

# Soraia Teixeira Brandão

## List of Publications by Year in descending order

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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	Oxy-CO <sub>2</sub> reforming of CH <sub>4</sub> on Ni-based catalysts: Evaluation of cerium and aluminum addition on the structure and properties of the reduced materials. <i>Catalysis Today</i> , 2021, 381, 50-64.	2.2	7
2	Perovskite-type catalysts based on nickel applied in the Oxy-CO <sub>2</sub> reforming of CH <sub>4</sub> : Effect of catalyst nature and operative conditions. <i>Catalysis Today</i> , 2021, 369, 19-30.	2.2	13
3	LaNi <sub>1-x</sub> CoxO <sub>3</sub> perovskites for methane combustion by chemical looping. <i>Fuel</i> , 2021, 292, 120187.	3.4	12
4	Study of nickel, lanthanum and niobium-based catalysts applied in the partial oxidation of methane. <i>Catalysis Today</i> , 2020, 344, 15-23.	2.2	21
5	Steam reforming of acetic acid over Ni-based catalysts derived from La <sub>1-x</sub> CaxNiO <sub>3</sub> perovskite type oxides. <i>Fuel</i> , 2019, 254, 115714.	3.4	31
6	Dry Reforming of Methane over Ni/La-Based Catalysts: Influence of Synthesis Method and Ba Addition on Catalytic Properties and Stability. <i>Catalysts</i> , 2019, 9, 313.	1.6	17
7	Thermal and Catalytic Pyrolysis of Dodecanoic Acid on SAPO-5 and Al-MCM-41 Catalysts. <i>Catalysts</i> , 2019, 9, 418.	1.6	8
8	Perovskite as catalyst precursors in the partial oxidation of methane: The effect of cobalt, nickel and pretreatment. <i>Catalysis Today</i> , 2018, 299, 229-241.	2.2	47
9	Storage and oxidation stability of commercial biodiesel using <i>Moringa oleifera</i> Lam as an antioxidant additive. <i>Fuel</i> , 2017, 203, 627-632.	3.4	54
10	Renewable hydrogen from glycerol reforming over nickel aluminate-based catalysts. <i>Catalysis Today</i> , 2017, 289, 96-104.	2.2	48
11	Chemical pathways in the partial oxidation and steam reforming of acetic acid over a Rh-Al <sub>2</sub> O <sub>3</sub> catalyst. <i>Catalysis Today</i> , 2017, 289, 162-172.	2.2	17
12	Annular reactor testing and Raman surface characterization of the CPO of i-octane and n-octane on Rh based catalyst. <i>Chemical Engineering Journal</i> , 2016, 294, 9-21.	6.6	12
13	Combustion of Methane Using Palladium Catalysts Supported in Alumina or Zirconia. <i>Combustion Science and Technology</i> , 2014, 186, 518-528.	1.2	4
14	Flash pyrolysis of model compounds adsorbed on catalyst surface: A method for screening catalysts for cracking of fatty molecules. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 109, 56-64.	2.6	25
15	Partial oxidation of methane on Ni and Pd catalysts: Influence of active phase and CeO <sub>2</sub> modification. <i>Catalysis Today</i> , 2012, 197, 137-143.	2.2	38
16	Palladium-supported catalysts in methane combustion: comparison of alumina and zirconia supports. <i>Quimica Nova</i> , 2012, 35, 1118-1122.	0.3	5
17	Cracking and hydrocracking of triglycerides for renewable liquid fuels: alternative processes to transesterification. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1206-1220.	0.6	29
18	Catalytic combustion of methane at high temperatures: Cerium effect on PdO/Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Applied Catalysis A: General</i> , 2009, 360, 2-7.	2.2	40

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19	High-temperature and high-pressure ethylene polymerization using a cationic activated metallocene catalytic system. <i>Polymer International</i> , 2008, 57, 1012-1016.	1.6	5
20	Catalytic combustion of methane over pdo-ceo2/al2o3 and pdo-ceo2/zro2 catalysts. <i>Studies in Surface Science and Catalysis</i> , 2007, 167, 7-12.	1.5	4
21	Methane combustion over PdO-alumina catalysts: The effect of palladium precursors. <i>Applied Catalysis B: Environmental</i> , 2006, 63, 9-14.	10.8	100
22	Infrared and ultraviolet-visible spectroscopic studies of silica, [(Cp)2ZrCl2] and trimethylaluminum interactions. <i>Applied Catalysis A: General</i> , 2005, 290, 221-226.	2.2	9
23	Study of some parameters on the zirconocene immobilization over silica. <i>Journal of Molecular Catalysis A</i> , 2004, 216, 45-50.	4.8	16
24	Study of the catalytic species metallocene/MAO and metallocene/TMA by cyclic voltammetry. <i>Journal of Molecular Catalysis A</i> , 2004, 211, 67-72.	4.8	14
25	Oxidative coupling of methane over alkali-promoted Ti-La oxide catalysts. Effect of bulk and surface properties on catalytic performance. <i>Catalysis Letters</i> , 1996, 36, 151-157.	1.4	1
26	Oxidative Coupling of Methane over Ti-La-Na catalysts. <i>Studies in Surface Science and Catalysis</i> , 1994, 82, 443-450.	1.5	2
27	Surface Studies of Lanthanum-Sodium Catalysts for the Oxidative Coupling of Methane Modified with Group IVA elements. <i>Studies in Surface Science and Catalysis</i> , 1994, , 165-170.	1.5	0
28	Characterization of TiLaNa Catalysts in the Oxidative Coupling of Methane. <i>Studies in Surface Science and Catalysis</i> , 1993, , 2237-2240.	1.5	1