

Chemical and Petroleum Engineering

2011	
Conference Papers	
1.	Abu-Eishah, S.I. & H.S.A. Babahar, "Investigation on the Minimization of SO ₂ Emissions at ADGAS (UAE) PART II – Impact on Das Island Air Quality", <i>International Journal of Environmental Pollution Control & Management</i> , Vol. 3, No. 1, January-June 2011, pp. 23-40.
2.	Abu-Eishah, S.I. & H.S.A. Babahar, "Investigation on the Minimization of SO ₂ Emissions at Das Island (UAE): PART I- Current Schemes vs. Modified Schemes", <i>International Journal of Environmental Pollution Control & Management</i> , Vol. 3, No.1, January-June 2011, pp. 47-67.
3.	Abu-Jdayil B., S.A. Al-Omari, H. Taher and L. Al-Nuaimi. 2011. Rheological Characterization of Clay-Polyester Composites, <i>Procedia Engineering</i> 10: 716-721.
4.	Abu-Jdayil, B. 2011. Rheology of Sodium and Calcium Bentonite–Water Dispersions: Effect of Electrolytes and Aging Time, <i>International J. of Mineral Processing</i> , 98:208-213.
5.	Achilias D. S., E. Panayotidou, I. Zuburtikudis, (2011), "Thermal degradation kinetics and isoconversional analysis of biodegradable poly(3-hydroxybutyrate)/organomodified montmorillonite nanocomposites", <i>Thermochimica Acta</i> , 514, Issues 1-2, 58-66
6.	Al-Attar, H., M. Elwy and M. Yehia: "Comparison and Discussion of Deliverability Relationships for Gas Wells," <i>Journal of Advances in Sustainable Petroleum Engineering Science</i> , Vol. 2 Issue 3 (2011) 263-281.
7.	Al-Attar, H., N. Abu Al-Soof and T. Al-Ani: "A Study of Multiphase Flow in High-Rate Oil Wells," <i>Journal of Advances in Sustainable Petroleum Engineering Science</i> , Volume 2, Issue 2 (2011) 175-199.
8.	Al-Attar, H.,: "Estimating Average Reservoir Pressure and Well Flow Efficiency in Depletion-Drive Reservoirs," <i>Journal of Advances in Sustainable Petroleum</i>

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9. Al-Attar, H.,: “Evaluation of Oil Foam as a Displacing Phase to Improve Oil Recovery: A Laboratory Study,” <i>Journal of Petroleum Science and Engineering</i> , Volume 79, Issue 3 – 4 (2011) 101 – 112.
10. Al-Attar, H. and B. Abu-Jdayil. 2011. “Outcomes Assessments of Petroleum Engineering Program at the United Arab Emirate University: A Systematic Approach”, <i>Journal of Advances in Sustainable Petroleum Engineering Science (ASPES)</i> , 2: 47-68.
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12. Al-Zuhair S. and M. H. El-Naas, Immobilization of <i>Pseudomonas Putida</i> in PVA Gel Particles for the Biodegradation of Phenol at High Concentrations, <i>Biochemical Engineering Journal</i> , 56, 1-2 (2011) 46-50.
13. Al-Zuhair S., A. Almenhali, I. Hamad, M. Alshehhi, N. AlSuwaidi, S. Mohamed. Enzymatic production of biodiesel from used/waste vegetable oils: design of a pilot plant. <i>Renewable Energy</i> 36 (2011) 2605-2614
14. Al-Zuhair S., K.B. Ramachandran, M. Farid, M.K. Aroua, P. Vadlani, S. Ramakrishnan and L. Gardossi. Editorial: Enzymes in biofuels production. <i>Journal of Enzymes Research</i> (2011) Article ID 658263
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16. El Keblawy, A., Al Neyadi, S.S., Rao, M.V., Al-Marzouqi, A.H., “Interactive Effects of Salinity, Light and Temperature on Seed Germination of Sand Dunes Glycophyte <i>Cyperus Conglomeratus</i> Growing in the United Arab Emirates Deserts”, <i>Seed Science &</i>

<i>Technology</i> , 39, 364-376 (2011).
17. El-Naas M.H., A.I. Mourad, S. Al-Zuhair, R. Surkatti. Characterization of polyvinyl alcohol (PVA) gel as support formicrobial immobilization. <i>Special Abstracts/Journal of Biotechnology</i> 150S (2011) S1–S576
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19. Faiz, F., M. H. El-Naas, and M. H. Al-Marzouqi, Significance of Gas Velocity Change during the Transport of CO ₂ through Hollow Fiber Membrane Contactors, <i>Chemical Engineering Journal</i> , 168 (2011) 593–603.
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Patents
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