



Amir Mosayebi

Assistant Professor

College: Chemical Engineering

Education			
Degree	Graduated in	Major	University
BSc	2007	Chemical Engineering	Mohaghegh Ardebili, Ardebil, Iran
MSc	2010	Chemical Engineering	University of Tehran, Tehran, Iran
Doctoral	2014	Chemical Engineering	Tarbiat Modares, Tehran, Iran

Papers in Conferences

1. Amir Mosayebi, Ahmad Bayat, Farnoush Kia, Synthesis of Co/ZrO₂ catalyst for methane conversion to syngas, The 16th Iranian National Congress of Chemical Engineering, Tehran, 2019, 1-20.
2. Ahmad Bayat, & Amir Mosayebi, Application of Mo/HZSM-5 for Conversion of Vegetable Oils to Aromatics, The 16th Iranian National Congress of Chemical Engineering, Tehran, 2019, 1-20.
3. Amir Mosayebi, Ali Haghtalab, Synthesis of Co@Ru nanoparticles with core-shell structure over γ -Al₂O₃ support, Proceedings of 5th International Congress on Nanoscience & Nanotechnology, Iran-Tehran, October 2014, 22-24.
4. Amir Mosayebi, Mahmood Torabi Angaji, Parissa Khadiv, & Parsi, The effect of non-ionic surfactant on the interfacial tension between crude oil and water, SDTC 2010, Iran-Tehran, June 2010, 9-10.
5. Ali Haghtalab, Amir Mosayebi, Yadollah Mortazavi, Co@Ru/ γ -Al₂O₃ core-shell structure catalyst synthesis for Fischer-Tropsch synthesis, The 8th International Chemical Engineering Congress & Exhibition, Iran-Kish, February, 2014, 24-27.

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2. Amir Mosayebi, Kinetic modeling of catalytic partial oxidation of methane over Ni-Rh/ γ -Al₂O₃ catalyst for syngas formation, Journal of the Taiwan Institute of Chemical Engineers, Vol. 114, pp. 36-46, 2020, 9-25.
3. Amir Mosayebi, Methanol steam reforming over Co-Cu-Zn/ γ -Al₂O₃ catalyst: Kinetic and RSM-BBD modeling approaches, International Journal of Energy Research, 2020, 10-14.

4. Danial Batebi , Reza Abedini , Amir Mosayebi, Combined steam and CO₂ reforming of methane (CSCRM) over Ni–Pd/Al₂O₃ catalyst for syngas formation, International Journal of Hydrogen Energy, 2020 05 21.
5. A Mosayebi, M Nasabi, R Abedini, Evaluation and modeling of Fischer-Tropsch synthesis in presence of a Co/ZrO₂ catalyst, Petroleum Science and Technology, 2019 10 1.
6. Ali Haghtalab, Jafar Shariati, Amir Mosayebi, Experimental and kinetic modeling of Fischer–Tropsch synthesis over nano structure catalyst of Co–Ru/carbon nanotube, Reaction Kinetics, Mechanisms and Catalysis, 2019 1 30.
7. Jafar Shariati, Ali Haghtalab, Amir Mosayebi, Fischer–Tropsch synthesis using Co and Co-Ru bifunctional nanocatalyst supported on carbon nanotube prepared via chemical reduction method, Journal of Energy Chemistry, 10/01/2019.
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9. Amir Mosayebi, Reza Abedini, Effect of synthesis solution pH of Co/□-Al₂O₃ catalyst on its catalytic properties for methane conversion to syngas, Journal of Fuel Chemistry and Technology, 2018/3/19.
10. Reza Abedini, Amir Mosayebi, Mania Mokhtari, Improved CO₂ separation of azide cross-linked PMP mixed matrix membrane embedded by nano-CuBTC metal organic framework, Process Safety and Environmental Protection, 2018/2/1.
11. Amir Mosayebi, Reza Abedini, Detailed kinetic study of Fischer e Tropsch synthesis for gasoline production over Co-Ni/HZSM-5 nano-structure catalyst, International Journal of Hydrogen Energy, 2/11/2017.
12. Amir Mosayebi, The kinetic and experimental study for the syngas production from ethanol dry reforming over a Ni-Cu/La₂O₃ catalyst, International journal of Energy Research, 2022 4 26.
13. Amir Mosayebi, Steam reforming of ethanol to hydrogen formation: Kinetic modeling and experimental investigations, International journal of Chemical kinetics, 2021 12 28.
14. Amir Mosayebi, Reza Abedini, Hamid Bakhshi, Ni@Pd nanoparticle with core–shell structure supported over Al₂O₃ for partial oxidation process of butane to syngas, International Journal of Hydrogen Energy, 27/7/2017.
15. Amir Mosayebi, Mohammad Ali Mehrpouya, Reza Abedini , The development of new comprehensive kinetic modeling for Fischer–Tropsch synthesis process over Co-Ru/□-Al₂O₃ nano-catalyst in a fixed-bed reactor, Chemical Engineering Journal, 2016, نمایه.
16. Amir Mosayebi, Mahmood Torabi Angaji, Parissa Khad , Effect of temperature on interfacial tension between crude oil and ethoxylated nonyl phenols, Petroleum Science and Technology, 2016, نمایه.
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18. Amir Mosayebi, Mahmood Torabi Angaji, Koroush Bour , The effect of ethoxylated nonyl phenols on the interfacial tension between crude oil and water, Energy Sources, Part A, 2016, نمایه.
19. Amir Mosayebi, Ali Haghtalab , The comprehensive kinetic modeling of the Fischer-Tropsch synthesis over Co@Ru/□-Al₂O₃ core-shell structure catalyst, Chemical Engineering Journal, 2015, نمایه.
20. Ali Haghtalab, Amir Mosayebi , Co@Ru nanoparticle with core-shell structure supported over □-Al₂O₃ for Fischer-Tropsch synthesis, International of Hydrogen Energy, 2014, نمایه.
21. Amir Mosayebi, Reza Abedini , Partial Oxidation of butane to syngas using nano-structure Ni/Zeolite catalysts, Journal of Industrial and Engineering Chemistry, 2014, نمایه.
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30. Amir Mosayebi, Reza Abedini ,THE EFFECT OF NANOCCLAY ON THE VISCOSITY OF CRUDEOIL,Advances in Sustainable Petroleum Engineering Science,2011,نمایه.