

# Methanol and dimethyl ether from renewable hydrogen fuels production and life-cycle assessment

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Improved stability of Pd/HZSM-5 bifunctional catalysts by the addition of promoters (CeO <sub>2</sub> , CaO) for the One-step synthesis of dimethyl ether from Sulfur-containing CO <sub>2</sub> hydrogenation. Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 1041-1047.	2.7	16
2	A life cycle assessment of oxymethylene ether synthesis from biomass-derived syngas as a diesel additive. Journal of Cleaner Production, 2017, 165, 1249-1262.	4.6	40
3	The influence of different promoter oxides on the functionality of hybrid CuZn-ferrierite systems for the production of DME from CO <sub>2</sub> -H <sub>2</sub> mixtures. Applied Catalysis A: General, 2017, 544, 21-29.	2.2	39
4	Development of an Efficient Methanol Production Process for Direct CO <sub>2</sub> Hydrogenation over a Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalyst. Catalysis, 2017, 7, 332.	1.6	42
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12	Environmental implications of the methanol economy in China: well-to-wheel comparison of energy and environmental emissions for different methanol fuel production pathways. Journal of Cleaner Production, 2018, 172, 1381-1390.	4.6	43
13	Carbon dioxide and ethanol from sugarcane biorefinery as renewable feedstocks to environment-oriented integrated chemical plants.. Journal of Cleaner Production, 2018, 172, 1232-1242.	4.6	22
14	Sustainable Conversion of Carbon Dioxide: An Integrated Review of Catalysis and Life Cycle Assessment. Chemical Reviews, 2018, 118, 434-504.	23.0	1,571
15	Vibration Analysis of the Engine Using Biofuel Blends: A Review. MATEC Web of Conferences, 2018, 225, 01010.	0.1	11
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17	Comparison of light-duty transportation fuels produced from renewable hydrogen and green carbon dioxide. Applied Energy, 2018, 231, 757-767.	5.1	79
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20	Advances in state-of-art valorization technologies for captured CO <sub>2</sub> toward sustainable carbon cycle. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 471-534.	6.6	70
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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