MichaÅ, Åliwa

List of Publications by Year
in descending order

16	302	1040056 9	940533 16
papers	citations	h-index	g-index

16	16	16	452
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative study of CeO2/CuO and CuO/CeO2 catalysts on catalytic performance for preferential CO oxidation. International Journal of Hydrogen Energy, 2013, 38, 3597-3605.	7.1	65
2	Substituted Phthalic Anhydrides from Biobased Furanics: A New Approach to Renewable Aromatics. ChemSusChem, 2015, 8, 3052-3056.	6.8	62
3	An IR spectroscopy study of Co sites in zeolites CoZSM-5. Applied Catalysis A: General, 2007, 330, 33-42.	4.3	45
4	The usefulness of walnut shells as waste biomass fuels in direct carbon solid oxide fuel cells. Biomass and Bioenergy, 2018, 119, 144-154.	5.7	31
5	Effect of zeolite amount on the properties of Pt/(AlSBA-15Â+ÂBeta zeolite) micro-mesoporous catalysts for the hydroisomerization of n-heptane. Fuel, 2020, 280, 118607.	6.4	28
6	Impedancemetric NO sensor based on YSZ/perovskite neodymium cobaltite operating at high temperatures. Sensors and Actuators B: Chemical, 2016, 228, 612-624.	7.8	17
7	Steam reforming of ethanol over copper-zirconia based catalysts doped with Mn, Ni, Ga. International Journal of Hydrogen Energy, 2021, 46, 555-564.	7.1	12
8	Procedure for the synthesis of AlSBA-15 with high aluminium content: Characterization and catalytic activity. Microporous and Mesoporous Materials, 2020, 292, 109701.	4.4	11
9	Investigation on binary copper-based catalysts used in the ethanol steam reforming process. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 727-739.	1.7	9
10	Copper Tricomponent Catalysts Application for Hydrogen Production from Ethanol. Catalysts, 2021, 11, 575.	3.5	5
11	Modification of CuOâ€“ZrO2â€“ZnO Mixed Oxide Catalyst with Mn, Ga, Ni: Impact on Physicochemical Properties and Hydrogen Production via Low Temperature Steam Reforming of Ethanol. Catalysis Letters, 2022, 152, 3747-3760.	2.6	5
12	Influence of synthesis parameters on physicochemical properties of CuO/ZrO2 catalysts. Chemical Papers, 2019, 73, 2793-2802.	2.2	3
13	Modulation of ODH Propane Selectivity by Zeolite Support Desilication: Vanadium Species Anchored to Al-Rich Shell as Crucial Active Sites. International Journal of Molecular Sciences, 2022, 23, 5584.	4.1	3
14	Cu/Zn/Zr/Ga Catalyst for Utilisation of Carbon Dioxide to Methanolâ€”Kinetic Equations. Catalysts, 2022, 12, 757.	3.5	3
15	In situ IR studies on ethanol transformations over CuO, CuO/ZrO2 and CuO/ZrO2/ZnO catalysts modified with NiO. Journal of Molecular Structure, 2022, 1257, 132581.	3.6	2
16	The Properties of Cu Ions in Zeolites CuY Studied by IR Spectroscopy. Molecules, 2021, 26, 4686.	3.8	1