



University of Nizwa

College of Engineering and Architecture
Research Publications
(2015-2016)

College of Engineering & Architecture					
Academic Year: 2015- 2016					
#	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.	Dept
1	Fawzi M. Elfghi, A hybrid statistical approach for modeling and optimization of RON: A comparative study and combined application of response surface methodology (RSM) and artificial neural network (ANN) based on design of experiment (DOE)	Chemical Engineering Research and Design, 113, 264-272, 2016, ELSEVIER	IP = 2.525 (Thompson Reuters)		CPED
2	Fawzi M Elfghi, Catalytic Naphtha Reforming; Challenges for Selective Gasoline; an Overview and Optimization Case Study	Journal of Advanced Catalysis Science and Technology, 3, 27-42, 2016, Cosmos Scholars Publishing House, Pakistan	None		CPED
3	Rahmanian, N., I. Bin Ilias, Khashayar Nasrifar Process simulation and assessment of a back-up condensate stabilization unit	Journal of Natural Gas Science and Engineering, 26,730-736, 2015, Elsevier	IP = 2.045 (Thompson Reuters)		CPED
4	Salam K. Al-Dawery, isam h. Aljundi, Methanol removal from methanol-water mixture	Journal of Engineering Science and Technology,10, (12),1615-1627, 2015, Taylora's University, Malaysia,	SJR = 0.25		CPED
5	S.Sreedhar Reddy, Salam Kadhim Hasan, Vehicular Traffic Noise in Vellore Municipality, Tamil Nadu, India	Amity Journal of Engineering and Technology, 1 (1), 48-51, 2016, Amity University, UAE	None		CPED
6	Ayham M. Ismail Al-Rahawi, Salam Kadhim Al Dawery, Influence of inlet distributor and column diameter on hydrodynamic characteristics in rdc liquid extraction column	International Journal of Research in Engineering and Technology, 5, (4), 359-372, 2016, eSAT Publishing , India	IJRET = 3.935 (Journal website)		CPED
7	Khalida F. Al-Azawi, Shaimaa B. Al Baghdadi, Ayad Z. Mohamed, Ahmed A. Al Amiery, Talib K. Abed, Salam A. Mohammed, Abdul Amir	Chemistry Central Journal, 10 (23), 10-23,2016, Springer Open.	IP = 2.55 (Journal website)		CPED

	H. Kadhum and Abu Bakar Mohamad, Synthesis, inhibition effects and quantum chemical studies of a novel coumarin derivative on the corrosion of mild steel in a hydrochloric acid solution				
8	Taghried A. Salman, Khalida F. Al.Azawi, Shaymaa S. H. Al-Hashimi Hasan R. Obayes Shaimaa B. Al-Baghdadi Abdulnasser M. AL-Gebori, Salam A. Mohammed , Ahmed Al-Amiery, Comparison and Evaluation studies for corrosion inhibition of mild steel in hydrochloric acid solution by some thiadiazole derivatives	Wulfenia, 23 (5), 46-58, 2016, BGLK, Austria	SJR = 0.14		CPED
9	Zainab Hussain, Salam A. Mohammed , Hanan Ibraheem, Naqeebullah Khan, Bashar Mudhaffar Abdullah, Emad Yousif, Photo-fenton reaction: how to remediation waste-water using (Fe +2 / UV)	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 7, (4),1072-1078, 2016, RJPBCS, India	SJR = 0.19		CPED
10	Salam A. Mohammed , Ali Hasan, Wasan A. Al-Taay, Ahmed Ahmed, Majid Khalaf, Emad Yousif, Optical properties Study of New Films Derived from poly(vinyl chloride)- N-(4-Hydroxy-phenyl)-acetamide.	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 7, (4), 1064-1071, 2016, RJPBCS, India	SJR = 0.19		CPED
11	Wasan A. Al-Taay, Salam A. Mohammed , Hadeel Adil, Naqeebullah Khan, Ali Hasan, Majid Khalaf, Emad Yousif, Optical properties and afm study of new polymers derived from poly(vinyl chloride)-2- acetoxy benzoic acid complexes	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 7, (4), 1079-1086, 2016, RJPBCS, India	SJR = 0.19		CPED
12	A.A. Rashad, R. Noaman, S.A. Mohammed , E. Yousif, Synthesis of Carbon Nanotube : A Review	Journal of Nanoscience and Technology, 2(3),155–162, 2016, American Scientific Publisher	SJR = 0.36		CPED
13	Wameath S. Abdul-Majeed , Ghanim S. AAl-Thani, Jamal N. Al-Sabahi, Application of Flying Jet Plasma for Production of Biodiesel Fuel from Wasted Vegetable Oil	Plasma Chemistry and Plasma Processing, 36 (6), 1517-1531, 2016, Springer, USA	IP = 1.81 (Thompson Reuters)		CPED
14	Yavuz YARDIM, Ornela Lalaj Shear Strengthening of Unreinforced Masonry Wall with Different Fiber Reinforced Mortar Jacketing	Journal of Construction and Building Materials. Vol.102,(2016), Page 149-154 UK	SCI, ISI, Science Direct Impact Factor = 2.71		Civil and Environmental Engineering
15	Enea Mustafaraj , Yavuz Yardim , Determination of	American Journal of Engineering Research (AJER), Volume-5,2016, Issue-1, pp-100-104.			Civil and Environmental

	structural behavior of a unreinforced masonry Clock Tower using FEM analysis,	USA			Engineering
16	S.Sreedhar Reddy and Salam Kadhim Hasan, Vehicular traffic noise in Vellore Municipality, Tamilnadu, India- An analysis	Amity Journal of Engineering and Technology, Vol:1, No:1 PP:48-51, May 2016, Amity University, Dubai			Civil and Environmental Engineering
17	Javid, M.A. Identifying the Public Transport Improvement Policies from Attitudes of Car, Motorcycle and Public Transport Users in Lahore: A Qualitative Study	<i>International Journal of Transportation Engineering and Traffic System</i> , Vol. 2, No. 1. pp. 36-49, 2016.	Not available	nil	Civil and Environmental Engineering
18	Javid, M.A. Effect of Polymer Modification on Rheological Properties of Asphalt.	<i>Journal of Civil Engineering Research</i> , Vol. 6, No. 3, pp. 55-60, 2016.	Not available	nil	Civil and Environmental Engineering
19	Title: Development of a feature based open soft CNC System, Authors: Kamran Latif, Yusri Yusof, Aydin Nassehi, Qadir Bux alias Imran Latif ,	Journal: International Journal of Advanced Manufacturing Technology, Springer DOI: 10.1007/s00170-016-9124-0 Link: http://link.springer.com/article/10.1007/s00170-016-9124-0 Year: 2016,	ISI Impact factor = 1.568		
20	Title: Structural Analysis of Concrete Dam. Authors: A. Abdulrazeg , Nasrellah Hassan, Qadir Bux Alias Imran.	Journal: Amity Dubai Journal of Engineering and Technology (ADJET), Year: 2016, Volume:1, Issue:1, Pp: 37 – 41.			
21	Munaf Salim Najim Al-Din , Prediction and Measurement of Surface Mounted Permanent Magnet Motor Performance with Soft Magnetic Composite and Laminated Steel Stator Cores	WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS, Vol4, 2015, pp. 276-282			Electrical Engineering