

Publications

Chemical and Petroleum Engineering Department

Year 2015

Journals

1. Mohamed Y. E. Selim, Mamdouh Ghannam, Saud Aldajah, and H. E. Saleh, "Effect of Temperature and Mixing on Density and Viscosity of Jojoba-Diesel Fuels", In Press Energy Sources, Part A (2015).
2. A. Zekri, H. Al-Attar, O. Al-Farisi, R. Almehaideb, and E. Lwisa: "Experimental investigation of the effect of injection water salinity on the displacement efficiency of miscible carbon dioxide WAG flooding in a selected carbonate reservoir," Journal of Petroleum Exploration and Production Technology," Feb. 2015, DOI 10.1007/s13202-015-0155-0
3. S. Al-Zuhair, A. Khalil, M. Hassan, A. Abdulrazak, K. Basil, A. Fardoun (2015) Performance Evaluation of LPG Desulfurization by Adsorption for Hydrogen Production. Journal of Energy Chemistry (Elsevier) – Accepted.
4. S. Al-Zuhair, M. Abualreesh, K. Ahmed, A. Abdulrazak (2015) Enzymatic Delignification of Biomass for Enhanced Fermentable Sugars Production. Energy Technology (J-Wiley) 3: 121-127.
5. Muftah H. El-Naas, Maisa El Gamal, Suhaib Hameedi, Abdel-Mohsen O. Mohamed (2015) "CO₂ sequestration using accelerated gas-solid carbonation of pre-treated EAF steel-making bag house dust" Journal of Environmental Management Volume 156, 218–224.
6. Omar Chaalal, Abdulrazag Y. Zekri; Ahmed M. Solimanb, "A novel technique for the removal of strontium from water using thermophilic bacteria in a membrane reactor," Journal of Industrial and Engineering Chemistry, Volume 21, 25 January 2015, Pages 822–827.
7. Abdulrazag Zekri, Hazim Al-Attar, Omar Al-Farisi, Reyadh Almehaideb and Essa Georges Lwisa, "Experimental investigation of the effect of injection water salinity on the displacement efficiency of miscible carbon dioxide WAG flooding in a selected carbonate reservoir," Journal of Petroleum Exploration and Production Technology, Feb. 2015.
8. Hossain, Md. M.* and O. Chaalal (2016). "Liquid-liquid Separation of Aqueous Ammonia using a Hollow-fibre Membrane Contactor", Desalination and Water Treatment, 1-11, Published online, DOI:10.1080/19443994.2015.1129505
9. Khurshid, I., Fujii, Y., and Choe, J. 2015. Analytical Model to Determine CO₂ Injection Time in a Reservoir for Optimizing its Storage and Oil Recovery: A Reservoir Compaction Approach. Journal of Petroleum Science and Engineering. 135: 240-245 (Thomson Reuter Impact Factor: 1.416).
10. Khurshid, I., and Choe, J. 2015. Analysis of Asphaltene Deposition, Carbonate Precipitation, and their Cementation in Depleted Reservoirs during CO₂ Injection. Greenhouse Gases: Science and Technology 5:1-11. (Thomson Reuter Impact Factor: 2.147).

11. Mamdouh T. Ghannam, Mohamed Y. E. Selim, Saud Aldajah, Hosam E. Saleh, and Adel M. M. Husien, "Effect of Blending on Physiochemical Properties of Jojoba-Diesel Fuels", Biofuels, DOI:10.1080/17597269.2015.1123982 (2016).

Nayef Mohamed Ghasem

1 publication

European journal of Engineering Education

Enhanced teaching and student learning through a simulator-based course in chemical unit operations design

Mamdouh T. Ghannam,

Mohamed Y. E. Selim, and Adel M. Hussein, "Physical-Chemical Properties of Water-in-Diesel Fuel Emulsions", In Press **International Journal of Petroleum Technology** (2015).