

# Karoline Kvande

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2468299/publications.pdf>

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1163117  
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docs citations

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times ranked

437  
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#	ARTICLE	IF	CITATIONS
1	The Nuclearity of the Active Site for Methane to Methanol Conversion in Cu-Mordenite: A Quantitative Assessment. <i>Journal of the American Chemical Society</i> , 2018, 140, 15270-15278.	13.7	177
2	On How Copper Mordenite Properties Govern the Framework Stability and Activity in the Methane-to-Methanol Conversion. <i>ACS Catalysis</i> , 2019, 9, 365-375.	11.2	53
3	Zeolite Surface Methoxy Groups as Key Intermediates in the Stepwise Conversion of Methane to Methanol. <i>ChemCatChem</i> , 2019, 11, 5022-5026.	3.7	45
4	EXAFS wavelet transform analysis of Cu-MOR zeolites for the direct methane to methanol conversion. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18950-18963.	2.8	35
5	Advanced X-ray Absorption Spectroscopy Analysis to Determine Structure-Activity Relationships for Cu-Zeolites in the Direct Conversion of Methane to Methanol. <i>ChemCatChem</i> , 2020, 12, 2385-2405.	3.7	17
6	Comparing the Nature of Active Sites in Cu-loaded SAPO-34 and SSZ-13 for the Direct Conversion of Methane to Methanol. <i>Catalysts</i> , 2020, 10, 191.	3.5	16
7	Influence of Cu-speciation in mordenite on direct methane to methanol conversion: Multi-Technique characterization and comparison with NH <sub>3</sub> selective catalytic reduction of NO <sub>x</sub> . <i>Catalysis Today</i> , 2021, 369, 105-111.	4.4	14
8	Synthesis-Structure-Activity Relationship in Cu-MOR for Partial Methane Oxidation: Al Siting via Inorganic Structure-Directing Agents. <i>ACS Catalysis</i> , 2022, 12, 2166-2177.	11.2	11