

Mina Seidy-Esfahlan

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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	On Contract	Full Time	1

Papers in Journals

1. M Seidy ,& Esfahlan,Advancements in enhanced oil recovery with surface-modified silica nanoparticles: synthesis, mechanisms, and experimental insights,Journal of Molecular Liquids,2025/07/15.
2. M Seidy , Esfahlan, SA Tabatabaei , Nezhad, E Khodapanah,Comprehensive review of enhanced oil recovery strategies for heavy oil and bitumen reservoirs in various countries: Global perspectives, challenges, and solutions,Heliyon,2024/09/30.
3. Mina Seidy Esfahlan , Elnaz Khodapanah , Seyyed Alireza Tabatabaeinezhad,Production Improvement Mechanisms in Combined Low Salinity Water Flooding and Preformed Particle Gel Treatment,Results in engineering,2024 04 17.
4. Mina Seidy Esfahlan , Elnaz Khodapanah , Seyyed Alireza Tabatabaei Nezhad , Mehdi Salami Kalajahi,Swelling and rheological behavior of preformed particle gel nanocomposite: simultaneous effect of pressure, temperature, and salinity,Polymer Bulletin,pp. 8995–9013,2022 10 01.
5. Mina Seidy Esfahlan , Elnaz Khodapanah , Seyyed Alireza Tabatabaei Nezhad , Mehdi SalamiKalajahi,Fabrication, optimization and characterization of preformed-particle-gel containing nanogel particles for conformance control in oil reservoirs,Polymer Bulletin,pp. 7137–7159,2021 08 04.
6. Mina Seidy Esfahlan , Elnaz Khodapanah , Seyyed Alireza Tabatabaeinezhad,Comprehensive review on the research and field application of preformed particle gel conformance control technology,Journal of Petroleum Science and Engineering,2021 01 22.