

# Michal Feřák

## List of Publications by Year in descending order

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5  
papers

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1936888

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Systematic Study of Methylation from Benzene to Hexamethylbenzene in H-SSZ-13 Using Density Functional Theory and Ab Initio Calculations. <i>ACS Catalysis</i> , 2020, 10, 8916-8925.	5.5	21
2	Simple Scheme to Predict Transition-State Energies of Dehydration Reactions in Zeolites with Relevance to Biomass Conversion. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23062-23067.	1.5	14
3	Theoretical investigation of the side-chain mechanism of the MTO process over H-SSZ-13 using DFT and <i>ab initio</i> calculations. <i>Catalysis Science and Technology</i> , 2021, 11, 3826-3833.	2.1	12
4	Influence of Confinement on Barriers for Alkoxide Formation in Acidic Zeolites. <i>ChemCatChem</i> , 2021, 13, 2451-2458.	1.8	6
5	Chemical Reactions and Phase Stabilities in the Si-Te System at High Pressures and High Temperatures. <i>Inorganic Chemistry</i> , 2022, 61, 7349-7357.	1.9	0