

Peer-Reviewed Articles:

1. Sharma, G. & Mohanty, K. K., "Wettability Alteration in High Temperature and High Salinity Carbonate Reservoirs," *SPE Journal*, 18 (4), 646-655 (2013). DOI: 10.2118/147306-PA
2. Panthi, K. & Mohanty, K. K., "Effect of Alkaline Preflush in an Alkaline-Surfactant-Polymer Flood," *Energy & Fuels*, February 5, 2013. DOI: 10.1021/ef301847z
3. Chen, P. & Mohanty, K. K., "Surfactant-mediated Spontaneous Imbibition in Carbonate Rocks at Harsh Reservoir Conditions," SPE 153960-PA, *SPE Journal*, 18 (1), 124-133 (2013). DOI: 10.2118/153960-MS
4. Whittenton, J., Pitchumani, R., Thevananther, S., and Mohanty, K. K., "Evaluation of asymmetric Immunoliposomal Nanoparticles for Cellular Uptake," *J. of Microencapsulation* 30, 55-63 (2013). DOI: 10.3109/02652048.2012.696152
5. Kathel, P. & Mohanty, K. K., "Wettability Alteration in a Tight Oil Reservoir," *Energy & Fuels*, Energy & Fuels, 2013. DOI: 10.1021/ef4012752
6. Kumar, R., Dao, E., & Mohanty, K. K., "Heavy-Oil Recovery by In-Situ Emulsion Formation," *SPE Journal*, 17 (2), 326-334 June 2012 (2012). DOI: 10.2118/129914-PA
7. Mohanty, K. K., "Meeting Tomorrow's Energy Need, Minimizing Environmental Impact," *The Way Ahead*, Society of Petroleum Engineers, 8 (1), 14-15 (2012).
8. Sani, A., Gu, M. & Mohanty, K. K., "A Mathematical Model for VOC Emission Through A Foam Column," *Chemical Engineering Communications*, September 24, 2012 (2012). DOI: 10.1080/00986445.2012.680986
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11. Doorwar, S. & Mohanty, K. K., "Pore-Scale Fingering during Viscous Oil Displacement," Manuscript A021, Proceedings of International Symposium of the Society of Core Analysts, Austin, TX, September 18- 21, 2011.
12. Lewis, E. & Mohanty K. K., "Partially Miscible Vapex Displacement of a Moderately Viscous Oil," *J. Petroleum Sci. & Engg.*, 77 (1), 104-110 April 2011 (2011). <http://dx.doi.org/10.1016/j.petrol.2011.02.008>
13. Bhambri, P. & Mohanty, K. K., "Compositional Streamline Simulation – A Parallel Implementation," *Transport in Porous Media*, 90 (3), 741-761 August 2011 (2011), DOI: 10.1007/s11242-011-9813-y.
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