-ceo2/al2o3 and pdo-ceo2/zro2 catalysts. Studies in Surface Science and Catalysis, 2007, 167, 7-12.	1.5	4
24	Combustion of Methane Using Palladium Catalysts Supported in Alumina or Zirconia. Combustion Science and Technology, 2014, 186, 518-528.	1.2	4
25	Oxidative Coupling of Methane over Ti-La-Na catalysts. Studies in Surface Science and Catalysis, 1994, 82, 443-450.	1.5	2
26	Characterization of TiLaNa Catalysts in the Oxidative Coupling of Methane. Studies in Surface Science and Catalysis, 1993, , 2237-2240.	1.5	1
27	Oxidative coupling of methane over alkali-promoted Ti-La oxide catalysts. Effect of bulk and surface properties on catalytic performance. Catalysis Letters, 1996, 36, 151-157.	1.4	1
28	Surface Studies of Lanthanum-Sodium Catalysts for the Oxidative Coupling of Methane Modified with Group IVA elements. Studies in Surface Science and Catalysis, 1994, , 165-170.	1.5	0