

Roger Frety

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4565395/publications.pdf>

Version: 2024-02-01

39
papers

1,176
citations

471509

17
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Deoxygenation of Oleic Acid Methyl Ester in FCC Process Conditions Over Protonated and Sodium Exchanged Y and ZSM-5 Zeolites. <i>Waste and Biomass Valorization</i> , 2022, 13, 185-194.	3.4	4
2	Influence of Ni/Al ratio on the fast pyrolysis of myristic acid when adsorbed on unsupported mixed oxides derived from layered double hydroxides. <i>Catalysis Today</i> , 2021, 381, 181-191.	4.4	15
3	Perovskite-type catalysts based on nickel applied in the Oxy-CO ₂ reforming of CH ₄ : Effect of catalyst nature and operative conditions. <i>Catalysis Today</i> , 2021, 369, 19-30.	4.4	13
4	LaNi _{1-x} Co _x O ₃ perovskites for methane combustion by chemical looping. <i>Fuel</i> , 2021, 292, 120187.	6.4	12
5	Study of nickel, lanthanum and niobium-based catalysts applied in the partial oxidation of methane. <i>Catalysis Today</i> , 2020, 344, 15-23.	4.4	21
6	Catalytic cracking of palmitic and oleic acids pre-adsorbed on γ -alumina. <i>Catalysis Today</i> , 2020, 344, 234-239.	4.4	13
7	Thermal and Catalytic Pyrolysis of Dodecanoic Acid on SAPO-5 and Al-MCM-41 Catalysts. <i>Catalysts</i> , 2019, 9, 418.	3.5	8
8	Fast Catalytic Pyrolysis of Dilaurin in the Presence of Sodium Carbonate Alone or Combined with Alumina. <i>Catalysts</i> , 2019, 9, 993.	3.5	5
9	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.	4.4	47
10	Preparation of NiAlZr-terephthalate LDHs with high Al and Zr content and their mixed oxides for cyclohexane dehydrogenation. <i>Applied Clay Science</i> , 2018, 166, 137-145.	5.2	13
11	Mo influence on the kinetics of jatropha oil cracking over Mo/HZSM-5 catalysts. <i>Catalysis Today</i> , 2017, 279, 202-208.	4.4	35
12	Thermocatalytic cracking kinetics of myristic acid adsorbed on catalysts with different acidity. <i>Catalysis Today</i> , 2017, 289, 280-288.	4.4	14
13	Flash pyrolysis of myristic acid adsorbed on supported nickel catalysts for biofuel production. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 1875-1885.	3.6	15
14	Flash Pyrolysis of Oleic Acid as a Model Compound Adsorbed on Supported Nickel Catalysts for Biofuel Production. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	5
15	Combustion of Methane Using Palladium Catalysts Supported in Alumina or Zirconia. <i>Combustion Science and Technology</i> , 2014, 186, 518-528.	2.3	4
16	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.	5.5	25
17	Palladium-supported catalysts in methane combustion: comparison of alumina and zirconia supports. <i>Quimica Nova</i> , 2012, 35, 1118-1122.	0.3	5
18	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

#	ARTICLE	IF	CITATIONS
19	Characterization of Model Three-Way Catalysts. <i>Journal of Catalysis</i> , 1997, 166, 229-235.	6.2	51
20	Regeneration of a Pt-Sn catalyst: influence of heating rate, temperature and time of regeneration. <i>Fuel Processing Technology</i> , 1997, 50, 35-48.	7.2	15
21	Importance of pretreatment on regeneration of a Pt-Sn/Al ₂ O ₃ catalyst. <i>Fuel Processing Technology</i> , 1995, 42, 3-17.	7.2	17
22	The chemistry of coke deposits formed on a Pt-Sn catalyst during dehydrogenation of n-alkanes to mono-olefins. <i>Fuel Processing Technology</i> , 1994, 41, 13-25.	7.2	43
23	Modification of platinum-alumina catalysts. Effect of the addition of lithium to platinum in the dehydrogenation of cyclohexane. <i>Catalysis Letters</i> , 1994, 29, 109-113.	2.6	9
24	Reduction of cerias with different textures by hydrogen and their reoxidation by oxygen. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 773-781.	1.7	267
25	Temperature-programmed reduction: limitation of the technique for determining the extent of reduction of either pure ceria or ceria modified by additive. <i>Applied Catalysis A: General</i> , 1993, 98, 99-114.	4.3	61
26	Influence of the reduction temperature on the properties of silica-supported nickel catalysts. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 3313-3318.	1.7	15
27	Effect of the support on the Fischer-Tropsch synthesis with Co/Nb ₂ O ₅ catalysts. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 3975-3980.	1.7	36
28	Characterization of residual coke during burning. <i>Industrial & Engineering Chemistry Research</i> , 1992, 31, 1017-1021.	3.7	32
29	Effect of lithium and residual nitrate species on platinum dispersion in Pt/Al ₂ O ₃ catalysts. <i>Catalysis Letters</i> , 1992, 14, 57-64.	2.6	16
30	Hydrotreatment of Iraqi shale oil: behavior of the aromatic fraction. <i>Industrial & Engineering Chemistry Research</i> , 1991, 30, 2133-2137.	3.7	10
31	Modifications of surface properties of nickel/silica catalysts by nitrogen-containing compounds. <i>Applied Catalysis</i> , 1991, 76, 233-254.	0.8	13
32	Promotion of hydrogen uptake in cerium dioxide. <i>Applied Catalysis</i> , 1991, 78, 31-43.	0.8	41
33	Characterization of palladium-copper bimetallic catalysts supported on silica and niobia. <i>Applied Catalysis</i> , 1991, 78, 125-139.	0.8	73
34	Determination of the Accessible Metallic Surface of Supported Platinum Quantitative Infrared Spectroscopic Study of Carbon Monoxide Adsorption. <i>Applied Catalysis</i> , 1990, 59, 153-163.	0.8	52
35	Influence of sulphiding temperature on Ni-Mo/Al ₂ O ₃ catalyst for hydrodenitrogenation. <i>Catalysis Today</i> , 1989, 5, 443-450.	4.4	7
36	Influence of sulphidation conditions on the properties of NiW/Al ₂ O ₃ hydrotreating catalysts. <i>Catalysis Today</i> , 1988, 4, 39-55.	4.4	92

#	ARTICLE	IF	CITATIONS
37	Catalytic decomposition of vegetable oil. Applied Catalysis, 1983, 5, 299-308.	0.8	41
38	Thermal and Catalytic Fast Pyrolysis of Oily Extracts of Microalgae: Production of Biokerosene. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
39	Fast Catalytic Pyrolysis of Tetradecanoic Acid: Formation of Ketones as Intermediate Compounds in the Production of Hydrocarbons. Journal of the Brazilian Chemical Society, 0, , .	0.6	0