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College: Faculty of Petroleum and Natural Gas
Engineering

Papers in Conferences

1. H. Ojaghi, M. Simjoo, M. Shahin and M. Chahardowli ,Geothermal energy extraction using abandoned oil and gas wells: Techno-economic review ,12th International Chemical Engineering Congress & Exhibition ,2023, تهران.
2. R. Khosravi, M. Simjoo and M. Chahardowl ,Application of Automatic History Matching in Upscaling Polymer Flood in Heterogeneous Reservoirs ,12th International Chemical Engineering Congress & Exhibition ,2023, تهران.
3. A. Hossein Molaei, M. Simjoo, M. Iravani and M. Chahardowli ,Experimental Insights into the EOR Potential of Graphene Oxide Nanofluid: A Micro-Scale Study ,12th International Chemical Engineering Congress & Exhibition ,2023, تهران.
4. M Rayhani, M Simjoo, M Chahardowli ,Effect of Brine Chemistry on Low Salinity Water: Interplay between Wettability Alteration and Emulsion Generation ,In 82nd EAGE Annual Conference & Exhibition ,2020.
5. B Shahmohammadi, M Simjoo, M Chahardowli ,A Mechanistic Study of the Effect of Water Salinity on Partitioning of Crude Oil Polar Components ,In 82nd EAGE Annual Conference & Exhibition ,2020.
6. B Shahmohammadi, M Simjoo, M Chahardowli ,Microscopic insights into the interaction of crude oil and low salinity water ,The 11th International Chemical Engineering Congress & Exhibition (IChEC 2020) ,2020.
7. A Mohammadi, M Chahardowli, M Simjoo ,nvestigation of Dynamic Swelling and Interfacial Tension of Crude Oil/Brine in the Presence of Ether Solvent ,In 82nd EAGE Annual Conference & Exhibition ,2020.
8. A Mohammadi, M Simjoo, M Chahardowli, M. Mousapour ,Interfacial property of the oil- brine system in the presence of asphaltene: Effect of ionic strength and asphaltene concentratio ,The 11th International Chemical Engineering Congress & Exhibition (IChEC 2020) ,2020, فومن.
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Conference and Exhibition, Copenhagen ,2018.

13. Hosseini ,& Nasab, S.M., Douarche, F., Nabzar, L., Simjoo, M., Bourbiaux, B. and Roggero, F ,Integrated Method for Numerical Simulation of Foam Flooding in Porous Media in the Absence and Presence of Oil ,n SPE EOR Conference at Oil and Gas West Asia. Society of Petroleum Engineers ,2018.
14. Mahmoudi, S and Simjoo, M ,Modeling of liquid unloading in vertical gas wells in the presence of foam ,80th EAGE Conference and Exhibition, Copenhagen, Denmark ,2018.
15. Keykhosravi, A. and Simjoo, M ,Application of gamma-alumina nanoparticles to enhance spontaneous imbibition in low permeable, oil-wet carbonate rocks ,80th EAGE Conference and Exhibition, Copenhagen, Denmark ,2018.
16. M. Iravani and M. Simjoo ,Modeling of Low Salinity Polymer Flooding by Fractional Flow Theory ,First International Conference on Improved/Enhanced Oil and Gas Recovery, International Society for Porous Media (InterPore) ,2017.
17. M. S. Mousapour, H. Pashaie and M. Simjoo ,Wettability alteration induced by silica nanoparticle in carbonate rocks ,First International Conference on Improved/Enhanced Oil and Gas Recovery, International Society for Porous Media (InterPore) ,2017.
18. M. Simjoo and M. S. Mousapour ,EOR screening study in the Soroosh oil field ,Oil and Gas Field Development Conference, Sharif University of Technology ,2017.
19. S.M. Hosseini ,& Nasab, P.L.J. Zitha, S.A. Mirhaj, M. Simjoo ,A New Chemical Enhanced Oil Recovery Method? ,SPE International Symposium on Oilfield Chemistry ,2015.
20. Simjoo, M., Zitha, P.L.J ,Immiscible Foam Flow for Enhancing Oil Recovery in Sandstone Porous Media ,The 8th International Chemical Engineering Congress & Exhibition, Kish, Iran ,2014.
21. R. Heins, M. Simjoo, P.L.J. Zitha, W.R. Rossen ,Oil Relative Permeability During Enhanced Oil Recovery by Foam Flooding ,SPE Annual Technical Conference and Exhibition ,2014.
22. Simjoo, M., Zitha, P.L.J ,Effects of Oil on Foam Generation and Propagation in Porous Media, ,Enhanced Oil Recovery Conference, Kuala Lumpur, Malaysia ,2013.
23. Simjoo, M., Zitha, P.L.J ,Effects of oil on foam generation and propagation in sandstone porous media ,17th European Symposium on Improved Oil Recovery, St Petersburg, Russia ,2013.
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32. Simjoo, M., Dadvand Koohi, A., Vafaie Seftie, M., Zitha, P.L.J ,Water shut-off in a fractured system using a robust polymer gel ,PE 122280, 8th European Formation Damage Conference, Scheveningen,

The Netherland ,2009.

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40. M. Simjoo, F. Abbasi, M. Mofidfar, and K. Jalili ,Bulk modification induced surface modification as a modification technique for silicone rubber ,Proceedings of European Polymer Congress, Moscow, Russia ,2005.
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 - خیرالهی، زایدی، سبحانی، چهاردولی و سیم جو، غربالگری روش های ازدیاد برداشت از مخازن نفتی با استفاده از تلفیق روش های هوش مصنوعی، پژوهش نفت، ۱۴۰۲.
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 - صیادی، چهاردولی و سیم جو، مطالعه سازوکارهای مؤثر بر بازیافت نفت در فرآیند تزریق متناوب پلیمر و گاز کربن دی اکسید با استفاده از میکرو مدل، پژوهش نفت، ۱۴۰۰.
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