

Chemical and Petroleum Engineering

Year 2013

Conference Papers

1. Abbaszadegan, S., Al-Marzouqi, A.H., Salem, A.A., Amin, A., “Physicochemical Characterization of Safranal- β -cyclodextrin Inclusion Complexes Prepared by Supercritical Carbon Dioxide and other Conventional Methods”, The 24th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2013), June 30-July 3, 2013, Bologna, Italy.
2. Al Ahmad, M., Al-Marzouqi, A.H., “Exit Exam as Academic Indicator”, The Second International Conference on E-Learning and E-Technologies in Education, September 23-25, 2013, Lodz, Poland.
3. Ayesh, Ahmad; Ahmed, Haya; Awwad, Falah; Abu-Eishah, S.I.; Mahmoud, S.T., “Fabrication of Size-Selected Ti Nanoclusters by Inert Gas Condensation”, in “Advanced Materials World Congress", Izmir –Turkey, September 16-19, 2013.
4. Compatibilizer on the Mechanical Properties of WS₂ Nanotubes-Reinforced Polypropylene’, American Institute of Chemical Engineers (AIChE) Meeting, 3-8 November, 2013, San Francisco, CA, USA.
5. Dohai, B.S., Al-Marzouqi, A.H., “Supercritical CO₂ Extraction of Henna Flower and its Compositional Analysis”, 10th Conference on Supercritical Fluids and their Applications, April 29-May 6, 2013, Naples, Italy.
6. El-Naas, M. H., A-M Mohamed, M. El Gamal, Sequestration of Carbon Dioxide using EAF Steel Slag in a Fluidized Bed Reactor, *The World Congress of Chemical Engineering, WCCE 9*, August 2013, Seoul, Korea.
7. Ghasem N.M., M. Al-Marzouqi, N. Abdul Rahim, Absorption of acid gas via gas-liquid membrane contactors and potassium glycinate as solvent. The 2nd international

conference on water energy & environment 2013. September 21-24, 2013 Kusadasi, Turkey.

8. Ghasem N.M., M. Al-Marzouqi, N. Abdul Rahim, Absorption of CO₂ from natural gas utilized gas-liquid PVDF hollow fiber membrane contactors via potassium glycinate solvent. 11th International conference on membrane science and technology, Seri pacific hotel, Kuala Lumpur, 27-29th August 2013.

Books

Edited Books

Book Chapters

Patents

1. El-Naas, M. H., J. Acio and A. Hassan "Spouted Bed Bio-Reactor System" US Patent Application No. 13/975,834
2. El-Naas, M.H. and S. Al-Zuhair, "Process and System for the Treatment of Industrial and Petroleum Refinery Wastewater"; US Patent Application No. US 2013/0206688
3. Zhu, J, Perinpanayagam, H, Mozumder, M.S, Zhang, H, and Shi, W, "Biocompatible Polymer Nanoparticle Coating Composition and Method of Production Thereof", US Patent, 20,130,059,946, 2013