

ت	احصائية البحوث المنشورة في المجلات العالمية والمحلية لتدريسي قسم الهندسة الميكانيكية للفترة (2017-2024)					تعاون مع باحثين خارج القسم
	نوع المجلة	عالمية	سكوبس	محلية	المجموع	
1	2017	0	2	3	5	4
2	2018	3	2	0	5	2
3	2019	10	11	6	27	9
4	2020	5	18	4	27	5
5	2021	8	11	1	20	7
6	2022	30	16	9	55	12
7	2023	8	10	7	25	12
8	2024	1	14	2	17	1
	المجموع الكلي	65	84	32	181	52

ت	إسم الباحث	عنوان البحث	إسم المجلة	سنة النشر	نوع المجلة	الملاحظات
1	رائد احمد علي زياد محمد مجيد معن سعد الدين محمد	Effect of Inclination Angle of the side Walls on the Natural Convection Heat Transfer Inside an Encloser	Anbar Journal of Engineering Sciences	2017	محلية	
2	رنا محمد احمد اخرن	امكانية تطبيق منهجية Dfss لتحقيق جودة ومعالجة المشروعات	Academic Journal of Nawroz University	2017	محلية	تعاون مع باحثين خارج القسم
3	احمد فؤاد النعمة اخرن	An experimental and numerical investigation of the use of liquid flow in serpentine microchannels for microelectronics cooling	Applied Thermal Engineering	2017	Scopus	تعاون مع باحثين خارج القسم
4	علاء دحام يونس إبراهيم علي محسن طالب ماجستير	دراسة مقارنة بين الوسادة على شكل قطع مكافئ وعلى شكل دائري على أداء المسند الهيدروديناميكي	Kirkuk University Journal-Scientific Studies	2017	محلية	تعاون مع باحثين خارج القسم
5	عمار حازم صابر واخرن	Soot reduction in an entrained flow gasifier of biomass by active dispersion of fuel particles	Fuel	2017	Scopus	تعاون مع باحثين خارج القسم
6	محمد نجيب عبدالله	Numerical and Experimental Investigation on the Effect of Billet Preforming in the Flange Forming	International Journal of Engineering & Technology	2018	Scopus	
7	زياد شكيب عبد الباقي	Study and Analysis of Ultrasonic Tools Operating in Multiple Vibration Modes	International Conference on Science, Engineering and Technology Research	2018	web of science	
8	احمد فؤاد النعمة اخرن	Thermal management of GaN HEMT devices using serpentine minichannel heat sinks	Applied Thermal Engineering	2018	Scopus	تعاون مع باحثين خارج القسم
9	عمار حازم صابر واخرن	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	
10	علي عزام محمد الخباز 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	تعاون مع باحثين خارج القسم
11	عمر ذنون جمعه اخرن	Numerical Simulation And Optimization Of Gallium Nitride Growth In Mocvd Manufacturing Process	3rd Thermal and Fluids Engineering Conference	2019	Scopus	تعاون مع باحثين خارج القسم
12	عمر ذنون جمعه اخرن	The Effect of Carrier Gas and Reactor Pressure on Gallium Nitride Growth in MOCVD Manufacturing Process	Journal of heat transfer (ASME)	2019	Scopus	تعاون مع باحثين خارج القسم
13	زياد شكيب عبد الباقي	Design and simulation of spot welding process	International Journal of Mechanical and Production Engineering Research and Development	2019	web of science	
14	زياد شكيب عبد الباقي ماجد مدحت سعيد	Design And Analysis Of Slotted Block Horn Used For Ultrasonic Power Applications	Journal Of Southwest Jiaotong University	2019	Scopus	
15	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	
16	سهي هاشم احمد غيداء ابراهيم حسين	Theoretical stress Analysis of Gas Turbine Blade Made from Different Alloys	Al-Rafidain Engineering Journal	2019	محلية	
17	زياد محمد مجيد ماهر هاشم هادي	Heat Transfer Characteristics For A Fin Exposed To Fully Wet Air	International Journal of Mechanical and Production Engineering Research and Development	2019	Scopus	
18	عواد هلوش خضر طالب ماجستير	تأثير الحجم الحبيبي على بعض الخواص الميكانيكية لمواد متراكبة بوليمرية متدرجة وظيفيا مصنعة بطريقة الترسيب تحت تأثير الجاذبية	Journal of Engineering and Sustainable Development	2019	محلية	
19	سهي هاشم احمد صباح محمد جميل	تحليل الإجهادات لانواع مختلفة من ريش المرحلة الاولى للتوربين الغازي في محطة المنصور الغازية	Al-Rafidain Engineering Journal	2019	محلية	تعاون مع باحثين خارج القسم

20	نورالدين صالح خضر عبدالرحمن حبو محمد	دراسة نظرية لتقييم اداء محرك احتراق داخلي يعمل بنظام القدح وباستخدام مزيج من الكازولين مع الوقود الحاوي على الاوكسجين	Journal of Engineering and Sustainable Development	2019	محلية	
21	محمد نجيب عبدالله طالب ماجستير	نمذجة تشكيل المسننات ذوات الاسنان المستقيمة على البارد باستخدام DEFORM 3D	Al-Rafidain Engineering Journal	2019	محلية	
22	عبدالحق عبدالقادر حامد	تأثير سرعة وزاوية الصدم على سلوك التعرية للمواد البوليمرية المترابكة	Al-Rafidain Engineering Journal	2019	web of science	
23	عبدالحق عبدالقادر حامد	تصنيع جهاز قياس التعرية للمواد البوليمرية ومترابكاتها مع بعض النتائج التجريبية	Al-Rafidain Engineering Journal	2019	web of science	
24	امير سلطان داؤد 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	
25	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	
26	زياد محمد مجيد رائد احمد علي معن سعد الدين محمد	Effect of staggered non – conductive partition on heat transfer in a variable shape cavity	International Journal of Mechanical and Production Engineering Research and Development	2019	Scopus	
27	رامز ابراهيم سعيد اخرن	A New Wind Tunnel Facility for Ice Crystal Icing Experiments	International Conference on Icing of Aircraft, Engines, and Structures	2019	web of science	تعاون مع باحثين خارج القسم
28	رامز ابراهيم سعيد اخرن	Microwave Technique for Liquid Water Detection in Icing Applications	International Conference on Icing of Aircraft, Engines, and Structures	2019	web of science	تعاون مع باحثين خارج القسم
29	رامز ابراهيم سعيد اخرن	Ice crystal icing wind tunnel at USQ: initial characterization	International Society for Air Breathing Engines	2019	web of science	تعاون مع باحثين خارج القسم
30	خالد عباس صالح قيس حازم اسماعيل محمد شعلان عبد فتحي	Estimation of Abrasive Wear of Brass Alloy Impeller	Journal of Southwest Jiaotong University	2019	Scopus	
31	خالد عباس صالح قيس حازم اسماعيل محمد شعلان عبد فتحي	An Effect Of Welding Type On The Mechanical Properties Of Welding Joints	International Journal of Mechanical and Production	2019	Scopus	
32	محمد شعلان عبد فتحي	Ultrasonic investigation of thermoplastic polymers	International Journal of Scientific & Technology Research	2019	Scopus	
33	عمار يونس ابراهيم ياسر شكر محمود اخرن	State of the art single objective optimization of small scale cylindrical cavity receiver	Sustainable Energy Technologies and Assessments	2019	Scopus	تعاون مع باحثين خارج القسم
34	صدام عطيه محمد	Heat and mass transfer by hydromantic mixed convection flow along a vertical cylinder embedded in a non-Darcy porous medium with heat source.	International Journal of Mechanical and Production Engineering Research and Development	2019	Scopus	
35	ميسر ادريس اسماعيل اخرن	Robust Optimisation Of Serpentine Fluidic Heat Sinks For High Density Electronics Cooling	Proceedings of the 16th UK Heat Transfer Conference	2019	web of science	تعاون مع باحثين خارج القسم
36	عمر محمد حمدون اخرن	Modeling and Simulation of a Desiccant Evaporative Cooling System	Tikrit Journal Of Engineering Sciences	2019	محلية	
37	علي عزام محمد الخباز In Cheol Kim HyunTae Jeong Young Ho Lee	Optimization Methodology of Small Scale Horizontal Axis Shrouded Tidal Current Turbine	Computer Science and Data Engineering,	2019	Scopus	تعاون مع باحثين خارج القسم
38	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	
39	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	
40	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	
41	زهاء يوسف قريشات رنا محمد فرحات اخرن	The suitability of microscale compressed air axial turbine for domestic solar powered Brayton cycle	International Journal of Energy and Environmental Engineering	2020	Scopus	تعاون مع باحثين خارج القسم
42	عمر محمد حمدون	Performance analysis of hybrid photovoltaic thermal solar system in Iraq climate condition	Thermal Science and Engineering Progress	2020	Scopus	
43	عمر محمد حمدون	Analysis of two-phase flow in a double-pipe heat exchanger filled with porous media	International Journal of Heat and Mass Transfer	2020	Scopus	
44	صدام عطيه محمد	Effects of Variable Viscosity on Heat and Mass Transfer by MHD Mixed Convection Flow Along a Vertical Cylinder Embedded in a Non-Darcy Porous Medium	Frontiers in Heat and Mass Transfer (FHMT)	2020	Scopus	
45	محمد نجيب عبدالله عماد حازم قاسم اخرن	A Finite Element Analysis of Biomechanics in Distraction Osteogenesis of Ascending Ramus Lengthening between males and females – A Comparative Study	Journal of Orofacial Sciences	2020	Scopus	تعاون مع باحثين خارج القسم
46	محمد صالح محمد طه احمد عبدالله	Specific Exergy Costing Analysis and Optimization of CCPP Power Plant	International Journal of Mechanical and Production Engineering Research and Development	2020	Scopus	
47	رائد احمد علي	Analysis of The Natural Convection Heat Transfer Inside Square Enclosure Partially Divided by Non-Conductive Partitions	International Journal of Mechanical and Production Engineering Research and Development	2020	Scopus	

	Scopus	2020	International Journal of Advanced Science and Technology	Effect of natural and industrial fibers reinforcement on mechanical properties of polymeric matrix composites	غيداء ابراهيم حسين سهى هاشم أحمد	48
تعاون مع باحثين خارج القسم	Scopus	2020	Sustainable Energy Technologies and Assessments	Performance investigation and design optimization of micro scale compressed air axial turbine for domestic solar powered Brayton cycle	خالد الياس حمو عمر عبدالرحمن محمد اخرن	49
	web of science	2020	2 nd International Scientific Conference Al-Ayen University IOP Conf. Series: Journal of Physics	Modal Analysis for Solid and Hollow Ultrasonic Horn using FEM	زياد شكيب عبدالباقى ماجد مدحت سعيد	50
تعاون مع باحثين خارج القسم	web of science	2020	International Multi-Disciplinary Conference Theme: Sustainable Development and Smart Planning	A Review of a Mechanical Vapour Compression Refrigeration System: Environment and Performance Challenge	ياسر شكر محمود نور الدين صالح خضر اخرن	51
	محلية	2020	Al-Rafidain Engineering Journal	Improving the Performance of a Flat Plate Solar Collector Using Nano fluid as Working Fluid	عمر محمد حمدون	52
	Scopus	2020	International Journal of Mechanical and Production Engineering Research and Development	Finding the best rotational speed affecting the stresses analysis for gas turbine blades subjected to centrifugal forces.	سهى هاشم احمد غيداء ابراهيم حسين	53
	محلية	2020	-----	تأثير اداء المطارح الاعتيادية والمشرحة المصنعة محليا للمحراث المطري القلاب على متطلبات القدرة والمؤشرات المدروسة	احمد فتاح احمد	54
	Scopus	2020	International Journal of Mechanical and Production Engineering Research and Development	Measurement correction of two dimensional-wind tunnel with porous walls using singularity method	طه احمد عبدالله محمد صالح محمد	55
	Scopus	2020	International journal of mechanical and production	Determination the stretch bending limit ratio for sheet metals during the stretch bending process	انس عبيد ادريس	56
	Scopus	2020	International Journal of Mechanical and Production Engineering Research and Development	Appropriate selection of mechanical element used in manufacturing load cell	احمد سعدون عبدالعزيز احمد نافع راشد	57
	Scopus	2020	International Journal of Mechanical and Production Engineering Research and Development	Design And Performance Analysis Of A Heat Exchanger Used In A Vapour Compression Refrigeration System	عدنان محمد عبدالله معن سعد الدين محمد	58
	Scopus	2020	Journal of Engineering Science and Technology	Comparison between dynamic discrete element method and static discrete element method to determine neck size between powders during sintering process	انس عبيد ادريس زياد شكيب عبدالباقى	59
	Scopus	2020	International Journal of Mechanical and Production Engineering Research and Development	Numerical investigation on wing performance using singularity method	طه احمد عبدالله	60
	Scopus	2020	Journal of Southwest Jiaotong University	Mechanical properties of nano-composite materials	محمد شعلان عبد فتحي	61
تعاون مع باحثين خارج القسم	Scopus	2020	International Journal of Heat and Mass Transfer	Analysis of two-phase flow in a double-pipe heat exchanger filled with porous media	عمر محمد حمدون اخرن	62
	محلية	2020	Al-Rafidain Engineering Journal	A Review of Solar Air Heaters: Techniques for Thermal Performance Enhancement	عمر محمد حمدون	63
	محلية	2020	مجلة الهندسة والتنمية المستدامة	دراسة عددية لمقارنة تأثير مولدات الدوامات ذات اشكال هندسية مختلفة على المشتات الحرارية ذات القنوات المايكروية المستطيلة	امير سلطان داؤد طالب ماجستير	64
	Scopus	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 الصراف احمد فتاح احمد خالد الياس حمو	65
	Scopus	2021	International Journal of Mechanical and Production Engineering Research and Development	Effect of combustion duration on the performance and emission of four stork spark ignition engine using gasoline biofuel blend	عبدالرحمن حبو محمد نورالدين صالح خضر ياسر شكر محمود	66
تعاون مع باحثين خارج القسم	Scopus	2021	Journal of Orofacial Sciences	Does the flatting of the curve of spee affect the chewing force distribution in mandible? (3D finite element study)	محمد نجيب عبدالله عماد حازم قاسم اخرن	67
تعاون مع باحثين خارج القسم	Scopus	2021	Journal of Manufacturing Science and Engineering	Influence of precursor concentration on crystalline quality of GaN thin films grown on a sapphire wafer	عمر ذنون جمعه اخرن	68
	Scopus	2021	Proceedings of the 7th world congress on mechanical, chemical, and material engineering	Hydromagnetic mixed convection along a vertical cylinder in a stratified non-Darcian porous medium	صدام عطيه محمد عبدالكريم يونس	69
	Scopus	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 عبدالباقى احمد فتاح احمد خالد الياس حمو	70
تعاون مع باحثين خارج القسم	Scopus	2021	Journal of Heat Transfer	Experimental Study of the Effect of Precursor Composition on the Microstructure of Gallium Nitride Thin Films Grown by the MOCVD Process	عمر ذنون جمعه اخرن	71
	عالمية	2021	Design Engineering	Simulation of Spur Gear Produced by Plastic Injection Method	محمد نجيب عبدالله علاء دحام يونس عبدالحق عبدالقادر حامد	72
	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	73

خارج القسم باحثين تعاون مع	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	74
	عالمية	2021	Design Engineering-Toronto	Simulation of spur gear produced by plastic injection methods	محمد نجيب عبدالله علاء دحام يونس عبدالحق عبدالقادر حامد	75
	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	76
	عالمية	2021	ELSEVIER, Materials Today	Investigation of Compressed air losses on production cost for Mosul dairy factory	معن سعد الدين محمد زهاء يوسف قريشات رنا محمد سيد احمد	77
	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 عبد الباقي احمد فتاح احمد خالد الياس حمو	78
	Scopus	2021	Journal Europeen des Systemes Automatisees	Using Artificial Neural Networks to Predict the Effect of Input Parameters on Weld Bead Geometry for SAW process	ماجد مدحت سعيد زياد شكيب عبد الباقي	79
	Scopus	2021	Journal of Mechanical Engineering Research and Developments	The combining effect of changing forming path and heating effect during stretch forming process to enhance the formability of Al 6061 sheet	انس عبيد ادريس عامر يحيى محمد	80
خارج القسم باحثين تعاون مع	Scopus	2021	Journal of Orthodontic Science	The effect of floride gel on tensile properties, surface morphology and chemical composition of two types of orthodontic wires (an in-vitro study)	محمد طارق سليمان واخرون	81
	محلية	2021	Al-Rafidain Engineering Journal	Conjugate Heat Transfer of Nanofluid Flow Inside A Micro-Wavey Channel	امير سلطان داؤد طالب ماجستير	82
خارج القسم تعاون مع باحثين	Scopus	2021	Renewable Energy	A novel linearization approach of chord and twist angle distribution for 10 kW horizontal axis wind turbine	علي عزام محمد الخباز Ho-Seong Yang A.H Samitha Weerakoon Young-Ho Lee	83
خارج القسم تعاون مع باحثين	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 علي عزام محمد الخباز Besir Sahin	84
	Scopus	2022	International Journal of Mechanical Engineering	ON CFD WING PERFORMANCE FOR ULTRA-LIGHT AIRPLANE	طه احمد عبدالله محمد صالح محمد يونس محل نجم	85
	Scopus	2022	International Journal on Technical and Physical Problems of Engineering (IJTPE)	PARTIALLY SHADING A PV MODULE: ANALYSIS AND DESIGN WITH SIMULATION	احمد خالد ابراهيم رامز ابراهيم سعيد رائد احمد علي	86
خارج القسم تعاون مع باحثين	Scopus	2022	Gongcheng Kexue Yu Jishu/Advanced Engineering Science	Experimental Assessment of a Hot Water Solar Collector for Sustainable Buildings in Iraq	احمد خالد ابراهيم رائد احمد محمود علي غازي محمد	87
خارج القسم تعاون مع باحثين	Scopus	2022	Symmetry publisher MDPI	Fault Diagnosis of Crack on Gearbox Using Vibration-Based Approaches	سفيان عبدالحكيم محمد اخرون	88
	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	89
	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 أحمد غيداء ابراهيم حسين	90
	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 عبد الباقي خالد الياس حمو	91
	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	92
	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	93
	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	94
	Scopus	2022	International Journal on “Technical and Physical Problems of Engineering” (IJTPE)	TURBULENT FLAME SPEED IN SPARK IGNITION ENGINES FOR BIOFUEL AND GASOLINE BLEND	نورالدين صالح خضر عبدالرحمن حبو محمد ياسر شكر محمود	95
	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 هلووش خضر طالب ماجستير	96
	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	97
	عالمية	2022	International Journal of Mechanical Engineering	The Influence of Dynamics and Vibrational Characteristics on Weldability of Joining Metals Ultrasonically	زياد شكيب عبد الباقي	98
	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	99
	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	100

	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	سهي هاشم احمد غيداء ابراهيم حسين	101
	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	102
	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	103
	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	104
	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	105
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