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PUBLICATION

1. Lichinga, Kevin N.; Balikram, Archana; Ojha, Keka. "***Interfacial and bulk stabilization mechanisms of thermally stable anionic–zwitterionic foam fracturing fluids for unconventional-reservoir applications***". Energy & Fuels. Manuscript No.: ef-2026-03565m (10.1021/acs.energyfuels.6c03565)
2. Vinod Kumar Madem, Sayantan Ghosh and Archana Balikram "***Prediction of Critical Drawdown Pressures for the Onset of Sand Production Using Conventional Triaxial Tests: A Case Study of Himmatnagar Sandstone***". Petroleum & Petrochemical Engineering Journal. Article ID: PPEJ-RA-26-491 | Article Type: Research Article | Review Cycle: 2026
3. Anand, A., Mandal, M., Balikram, A. and Ojha, K., **2025**. ***Stability and Spontaneity Analyses of CO2 Sequestration in Cambay Shale, India: An Insight into the Sorption Thermodynamics and Pore Distribution***. Energy & Fuels, 40(1), pp.283-295.
4. Anand, A., Balikram, A. and Ojha, K., 2023. ***Evaluation of Pore Characteristics of Deeper Cambay Shale under Simulated Pre/Postsorption Conditions by CH4 and CO2 Gases***. *Energy & Fuels*, *37*(21), pp.16536-16550.
5. Raj, K.A., Balikram, A. and Ojha, K., 2022. ***Impact assessment of nanoparticles on microstructure and rheological behaviour of VES fracturing fluid formulated with mixed surfactant system***. *Journal of Molecular Liquids*, *345*, p.118241.
6. Kumar, A., Balikram, A. and Ojha, K., 2021. ***Deep transient testing methodology: An integrated approach to redefine the real-time reservoir complexities and well deliverability***. *Journal of Petroleum Science and Engineering*, *207*, p.109179.
7. Balikram, A., Sinha, S., Kumar, N.D. and Ojha, K., 2019. ***Characterization of porous media by chemical tracers using time-of-flight and residence time distribution concept***. *Asia-Pacific Journal of Chemical Engineering*, *14*(3), p.e2306.
8. Balikram, A. and Ojha, K., 2016. ***Studies on kinetics and thermodynamics of Cr (VI) adsorption onto sand to check feasibility of its use as tracer in oilfields***. *Asia-Pacific Journal of Chemical Engineering*, *11*(6), pp.1060-1068.