Katarzyna Antoniak-Jurak

List of Publications by Year
in descending order

20	184	1040056 9	1125743 13
papers	citations	h-index	g-index

20	20	20	246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the selection of the best polymorph of Al2O3 carriers for supported cobalt nano-spinel catalysts for N2O abatement: an interplay between preferable surface spreading and damaging active phaseâ€“support interaction. Catalysis Science and Technology, 2017, 7, 5723-5732.	4.1	22
2	The alcohol-modified CuZnAl hydroxycarbonate synthesis as a convenient preparation route of highÂactivity Cu/ZnO/Al2O3 catalysts for WGS. International Journal of Hydrogen Energy, 2019, 44, 913-922.	7.1	18
3	CO2 Hydrogenation to Methane over Ni-Catalysts: The Effect of Support and Vanadia Promoting. Catalysts, 2021, 11, 433.	3.5	17
4	Modified Zeolite Catalyst for a NOx Selective Catalytic Reduction Process in Nitric Acid Plants. Catalysts, 2021, 11, 450.	3.5	17
5	The Evaluation of Synthesis Route Impact on Structure, Morphology and LT-WGS Activity of Cu/ZnO/Al2O3 catalysts. Catalysis Letters, 2017, 147, 1422-1433.	2.6	15
6	Structure and morphology transformation of ZnO by carbonation and thermal treatment. Materials Research Bulletin, 2015, 65, 149-156.	5.2	14
7	Sour gas shift process over sulfided Coâ€“Moâ€“K catalysts supported on carbon material â€” Support characterization and catalytic activity of catalysts. Fuel Processing Technology, 2015, 138, 305-313.	7.2	12
8	Cu substituted ZnAl2O4 ex-LDH catalysts for medium-temperature WGS â€“ effect of Cu/Zn ratio and thermal treatment on catalyst efficiency. International Journal of Hydrogen Energy, 2019, 44, 27390-27400.	7.1	10
9	Flashâ€Calcined CuZnAlâ€LDH as Highâ€Activity LTâ€WGS Catalyst. European Journal of Inorganic Chemistry, 2019, 2019, 1792-1798.	2.0	9
10	Sulfur tolerant Coâ€“Moâ€“K catalysts supported on carbon materials for sour gas shift process â€” Effect of support modification. Fuel Processing Technology, 2016, 144, 305-311.	7.2	7
11	Zn-Al Mixed Oxides Decorated with Potassium as Catalysts for HT-WGS: Preparation and Properties. Catalysts, 2020, 10, 1094.	3.5	7
12	On the Effect of Flash Calcination Method on the Characteristics of Cobalt Catalysts for Ammonia Synthesis Process. European Journal of Inorganic Chemistry, 2021, 2021, 1518-1529.	2.0	7
13	The effect of La2O3 and CeO2 modifiers on properties of Niâ€“Al catalysts for LNG prereforming. International Journal of Hydrogen Energy, 2021, 46, 11664-11676.	7.1	6
14	Characteristics and catalytic behavior of NiAlCe catalysts in the hydrogenation of canola oil: the effect of cerium on cis/trans selectivity. Reaction Kinetics, Mechanisms and Catalysis, 2016, 119, 595-613.	1.7	5
15	Physicochemical Features and NH3-SCR Catalytic Performance of Natural Zeolite Modified with Ironâ€”The Effect of Fe Loading. Catalysts, 2022, 12, 731.	3.5	5
16	Preparation and evaluation of active Cu-Zn-Al mixed oxides to CS2 removal for CO2 ultra-purification. Journal of Hazardous Materials, 2020, 398, 122737.	12.4	4
17	WGS reaction empirical kinetics over novel potassium promoted ZnAlLa mixed oxides catalyst. Chemical Engineering Research and Design, 2020, 164, 293-298.	5.6	3
18	Heterostructural Mixed Oxides Prepared via ZnAlLa LDH or ex-ZnAl LDH Precursorsâ€”Effect of La Content and Its Incorporation Route. Materials, 2021, 14, 2082.	2.9	3

#	Article	IF	Citations
19	Quaternary Feâ€Cuâ€Crâ€Al HTâ€WGS Catalysts â€“ Effect of Al Substitution on the Efficiency at Steamâ€Lean Process Gas. European Journal of Inorganic Chemistry, 2020, 2020, 3474-3480.	2.0	3
20	Ecofriendly K-decorated ZnO/Zn(Al,La)2O4 catalyst for hydrogen production â€“ Effect of heterostructure on catalyst activity at steamâ€lean process gas. Fuel, 2021, 302, 121067.	6.4	0