

تعاون مع باحثين خارج القسم	البحوث المفهرسة في (web of science) للفترة (2023-2017)			
	المجموع	web of science	نوع المجلة	ت
0	0	0	2017	1
1	3	3	2018	2
4	10	10	2019	3
1	5	5	2020	4
2	8	8	2021	5
1	30	30	2022	
1	5	5	2023	
10	61	61	المجموع الكلي	

البحوث المنجزة لتدريسي قسم الهندسة الميكانيكية والمنشورة في مجلات ضمن تصنيف عالمي للفترة (2023-2017)					
ت	إسم الباحث	عنوان البحث	إسم المجلة	سنة النشر	نوع المجلة
1	زياد شكيب عبدالباقي	Study and Analysis of Ultrasonic Tools Operating in Multiple Vibration Modes	International Conference on Science, Engineering and Technology Research	2018	web of science
2	عمار حازم صابر واخرون	A Numerical Simulation of Fluid Flow through a Thin Porous Media Confined within a Narrow Duct	THE 14TH INTERNATIONAL CONFERENCE ON FLOW PROCESSING IN COMPOSITE MATERIALS	2018	web of science
3	Ali Alkhabbaz Laith M. Jasim Hudhaifa Hamzah	Effect of porous sleeve position on natural convection in a concentric annulus	International Energy & Engineering Congress Proceedings Book	2018	عالمية
4	زياد شكيب عبدالباقي	Design and simulation of spot welding process	International Journal of Mechanical and Production Engineering Research and Development	2019	web of science
5	خالد إلياس حمو زكريا يحيى محمد	Modeling and construction of two-axis sun tracking system for a mobile solar cell panel	International Journal of Scientific and Engineering Research	2019	web of science
6	عبدالحق عبدالقادر حامد	تأثير سرعة وزاوية الصدم على سلوك التعرية للمواد البوليمرية المتراكبة	Al-Rafidain Engineering Journal	2019	web of science
7	عبدالحق عبدالقادر حامد	تصنيع جهاز قياس التعرية للمواد البوليمرية ومتراكباتها مع بعض النتائج التجريبية	Al-Rafidain Engineering Journal	2019	web of science
8	امير سلطان داود طالب ماجستير	Numerical Analysis of Effect of Nano-particles on Fluid Flow and Heat Transfer by Forced Convection in Channel with different traingle configuration	AL-Rafidain Engineering Journal	2019	web of science
9	محمد طارق سليمان	A new mathematical analysis of two plane balancing for long rotors without phase data	Association of Arab universities journal of engineering science.	2019	web of science
10	رامز ابراهيم سعيد اخرون	A New Wind Tunnel Facility for Ice Crystal Icing Experiments	International Conference on Icing of Aircraft, Engines, and Structures	2019	web of science
11	رامز ابراهيم سعيد اخرون	Microwave Technique for Liquid Water Detection in Icing Applications	International Conference on Icing of Aircraft, Engines, and Structures	2019	web of science
12	رامز ابراهيم سعيد اخرون	Ice crystal icing wind tunnel at USQ: initial characterization	International Society for Air Breathing Engines	2019	web of science
13	ميسر ادريس اسماعيل اخرون	Robust Optimisation Of Serpentine Fluidic Heat Sinks For High Density Electronics Cooling	Proceedings of the 16th UK Heat Transfer Conference	2019	web of science
14	عدنان محمد عبدالله طالب ماجستير	Enhancement of Heat Exchanger Effectiveness by Using Water- Al2O3 as a working substance	International Journal of Thermal Engineering	2020	web of science
15	عدنان محمد عبدالله طالب ماجستير	The Impact Of Alumina Nanoparticles Suspended In Ethylene Glycol On The Performance Efficiency Of A Double Pipe Heat Exchanger	Frontiers in Heat and Mass Transfer	2020	web of science
16	عدنان محمد عبدالله طالب ماجستير	Effect of Welding Current on Weldments Properties in MIG and TIG Welding	International Journal of Engineering & Technology	2020	web of science
17	زياد شكيب عبدالباقي ماجد مدحت سعيد	Modal Analysis for Solid and Hollow Ultrasonic Horn using FEM	2 nd International Scientific Conference Al-Ayen University IOP Conf. Series: Journal of Physics	2020	web of science
18	ياسر شكر محمود نور الدين صالح خضر اخرون	A Review of a Mechanical Vapour Compression Refrigeration System: Environment and Performance Challenge	International Multi-Disciplinary Conference Theme: Sustainable Development and Smart Planning	2020	web of science

	عالمية	2021	Design Engineering	Simulation of Spur Gear Produced by Plastic Injection Method	محمد نجيب عبدالله علاء دحام يونس عبدالحق عبدالقادر حامد	19
	عالمية	2021	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Mixed Convection of Heat Transfer around Rotating Cylinders inside Enclosure Filled with Nano Fluid	زياد محمد مجيد طالب ماجستير	20
تعاون مع باحثين خارج القسم	عالمية	2021	Journal of Mechanical Engineering Research and Developments	Ultra-Light Aircraft Airfoil Design and Characteristics	محمد صالح محمد طه احمد عبدالله خالد ابراهيم حسن	21
	عالمية	2021	Design Engineering- Toronto	Simulation of spur gear produced by plastic injection methods	محمد نجيب عبدالله علاء دحام يونس عبدالحق عبدالقادر حامد	22
	عالمية	2021	International Research journal of innovation in Engineering and Technology (IRJIET)	Steam power plant performance opearating at high temperature and pressure conditions	عبد الرحمن حبو محمد معن سعد الدين محمد	23
	عالمية	2021	ELSEVIER, Materials Today	Investigation of Compressed air losses on production cost for Mosul dairy factory	معن سعد الدين محمد زهراء يوسف قريشات رنا محمد سيد احمد	24
	عالمية	2021	Journal of Mechanical Engineering Research	Evaluation of Vibration Amplitude Stepping and Welding Performance of 20 kHz and 40 kHz Ultrasonic Power of Metal Welding	زياد شكيب عبدالباقي احمد فتاح احمد خالد الياس حمو	25
تعاون مع باحثين خارج القسم	عالمية	2021	J. Mechanical Engineering Research and Developments	Role of honeycomb in improving subsonic wind tunnel flow quality: numerical study based on orthogonal grid	Hudhaifa Hamzah Laith M. Jasim Ali Alkhabbaz Besir Sahin	26
	عالمية	2022	International Research Journal of Modernization in Engineering Technology and Science	EXAMINATION OF WELDING DEFECTS OF METAL ALLOYS RESULTING FROM CHANGING THE DIAMETERS OF THE WELDING WIRE USING ELECTRIC ARC WELDING	غيداء ابراهيم حسين	27
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	A Comparative Study of the Experimental Results of Mechanical Tests of Composite Material Made of Polyester-Reinforced Fiber and Glass Powder	سهى هاشم احمد غيداء ابراهيم حسين	28
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Design, Analysis and Fabrication of Ultrasonic Power Horns Used to Produce Medical (Surgical) Face Mask and Their Supplements	زياد شكيب عبدالباقي خالد الياس حمو	29
	عالمية	2022	International Research Journal of Modernization in Engineering Technology and Science	A numerical comparison between fiber and particulate reinforcement of AA3003 in composites sheets using finite element method	انس عبيد ادريس سفيان عبدالحكيم محمد عمر عبدالرحمن محمد	30
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Fabrication and Evaluation of Proper Building Thermal Insulation Materials	نورالدين صالح خضر انور محمد مصطفى عرب غازي عزيز	31
	عالمية	2022	International Journal of Mechanical Engineering	Environmental effect on the exergoeconomic performance of combined cycle power plant for hot climate (Mosul climate)	محمد صالح محمد	32
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Calculating the Effective Mositure Diffusivity during Drying Process of Gypsum Board	عمر صلاح الدين ذنون عواد هلوش خضر طالب ماجستير	33
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Effects of Soret and Dufour on Mixed Convection over a Cone in a Non-Darcy Porous Medium with Chemical Reaction	صدام عطيه محمد	34
	عالمية	2022	International Journal of Mechanical Engineering	The Influence of Dynamics and Vibrational Characteristics on Weldability of Joining Metals Ultrasonically	زياد شكيب عبدالباقي	35
	عالمية	2022	International research journal of modernization in engineering technology and science	Effect of adding metallic and non metallic materials on some mechanical properties of unsaturated polyester	سهى هاشم احمد	36
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Effects of Radiation on Free Convection Non-Darcy Flow along Non-isothermal Vertical Wall Embedded in a Porous Medium with Heat Generation	صدام عطيه محمد طالب ماجستير	37
	عالمية	2022	International research journal of innovations in engineering and technology (IRJIET)	A comparative study of the experimental results of mechanical tests of composite material made of polyester -reinforced fiber and glass powder	سهى هاشم احمد غيداء ابراهيم حسين	38
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	The Effect of Airport Distance on Wing Aerodynamic Characteristics for Ultra-Light Airplane	طه احمد عبدالله	39
	عالمية	2022	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT	A Comprehensive Review of Vertical Axis Wind Turbines For Urban Usage	احمد خالد ابراهيم رامز ابراهيم سعيد	40

	عالمية	2022	International Research Journal of Modernization in Engineering Technology and Science	A REVIEW OF RECENT SOLAR COLLECTORS: CLASSIFICATIONS, DEVELOPMENT, APPLICATIONS AND NEW SYSTEMS	احمد خالد ابراهيم رامز ابراهيم سعيد	41
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Modeling and Simulation of the Performance of Wind Turbines under Iraqi Weathers Conditions	احمد خالد ابراهيم طالب ماجستير	42
	عالمية	2022	Eurasian Journal of Engineering and Technology	Studying the effect of the tracking system on the solar collector	عمار يونس ابراهيم زياد شكيب عبدالباقي طالب ماجستير	43
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology	Effect of Plane Boundary Layer on Air Flow Around Two Circular Cylinders in Tandem Arrangement	عمار يونس ابراهيم طالب ماجستير	44
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Exergy Analysis of Combined Gas Turbine Unit	عبدالرحمن حيو محمد طالب ماجستير	45
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	CFD Modeling of Natural Gas under Different Operating Condition	عبدالرحمن حيو محمد طالب ماجستير	46
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Three Dimensional CFD of Supercritical CO2 Flow Characterization in a Centrifugal Compressor	يونس محل نجم طالب ماجستير	47
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Three-Dimensional CFD Simulations of Transient Cavitation in a Centrifugal Pump	يونس محل نجم طالب ماجستير	48
	عالمية	2022	International Research Journal of Innovations in Engineering & Technology - IRJIET	Hydrothermal Analysis of Archimedean Spiral Channel Heat Sink for CPU Cooling	يونس محل نجم طالب ماجستير	49
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Simulation of U Tube Heat Exchanger Immersed in Oil inside Solar Evacuated Tube	محمود اسامة جاسم طالب ماجستير	50
	عالمية	2022	International Journal of Advanced Research in Engineering Innovation	Heat Transfer Analysis of Melting Process Over A Horizontal Three Fins Tube with Different Orientations	د. عمر محمد حمثون زياد محمد مجيد طالبة ماجستير	51
	عالمية	2022	International Journal of Advanced Research in Engineering Innovation	Numerical Investigation of the Hydrothermal Characteristics of Water Flow in Compound Microchannel Heat Sinks	د. أحمد فؤاد محمود النعمة	52
	عالمية	2022	International journal of mechanical engineering and applied energy	The optimum design of particulate in composite sheets using finite element method	خالد الياس حمو عامر يحيى محمد الجرجيس د.انس عبيد البالود	53
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology	CFD Modeling of Natural Gas under Different Operating Condition	عبدالرحمن حيو محمد حيو طالب ماجستير	54
تعاون مع باحثين خارج القسم	عالمية	2022	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Exergy Analysis of Combined Gas Turbine Unit	رفل خالد جاسم عبدالرحمن حيو محمد	55
	عالمية	2022	International Research Journal of Innovations in Engineering and Technology	Simulation of U Tube Heat Exchanger Immersed in Oil inside Solar Evacuated Tube	محمود اسامة جاسم طالبة ماجستير	56
	عالمية	2023	International Journal of Advanced Research in Engineering Innovation	Manufacture Dry Porous Materials with Crack Free	عمر صلاح الدين ذنون عواد هلووش خضر باحث اخر	57
	عالمية	2023	3RD INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS	FINITE ELEMENT SIMULATION OF ULTRASONICALLY ASSISTED WIRE DRAWING PROCESSES	د. علاء دحام يونس زياد شكيب عبد الباقي باحث اخر	58
	عالمية	2023	International Journal of Advanced Research in Engineering Innovation	Analysis of The Effect of Ultrasonic Excitation on The Wire Drawing Process for Aluminium Wire Using Finite Element Method	د. علاء دحام يونس زياد شكيب عبد الباقي باحث اخر	59
	عالمية	2023	International Journal of Advance Research in Engineering Innovation	CFD of Fully Developed Channel Flow	عبدالرحمن حيو محمد يونس محل نجم باحث اخر	60

تعاون مع باحثين خارج القسم	عالمية	2023	Ocean Engineering	-Comparison of different fidelity hydrodynamic aerodynamic coupled simulation code on the 10 MW semi-submersible type floating offshore wind turbine	Ho-Seong Yang Watchara Tongphong Ali Alkhabbaz Young-Ho Lee	61
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