

5.Patents

السيرة الذاتية

١. المعلومات الشخصية	
الاسم	ياسين نمر
الجنسية	اردني
معلومات الاتصال	٠٠٩٦٢٧٩٦٨٦٧٦٠٨ nimir@mutah.edu.jo

٢. المؤهلات العلمية				
التخصص	الدولة	السنة	الجامعة	
هندسة ميكانيكية	بريطانيا	١٩٨٢	سوندن	البكالوريوس
هندسة ميكانيكية	بريطانيا	١٩٨٥	جامعة كرانفيلد	الماجستير
هندسة ميكانيكية	بريطانيا	١٩٩٥	جامعة سسكس	الدكتوراه

٣. الاهتمامات البحثية والتدريسية	
الات التوربينية السريعة, الترايبولوجيا, المواد المعدنية المركبة, الطاقة المتجددة والغير متجددة	

٤. المنشورات	
أ. الكتب	

ب. الابحاث				
العنوان	المجلة	تاريخ النشر	العدد والمجلد	الصفحات
Title	Journal	Date	Vol.&No.	Pages

Assessment of crashworthiness of the frontal part of a local car model	Int. J. Vehicle Systems Modelling and Testing	2014	<i>Vol.9, Nos.3/4</i>	352-362
Structural Analysis of the Frontal Part of a Local Car Model for Crashworthiness	Proceedings of the IASTED International Conference	2-4 July 2013	IIUM, Kuala Lumpur	
Hardness and wear behavior of AMCs reinforced with SiCp and TiCp manufactured by pressurized sintering at different temperatures	2nd International Conference on Mechanical, Automotive and Aerospace Engineering (ICMAAE 2013)	2-4 July 2013	IIUM, Kuala Lumpur	
Assesment of Crashworthiness of the Frontal Part of a Local Car Model	2 nd International Conference on Mechanical, Automotive and Aerospace Engineering (ICMAAE 2013),	2-4 July 2013	IIUM, Kuala Lumpur	
Improving Wear Performance through Treatment	The International Conference on Advances in Materials and Processing Technologies (AMPT 2009)	2009	IIUM, Kuala Lumpur	
Study on the possibility of utilization of rice husk for silicon production	The International Conference on Advances in Materials and Processing Technologies (AMPT 2009)	2009	IIUM, Kuala Lumpur	

Systematic Comparison of Performance of Two Types of Solar Water Collectors	Second Jordanian International Conference for Mechanical Engineering	Amman 1-5 th June 1997	Jordan	
Dynamic Fracture Strength and Toughness of Continuous Alumina Fibre-Reinforced Glass Matrix Composite at Elevated Temperatures	Materials and Manufacturing Processes	2011	26	579-585
Compaction of fly ash-aluminium alloy composites and evaluation of their mechanical and acoustic properties	Advanced Powder Technology	2009	20	548-553
A new Process for Manufacturing Continuously Reinforced MMC's	Mu'tah Lil-Buhuth wad-Dirasat (Journal for Research and Studies)	2006	21, no.2	
Experimental and Theoretical Evaluation of the Performance of a Tar Solar Water Heater	Conversion and Management Journal of Energy	2003	44	3077-3055
The Fracture Behaviour of Continuous SiC and Carbon Fibre Al-Matrix Composites under Mode II Loading Conditions	Mu'tah Lil-Buhuth wad-Dirasat (Journal for Research and Studies)	2003	18, no.1	

Impact Failure of Continuous Fiber Reinforced Al-Matrix Composites Subjected to Low Velocity Impact	Alexandria Engineering Journal	2002	41, no.1	
Cyclic Fatigue Crack Propagation Behaviour Under Mode I Loading Conditions For SiC-Al Matrix Composites	Alexandria Engineering Journal	2002	41, no.1	
Flushing Influence on Angular Differences in Electro-Discharge Machining of Mild Steel using Graphite Tools	Journal of Engineering	2000	10, no.1	7-11
Experimental Comparison of Performance of Two Types of Solar Water Heating Collectors	Mansoura Engineering Journal	2002	27, no.2	
Numerical Simulation of Flow through a Gas Turbine Labyrinth Seal	Mu'tah Lil-Buhuth wad-Dirasat (Mu'tah Journal for Research and Studies)	1998	13	
Numerical Simulation of Flow in Thrust Bearing Rotor-Stator Wheel Space	Journal of Dirasat, Natural and Engineering Sciences, Jordan University	1997	24, No.3	
An air bearing system for small high speed gas turbines	AGARD Conference Proceedings 537, 82 nd Symposium	4-8 October 1993	No.42	82

An externally pressurized air bearing system, Journals and Thrust for application in Turbomachinery	ASME 92-GT-382	1992		
Solar Air Heaters for Implementation in Chicken Farms	World Renewable Energy Congress, Solar Thermal Technology, UK	1990		969-975

٥. براءات الاختراع