Deep oxidative desulfurization of planar compounds over functionalized metal-organic framework UiO-66(Zr): An optimization study
Barghi, Bijan; **Mõistlik, Tanel**; **Raag, Anastassia**; Volokhova, Maria; Reile, Indrek; Seinberg, Liis; **Mikli, Valdek**; **Niidu, Allan** ACS omega 2024 / p. 23329-23338 https://doi.org/10.1021/acsomega.3c09971 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kinetic modeling of catalyst deactivation for light gas catalytic cracking in the presence of steam
Barghi, Bijan; **Niidu, Allan** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 30 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Kinetic Modeling of Deep Oxidative Desulfurization over Functionalized UiO-66 from a Model Fuel Using Complex Reaction Theory
Barghi, Bijan; **Mõistlik, Tanel**; **Panov, Deniss**; **Raag, Anastassia**; **Järvik, Oliver**; **Niidu, Allan** ACS Omega 2025 / p. 15947-15958 https://doi.org/10.1021/acsomega.4c06722

Kinetic study of desulfurization over a metal organic framework based on complex reaction theory
Barghi, Bijan; **Mõistlik, Tanel**; **Raag, Anastassia** GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / 1 p https://fmtdk.ut.ee/programm-2023/

Performance of UIO-66-NH2 on oxidation of debenzothiophene from a model fuel : optimization using response surface methodology
Barghi, Bijan; Niidu, Allan; Raag, Anastassia; Jürisoo, Martin; Volokhova, Maria; **Mikli, Valdek** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 8 l. Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference 2022

Process optimization for catalytic oxidation of dibenzothiophene over UiO-66-NH2 by using a response surface methodology
Barghi, Bijan; **Jürisoo, Martin**; Volokhova, Maria; Seinberg, Liis; Reile, Indrek; **Mikli, Valdek**; **Niidu, Allan** ACS omega 2022 / p. 16288-16297 : ill https://doi.org/10.1021/acsomega.1c05965 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of water and zinc loading on LPG catalytic cracking for light olefin production using Response Surface Methodology
Barghi, Bijan; **Niidu, Allan**; Karimzadeh, Ramin Proceedings of the Estonian Academy of Sciences 2021 / p. 135-147 : ill https://doi.org/10.3176/proc.2021.2.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS