



University of Nizwa

College of Engineering and Architecture

Research Publications

(2013-2014)

College of Engineering & Architecture

Academic Year: 2013 - 2014

#	Paper Details (Author(s) , title)	Journal Details (Title, volume, issue, page.no, year, publisher, country)	Journal Quality (SCI, ISI, Science direct, Scopus, Impact factor, SNIP, SJR etc.)	No. of Citations	Dept.
1	Nasir Uddin, W.M.A.Wan Daud , <u>Hazim F. Abbas</u> (2014). Potential hydrogen and non-condensable gases production from biomass pyrolysis: Insights into the process variables.	<i>Renewable and Sustainable Energy Reviews</i> 27 , 204–224. Elsevier Pub., 2014 (November 2013)	Science Direct, Impact factor =5.627	0	Chemical Engineering
2	Nasir Uddin, W.M.A.Wan Daud , <u>Hazim F. Abbas</u> (2014). Effects of pyrolysis parameters on hydrogen formations from biomass	<i>Royal Society of Chemistry advances.</i> 4 , 10467- 90. Scopus (ACS publication) 2014 (first published online (18 Dec 2013)	Impact factor =2.562	0	Chemical Engineering
3	Olumide B. Ayodele , <u>Hazim F. Abbas</u> , Wan Mohd Ashri Wan Daud (2014). Preparation and Characterization of Zeolite Supported Fluoro-palladium Oxalate Catalyst for Hydrodeoxygenation of Oleic Acid into Paraffinic Fuel.	<i>Industrial & Engineering Chemistry Research.</i> 53 (2), 650–657. Scopus (ACS publication) 2014 (December 19, 2013)	Impact factor =2.206	0	Chemical Engineering
4	Amjed A. Ali, <u>Hazim F. Abbas</u> , W.M.A. Wan Daud (2014). Hydrogen production via thermo-catalytic decomposition of methane over carbonaceous catalysts: Full factorial design.	<i>International Journal of Hydrogen Energy.</i> 39 (13),7004-7014. Elsevier Pub., 2014 (24 April 2014)	Impact factor =3.548	0	Chemical Engineering
5	O. B. Ayodele, <u>Hazim F. Abbas</u> , Wan Mohd Ashri Wan Daud (2014). Hydrodeoxygenation of Shea butter to produce diesel-like fuel using acidified and basic Al ₂ O ₃ supported molybdenum oxalate catalyst - with Aspen Hysys simulation study	<i>Energy Education Science and Technology Part A: Energy Science and Research.</i> 32(1): 383-396. Elsevier Pub (2014)	Impact factor = 31.677	0	Chemical Engineering
6	Salam Al-Dawery (2014) , “Regeneration of Activated Carbon Using Photo-Oxidation Process”	Advanced Materials Research Vol. 906 (2014) pp 159-166, Trans Tech Publications, Switzerland.	(SCOPUS)		Chemical Engineering
7	Salam Al-Dawery (2013) “Photocatalyzed Degradation of Tartrazine in Wastewater Using TiO ₂ and UV Light”	Journal of Engineering Science & Technology, Volume 8, Issue 6, Dec (2013) pp 693-702	(Scopus, IF 0.35, SJR =0.21 H Index: 4		Chemical Engineering
8	Salam K Al-Dawery and Mustafa S Nasser (2013) “Conditioning Process of a Fresh Activated Sludge”	International Journal of Environmental Science and Engineering Vol:7 No:12, Dec (2013) pp 195-199.	(SCOPUS)		Chemical Engineering

9	Salam Al-Dawery (2013) “Methanol Removal from Methanol-Water Mixture Using Municipal Activated Sludge”,	Journal of Engineering Science & Technology, Volume 8 Issue 5, Nov (2013) pp 592-602	(SCOPUS)		Chemical Engineering
10	Salam Al-Dawery , "Rheological Behavior of Fresh Activated Sludge"	World Academy of Science, Engineering and Technology International Journal of Medical, Dentistry, Pharmaceutical, Health Science and Engineering Vol:8 No:6, 2014	(SCOPUS)		Chemical Engineering
11	Khashayar Nasrifar , Mahmood Moshfeghian, Vapor-Liquid Equilibria of Binary Associating Fluids Using a Cubic Equation of State with Limited Data	Industrial and Engineering Chemistry Research 53 (Jan. 2014) 2052-2061. American Chemical Society	ACS Impact factor = ~ 2		Chemical Engineering
12	Ali, S.A , "Stabilization of Granular Volcanic Ash in Sana'a Area".	Journal of Engineering Science & Technology, Vol.9, Issue 1, PP 15-25, School of Engineering, Taylor's University- Malaysia , Feb. 2014	Scopus, SJR :0.21 H Index: 4	1	Civil Engineering
13	Dr. Hamid R. Abdul Salam , "Development of a New Truss Quadratic Quadrilateral Macro-Element"	Jordan Journal of Civil Engineering, Vol.8, No.4, 2014	----	-----	Civil Engineering
14	Munaf Najim Al-Din , Ahmad Aljaafreh, Nashat Albdoor, Maen Saleh: “Driving Styles Recognition Using Decomposed Fuzzy Logic System”	INTERNATIONAL JOURNAL OF ELECTRICAL, ELECTRONICS AND COMPUTER SYSTEMS (IJEECS), Vol. 16, Issue 1, pp. 820-824, 2013, International Journal of Electrical, Electronics and Computer Systems (IJEECS) Press, Australia	0.837		Electrical & Computer Engineering
15	Munaf S. N. Al-Din , Majid A. Al-Tae: “EFFICIENCY OPTIMIZATION OF AN OPENLOOP CONTROLLED PERMANENT MAGNET SYNCHRONOUS MOTOR DRIVE USING ADAPTIVE NEURAL NETWORKS”	European Scientific Journal (ESJ), Vol. 10, No. 3, pp. 309-330, 2014, European Scientific Institute, Portugal .	ESJ's Index Copernicus Impact Factor, ICV 2013 = 8.25		Electrical & Computer Engineering