

قسم الهندسة الميكانيكية

جدول يبين عناوين الأبحاث العلمية لأعضاء هيئة التدريس العاملين في جامعة البلقاء التطبيقية

اسم المؤلف	الكلية	عنوان البحث / الكتاب	سنة النشر	اسم المجلة / المؤتمر
Dr. Al-Hasan M.	Faculty of Engineering Technology	The effect of iso-Bntanol-Diesel blends on engine performance	Accepted for publication 2008	Transpor research Journal
M-Al. Busoul, Z-Al – Qodah, A. Khreawish	Faculty of Engineering Technology	Hydrodynamics and heat transfer characteristics of G – S magnetically stabilized beds consisting of admixture of shale oil and particles, Heat and Mass Transfer .	2007	Springer Verlag
Z-Al – Qodah, M-Al. Busoul, A. Khreawish	Faculty of Engineering Technology	Hydrodynamics and heat transfer characteristics of G – S magnetically stabilized beds consisting of magnetic and non magnetic admixtures .	2007	World Academy of Science, Engineering and Technology, Vol. 23
Omar Al-Ayed, Suleiman Abu-Ein	Faculty of Engineering Technology	Variable Activation Energy to Model Oil Shale Pyrolysis Kinetics.	2007	27 th Oil Shale Symposium. Colorado School of Mines, the Colorado Energy Research Institute
Suleiman Abu-Ein	Faculty of Engineering Technology	The Effect of Soot Layer on Transmission Losses and Noise Reduction Factor of a Diesel Particulate Fitter Unit.	2008	Journal of Engineering Sciences
Waleed Momani	Faculty of Engineering Technology	The Effect of Porous Media Properties on Transmission Losses (TL) of a Diesel Particulate Filter (DPF) unit.	2008	Journal of Engineering Sciences
N.M. Jubeh Issameddin M. Abdullah	Faculty of Engineering Technology	Starting and Stopping Times Management for Hydraulic Power Drive Systems	2007	International Journal of heat and technology, Vol. 25(2)

International Journal of sustainable energy	2007	Comparison of Performance for Cascaded Humidified Advanced Turbine (CHAT) with the Corresponding Combined System (CACT).	Faculty of Engineering Technology	N.M. Jubeh Y. S. H. Najjar
	2007	Fatigue properties under constant stress/variable stress amplitude and coxing effect of acicular ductile iron and 42 CrMo4 steel .	Faculty of Engineering Technology	R. I. Kheder N. M. Jubeh E. M. Tahah
The 6 th Jordanian International Mechanical Engineering Conference (Jimec,6)	2007	Deposition of Nano Composite (Ti, AL, Si) N Coatings	Faculty of Engineering Technology	Khaleel Abushgair
International Journal for Heat and Technology, Vol 24.N.2	2006	Pumping and Throtting (Valving) Heating Effect on Liquids	Faculty of Engineering Technology	Issameddin M. Abdullah, Naser M. Jubeh
Energy policy Elsevier Science Journal, Vol. 36, pp. 258-267	2007	Electricity consumption and associated GHG emissions of the Jordanian Industrial sector: Empirical, analysis and future projection	Faculty of Engineering Technology	A. AL-Ghendoor I. AL-Hinti J.O.Jaber S.A. Swalha
Engineering Science Journal	2007	Determination of penetration Rate, when using vibration to drillil wells	Faculty of Engineering Technology	Salameh Swalha
Jordan Journal of Mechanical and Industrial Engineering	2007	Assessment of power augmentation from gas turbine power plants using different air cooling systems .	Faculty of Engineering Technology	Q.M. Jaber J. O. Jaber A.A. Khawaldah
Energy Sources	2008	Influence of heating rate, temperature and grain size on drying behaviour of the Attarat oil shale	Faculty of Engineering Technology	J. O. Jaber
Environmental Geology Vol. 52. pp. 979-984	2007	Geochemistry and environmental impacts of retorted oil shale from Jordan	Faculty of Engineering Technology	K.M. Ibrahim J. O. Jaber

Renewable and Sustainable Energy Reviews Elsevier Science Journal, Vol. 12. pp.287-289	2007	Evaluation of conventional and renewable energy sources for space heating in the household sector,	Faculty of Engineering Technology	J. O. Jaber Q. Jaber S. Swalha M. S. Mohsen
ISESCO Journal of Science and Technology Vision, Vol. 2 - No. 1 , pp 5 7 - 6 0.	2007	The Effect of Input Supply Location and Flow Rate on Stratified Flow Characteristics inside Enclosures.	Faculty of Engineering Technology	A.S. Awad, A.S. Calay, R. K. Holdo, O.O Badran,
. Applied Thermal Engineering Journal, Elsevier publisher.	2008	An Experimental Study of Stratified flow in Enclosures	Faculty of Engineering Technology	A. S. Awad, A.S. Calay, O.O.. Badran, R. K. Holdo,
International Journal of Mechanical and Materials (IJMME). Vol. 2 No. 2. 180-188	2007	Experimental Investigation of Factors Affecting Vehicle Fuel Consumption	Faculty of Engineering Technology	Walid. M. Al-Momani Omar. O. Badran
Proceeding of the 5 th Baltic Heat Transfer Conference (5 th BHTC)	2007	The impacts of air cooled condenser on the environment and the design parameters	Faculty of Engineering Technology	Abu-Rahmeh T.M., Borovkov V.
13 th International corgeonce on Applied Mechanics and Med. Eng. Cairo-Egypt .	2008	Six- Port model for Sound propagation in porous media with application to DPF .	Faculty of Engineering Technology	Sayel M. Fayyad
Transpor research Journal	Accepted for publication 2008	The effect of iso-Bntanol-Diesel blends on engine performance	Faculty of Engineering Technology	Momani Muntaser
Journal of Engineering Sciences	2008	Determination of penetration piate when using vibration in drilling oil well	Faculty of Engineering Technology	Sawalha Salameh
Energy Policy	2007	Electricity Consumption and associated GHG emissions of Jordanian Industrial Sector	Faculty of Engineering Technology	Sawalha Salameh

Journal of Engineering Sciences	2008	Mathematical Mode 1 of pneumohydraulic Brake System with pressure converter	Faculty of Engineering Technology	Sayel M. Fayyad Suleiman Abu-Ein Waleed Momani
American Journal of Applied Science, New York, USA,.	2008	The EFFECT OF SHOT PEENING AND POLISHING ON THE PITTING CORROSION RESISTANCE OF STAINLESS STEEL 304	Faculty of Engineering Technology	Omar Badran, AL-Kloub Nasir, Musa Al-Tal
International Journal of Ecological Economics & Statistics (IJEES) Winter 2009 ,Vol. 13 ,No. WO9,Int. J. Ecol. Econ. Stat 76-87	2008	“Investigating the Effect of Combustion Of Blending Jordanian Diesel oil With Kerosene on Reducing the Environmental Impacts Diesel Engine ”	Faculty of Engineering Technology	<u>Mohammed Matouq,</u> <u>I.A.Amarneh,</u> <u>AL-Kloub Nasir,</u> <u>O.Badran,</u> <u>S.A. Al-Duheisat,</u> <u>S.Esalamian</u>