الإنتاج العلمي في كلية الهندسة

م.	الاسم	اسم البحث المنشور	اسم المجلة العلمية	التصنيف	
No.	***Name***	***The published search name***	***The name of the scientific journal***	***Classification***	***Ranking***
1	Maha M. A. Lashin	Using Fuzzy Logic System to optimize Measuring porosity by Aerodynamics Sensor.	International Journal of Mechanical & Production Engineering research and Development	Scopus	Q3
2	Maha M.A. Lashin	استراتيجيات تعليم اللغة العربية والحفاظ على الهوية العربية وتحديات العولمة	المؤتمر العلمي الدولي الأول اللغة العربية: التعريف بعوامل قوتها ووسائل انتشارها ودورها في حفظ هوية الأمة المسلمة وخدمة العلم النافع للإنسانية أجمع	Scopus	Q4
3	Maha M.A. Lashin	A proposed perspective using social media campaigns to activate electronic volunteering platforms during	Knowledge Integration (Virtiual) Forum to confront the COVID-19	Scopus	Q4

		COVID-19 pandemic			
4	Maha M.A. Lashin	An Analytical Study of the Factors that Influence the Spread of COVID-19	Saudi Journal of Biological Sciences	Scopus	Q1
5	Maha M.A. Lashin	Coalition Formation for Efficient Energy Consumption	Applied Sciences	Scopus	Q1
6	Maha M.A. Lashin	Controlling and Optimization of Machining Performance Parameters for WEDM Process by using Fuzzy Logic Control System	International Journal of Mechanical and Production Engineering Research and Development	Scopus	Q3
7	Maha M.A. Lashin	Determination of Different Structures' Materials Natural Frequencies using Fuzzy Logic System	International Journal of Engineering and Advanced Technology	Scopus	Q4
8	Maha M.A. Lashin	Optimize the Effect of Friction Stir Process on Natural Frequency of AA6061 Alloys by using Fuzzy	International Journal of Mechanical and Production Engineering Research and Development	Scopus	Q3
9	Maha M.A. Lashin	Investigation of Critical Gap for Pedestrian Crossing Using Fuzzy Logic System	Applied sciences - MDPI	Scopus	Q1

Q4	Scopus	Journal of Advanced Research in Dynamical and Control Systems	Implementation of Artificial Intellignce for Diagnosis of the Faults of Motor-Fan System	Maha M. A. Lashin	10
Q3	Scopus	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Optimization of Dimensional, Surface Quality and Material Removal Rate in Turning Using RSM&DA	Maha M. A. Lashin	11
Q3	Scopus	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Optimization for Arms Angles of Scrub Robot Using Fuzzy Logic Control System	Maha M. A. Lashin	12
Q4	Scopus	Test Engineering and Management (TEM)	Calculation of Natural Frequencies of Motor-Fan System Depending on Mathematical Modeling Technique	Maha M. A. Lashin	13
Q4	Scopus	International Journal of Advanced Science and Technology	Optimization Warehouse Management Utilizing Fuzzy Logic Control System	Maha M. A. Lashin	14
Q4	Scopus	International Journal of	Optimization of Vibration Effecting on Heat Transfer in	Maha M. A. Lashin	15

		Advanced Science and Technology	Vehicles Air Conditioning System Using Fuzzy Logic Control System		
Q2	ISI	Entropy MDPI	A Novel Color Image Encryption Algorithm Based on Hyperchaotic Maps and Mitochondrial DNA Sequences	Heba Gaber	16
Q2	ISI	Entropy MDPI	A Bijective Image Encryption System Based on Hybrid Chaotic Map Diffusion and DNA Confusion	Heba Gaber	17
Q2	ISI	International Journal of control,Automation and Systems	Robust Adaptive Controller for the Diesel Engine Air Path with Input Saturation	Dr. Samia Larguech	18
Q2	ISI	MDPI- Processes Journal	Effect of periodic Magnetic field on natural convection in MWCNT-Water/ nanofluid cubic cavity with consideration of aggregation	Kaouther Ghacham	19
Q2	ISI	Mathematical Methods in the Applied Sciences	3D Rayleigh-Bénard type natural convection in MWCNT-nanofluid-filled L-shape enclosures with	Kaouther Ghacham	20

			Consideration of aggregation effect,		
Q1	ISI	Alexandria Engineering Journal	Numerical simulation of a microfluidic biosensor for C-Reactive Protein detection into a microchannel with considering electrothermal effect,	Kaouther Ghachem	21
Q1	ISI	Alexandria Engineering Journal	Numerical investigation of electo-thermo-convection in a square enclosure with incorporated hot solid body	Kaouther Ghacham	22
Q1	ISI	International Communications in Heat and Mass Transfer	Numerical investigation of electo-thermo-convection in a square enclosure with incorporated hot solid body	Kaouther Ghacham	23
Q2	ISI	Physics Letters A	Transient electrohydrodynamic convective flow and heat transfer of MWCNT -Dielectric nanofluid in a heated enclosure	Kaouther Ghachem	24
Q2	ISI	Sensors-MDPI (SCI/ISI)	Design of Quad-Port MIMO/Diversity Antenna with Triple-	Pawan Kumar, Shabana	25

			Band Elimination Characteristics for Super-Wideband Applications	Urooj, Fadwa Alrowais	
Q3	ISI	Journal of Clinical and Diagnostic Research	Recent Development in Disease Diagnosis by Information, Communication and Technology	Shabana Urooj	26
Q1	ISI	Applied Sciences	Design and Implementation of Quad-Port MIMO Antenna with Dual-Band Elimination Characteristics for Ultra-Wideband Applications	Pawan Kumar, Shabana Urooj, Fadwa Alrowais	27
Q4	ISI	Part of the Studies in Computational Intelligence book series- Springer Nature Singapore Pte. Ltd.	Non-Linear Filters for Mammogram Enhancement	Vikrant Bhateja, Mukul Misra, Shabana Urooj	28
Q3	ISI	Journal of Clinical and Diagnostic Research	Dynamic Gesture Controlled User Interface Expert HCI System using Adaptative Background Masking: An Aid to Prevent Cross Infections	Shabana Urooj, Fadwa Alrowais	29
Q3	ISI	Journal of Clinical and Diagnostic Research	Electrochemical Sensing for Examining Vitamin D3 based on MIP	Shabana Urooj	30

			using NOVA 1.7 and AUTOLAB PGSTAT 302N		
Q3	ISI	This paper is selected to be published in Journal of Physics : Conference Series	Development of HOPPIE-Basket Ball Coaching APP	Wan Azizun Adnan, Siti Mariam Shafie, Sharifah Mumtazah Syed Ahmad, Samsiah Radiman,Aiman Haziq Bin Rashdan, Muhammad Khazin Bin Noor Hisham, Emeirul Ezzudean Bin Jefri and Salasiah Hitam	31
Q1	ISI	Heilyon	Modeling of the KOH-PCs for Mitigating the AC induced Voltage of the Metallic Pipelines(In Production)	Mostafa A. Al-Gabalawy, Mohamed A. Mostafa, Abdel Salam Hamza, and Shimaa A. Hussien	32
Q2	Scopus	International Journal of Electrical and Computer Engineering (IJECE)	Cuckoo search algorithm Based for tunning both PI and FOPID controllers for the DFIG - wing energy conversion system	Mostafa Algabalawy - Nesreen samir - Shimaa Aly hussien Alebiary	33
Q1	Scopus	batteries (MDPI)	Lithium-Ion Battery Modeling Including Degradation Based	Shimaa Ali Alebiary	34

			on Single-Particle Approximations		
Q2	Scopus	International Journal of Electrical and Computer Engineering (IJECE)	Improving the delivered power quality from WECS to the grid based on PMSG control model	Shimaa Ali Alebiary	35
Q1	Scopus	batteries (MDPI)	Lithium-Iron-Phosphate (LiFePO4) Battery States Estimation Based on Dual Extend Kalman Filter	Shimaa Ali Alebiary	36
Q1	ISI	Small (Wiley Online Library)	Heterogeneous Cubic Multidimensional Integrated Circuit for Water and Food Security in Fish Farming Ponds.	Alhanouf Turki Alhazzany, Reema almansour, Reema Fawwaz Suwaidan, andYara Ali Alghamdi	37
Q1	ISI	Telematics and Informatics	Why do people purchase virtual goods? A uses and gratification (U &G) theory prespective	Puneet kaur, Amandeep Dhir, Sufen Chen, Areej Malibari, Mohammed Almotairi	38
Q1	ISI	Journal of Cleaner Production	Food waste in hospitality and food services: A systematic literature review and framework	Dhir, A., Talwar, S., Kaur, P., & Malibari, A.	39

			development approach		
Q2	ISI	Sensors-MDPI (SCI/ISI)	Design of Quad-Port Ultra-Wideband Multiple-Input-Multiple-Output Antenna with Wide Axial-Ratio Bandwidth	Kumar, Pawan, Shabana Urooj, and Areej Malibari.	40
Q3	Scopus	International Journal of Mechanical & Production Engineering research and Development	Artificial Poka-yoke Increases Process Reliability via a hybrid of the Neural Network with ARIMA results	Ahmed Abed, Samia Elattar, Tamer Gaafar, Fadwa Alrowais	41
Q2	ISI	Processes MDPI	Minimize the Route Length Using Heuristic Method Aided with Simulated Annealing to Reinforce Lean Management Sustainability	Ahmed Abed, Samia Elattar	42
Q2	ISI	Sustainability MDPI	Pedestrian Road Crossing at Uncontrolled Mid-Block Locations: Does the Refuge Island Increase Risk?	Wafaa Saleh	43
Q2	ISI	Processes MDPI	The Neural Network Revamping the Process's Reliability in Deep Lean via Internet of Things	Ahmed M. Abed, Samia Elattar, Tamer S. Gaafar, Fadwa Alrowais	44

Q1	Scopus	IEEE ACCESS	Toward an Optimized Neutrosophic K-Means With Genetic Algorithm for Automatic Vehicle License Plate Recognition (ONKM-AVLPR)	Marwa Obaya	45
Q1	Scopus	IEEE ACCESS	Optimized Implementation of Short DNA Pairwise Sequence Alignment Using FPGA and CNN Networks	Marwa Obaya	46
Q1	ISI	Journal of Accident Analysis and Prevention	Evaluating the combined effect of alcohol-involved and un-helmeted riding on motorcyclist fatalities in Taiwan	Wafaa Saleh	47
Q2	ISI	IJMME: International Journal of Mechanical and Mechatronics Engineering	Optimization of Natural Frequency of Sustainable Materials by Using Fuzzy Logic Control System	Wafaa Saleh	48