

Higher Alcohol Synthesis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterization of the Surface of MoS ₂ Based Catalysts Using Thermal Methods. <i>Studies in Surface Science and Catalysis</i> , 1992, 73, 3-10.	1.5	3
2	Dynamic Effects in CO Adsorption on Ru/ZSM-5. Part I: Oxidative Disruption of Ru. <i>Applied Spectroscopy</i> , 1992, 46, 1279-1287.	2.2	8
3	Production of branched-chain hydrocarbons via Isosynthesis. <i>Catalysis Today</i> , 1992, 15, 149-175.	4.4	24
4	Preparation and characterization of hydroxycarbonate precursors that yield successful alcohol synthesis catalysts. <i>Materials Chemistry and Physics</i> , 1993, 35, 233-239.	4.0	22
5	Catalysis in C ₁ chemistry: Future and prospect. <i>Catalysis Letters</i> , 1993, 22, 67-91.	2.6	79
6	The Different Catalytic Routes for Methane Valorization: An Assessment of Processes for Liquid Fuels. <i>Catalysis Reviews - Science and Engineering</i> , 1993, 35, 169-212.	12.9	208
7	Identifying the Reaction Network of the Higher Alcohol Synthesis Over Alkali-Promoted ZnCrO Catalysts. <i>Studies in Surface Science and Catalysis</i> , 1993, 75, 2765-2768.	1.5	0
8	Status and future opportunities for conversion of synthesis gas to liquid fuels. <i>Fuel</i> , 1994, 73, 1243-1279.	6.4	88
9	Synthesis of 2-methylpropan-1-ol and methanol mixtures from H ₂ and CO synthesis gas over double-bed Cs/Cu/ZnO/Cr ₂ O ₃ and Cs/ZnO/Cr ₂ O ₃ catalysts. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2525-2526.	2.0	7
10	Production of Methanol and Isobutyl Alcohol Mixtures over Double-Bed Cesium-Promoted Cu/ZnO/Cr ₂ O ₃ and ZnO/Cr ₂ O ₃ Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 1996, 35, 1534-1542.	3.7	50
11	Formation and detection of subsurface oxygen at polycrystalline Pd surfaces. <i>Catalysis Letters</i> , 1996, 39, 179-182.	2.6	8
12	A high pressure, high temperature infrared study of CO hydrogenation over Rh/ZrO ₂ . <i>Journal of Molecular Catalysis A</i> , 1996, 105, 175-183.	4.8	18
13	Role of methoxide species in isobutene formation from CO and H ₂ over oxide catalysts methoxide species in isobutene formation. <i>Journal of Molecular Catalysis A</i> , 1996, 112, 143-151.	4.8	12
14	Reactions of synthesis gas. <i>Fuel Processing Technology</i> , 1996, 48, 189-297.	7.2	526
15	Effect of Oxygenates on Water Uptake in Hydrocarbon Fuels. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 5023-5027.	3.7	8
16	High-Temperature Slurry Reactors for Synthesis Gas Reactions. 1. Liquid Thermal Stability. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 4143-4154.	3.7	7
17	Reaction and Surface Characterization Study of Higher Alcohol Synthesis Catalysts. <i>Journal of Catalysis</i> , 1997, 169, 438-446.	6.2	46
18	Isobutanol and Methanol Synthesis on Copper Catalysts Supported on Modified Magnesium Oxide. <i>Journal of Catalysis</i> , 1997, 171, 130-147.	6.2	79

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19	Reaction and Surface Characterization Study of Higher Alcohol Synthesis Catalysts. Journal of Catalysis, 1997, 172, 13-23.	6.2	36
20	Higher alcohol synthesis reaction study using K- promoted ZnO catalysts. III. Catalysis Letters, 1997, 45, 135-138.	2.6	35
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22	Alcohol synthesis in a high-temperature slurry reactor. Catalysis Today, 1997, 36, 255-263.	4.4	19
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38	Higher alcohol synthesis reaction study VI: effect of Cr replacement by Mn on the performance of Cs- and Cs, Pd-promoted Zn/Cr spinel catalysts. <i>Applied Catalysis A: General</i> , 1999, 183, 335-343.	4.3	17
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42	Title is missing!. <i>Catalysis Letters</i> , 1999, 62, 169-173.	2.6	17
43	Reaction and surface characterization study of Zn/Cr-based higher-alcohol synthesis catalysts X: Effects of excess promoter loading on surface chemistry. <i>Reaction Kinetics and Catalysis Letters</i> , 1999, 67, 225-232.	0.6	4
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52	Fe-modified CuMnZrO ₂ catalysts for higher alcohols synthesis from syngas. <i>Journal of Molecular Catalysis A</i> , 2004, 221, 51-58.	4.8	73
53	Self-condensation of propanol over solid-base catalysts. <i>Applied Catalysis A: General</i> , 2004, 275, 103-110.	4.3	28
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62	Co-decorated carbon nanotube-supported Co ²⁺ /Mo ²⁺ /K sulfide catalyst for higher alcohol synthesis. <i>Catalysis Letters</i> , 2006, 111, 141-151.	2.6	26
63	Technoeconomic Analysis of a Lignocellulosic Biomass Indirect Gasification Process To Make Ethanol via Mixed Alcohols Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 8887-8897.	3.7	112
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65	Heterogeneous catalytic synthesis of ethanol from biomass-derived syngas. <i>Chemical Society Reviews</i> , 2007, 36, 1514.	38.1	572
66	Conversion of syngas to higher alcohols over nanosized LaCo _{0.7} Cu _{0.3} O ₃ perovskite precursors. <i>Applied Catalysis A: General</i> , 2007, 326, 152-163.	4.3	73
67	Effect of alkali additives over nanocrystalline Co ²⁺ /Cu-based perovskites as catalysts for higher-alcohol synthesis. <i>Journal of Catalysis</i> , 2007, 245, 348-357.	6.2	141
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72	Catalytic properties of Cu/Co/Zn/Zr oxides prepared by various methods. <i>Journal of Natural Gas Chemistry</i> , 2008, 17, 397-402.	1.8	19

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74	Accessing Metal–Carbide Chemistry. A Computational Analysis of Thermodynamic Considerations. <i>Organometallics</i> , 2008, 27, 814-826.	2.3	21
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86	Selective synthesis of mixed alcohols from syngas over catalyst Fe ₂ O ₃ /Al ₂ O ₃ in slurry reactor. <i>Fuel Processing Technology</i> , 2010, 91, 379-382.	7.2	26
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88	Ni-decorated carbon nanotube-promoted Ni–Mo–K catalyst for highly efficient synthesis of higher alcohols from syngas. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 245-253.	20.2	61
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152	Cobalt-copper based catalysts for higher terminal alcohols synthesis via Fischer-Tropsch reaction. Journal of Energy Chemistry, 2016, 25, 895-906.	12.9	19
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