

## قائمة بحوث القسم العلمي

اسم الجامعة : جامعة الفرات الاوسط التقنية

اسم المعهد: المعهد التقني المسيب

اسم القسم : تقنيات ميكانيك القدرة

ملاحظات :

- ١- توضع علامة ( √ ) امام البحث اذا كان ضمن مستوعب Scopus او Web of Science او بحث منشور في مجلة عراقية .
- ٢- ترفق الصفحة الاولى من البحث .
- ٣- يتحمل القسم العلمي التبعات القانونية كافة في حال كون البيانات المقدمة غير دقيقة .
- ٤- في ما يخص اسم الباحث في اللغة الانكليزية بعض الباحثين يستخدمون اسم مختصر مثلا الاحرف الاولى من الاسم لذا يرجى كتابة الاسم في النشر العلمي .

ت	اسم الباحث	اسم الباحث باللغة الانكليزية (الاسم المستخدم بالنشر العلمي)	عنوان البحث	اسم المجلة / المؤتمر	سنة النشر	البحث ضمن Scopus	البحث ضمن Web of Science	البحث منشور ضمن المجلات العراقية	رابط البحث في موقع المجلة الالكتروني
1	هادي رحيم ابراهيم	Hadi Raheem Ibrahim	Implementation of finite element analysis for solving the constraints in forming process of large steel parts	Eastern-European Journal of Enterprise Technologies	2022	√			<a href="https://www.engpaper.com/technology-cente">https://www.engpaper.com/technology-cente</a>
2	امير حسن حمزة	Ameer Hassan Al-Mamoori	Effects of phase change material on the performance of solar dryer used for Eruca Sativa	IOP Conference Series: Materials Science and Engineering	2021	√			<a href="https://iopscience.iop.org/article/10.1088">https://iopscience.iop.org/article/10.1088</a>
3	مهني موسى محمد	Mohnad Mosa Mohammad	Printing angles of polylactic acid and carbon particles/polylactic acid composite and their effect on impact strength of 3D printers	Journal of Mechanical Engineering Research & Developments	2021	√			<a href="https://jmerd.net/03-2021-21-29">https://jmerd.net/03-2021-21-29</a>
4	عباس علاوي عباس	Abbas Allawi Abbas	Multi-layer polymer beam reinforced by graphene platelets on low velocity impact response	Pigment & Resin Technology	2021	√	√		<a href="https://www.emerald.com/insight">https://www.emerald.com/insight</a>
5	د. زهير حمد عبيد	Zuhair H.Obiad	Manufacturing Restriction Settings in The Process of Additional Formation of Sheet Metal	Journal of Mechanical Engineering Research and Developments	2021	√			<a href="https://docplayer.net/227783411">https://docplayer.net/227783411</a>

<a href="https://www.scientific.net/DDF.398.147">https://www.scientific.net/DDF.398.147</a>			√	2020	Defect and Diffusion Forum	Analytical Study of the Effect of NaCl Solution on Fatigue Resistance of Rotating Shafts	Sabah Hatam Obaid Hadi raheem ibrahim	صباح حاتم عبيد هادي رحيم ابراهيم	6
<a href="https://jmerd.net/02-/2020-154-164">https://jmerd.net/02-/2020-154-164</a>			√	2020	Journal of Mechanical Engineering Research and Developments	Microstructural Evaluation for TIG Welding of AA6061-T6 using ER5356 Filler Metal; in Postweld and as-Weld Treatment	Zuhair H Obaid	د.زهير حمد عبيد	7
<a href="https://jmerd.net/03-/2020-321-331">https://jmerd.net/03-/2020-321-331</a>			√	2020	Journal of Mechanical Engineering Research and Developments	Modelling And Finite Element Analysis For The Engine Cylinder Head Under Nonlinear Dynamic Thermal Mechanical Loading	Tawfeeq. N. Hussein	توفيق ناجي حسين	8
<a href="https://www.researchgate.net/publication/341188530">https://www.researchgate.net/publication/341188530</a>			√	2020	A Grey Wolf Optimization Based MPPT Algorithm for Energy Harvesting PV System	Journal of Green Engineering (JGE)	Rana Adil Abdul-Nabe	رنا عادل عبدالنبي	9
<a href="https://cms.atu.edu.iq/wp-content/uploads/2020/12/rawa-2.pdf">https://cms.atu.edu.iq/wp-content/uploads/2020/12/rawa-2.pdf</a>		√		2020	Journal of Research on the Lepidoptera	Optimal Allocation of D-Statcom in Multimachine Power System for Stabilization of Voltage Using GWO	Rana Adil Abdul-Nabe	رنا عادل عبدالنبي	10
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/557/1/012078">https://iopscience.iop.org/article/10.1088/1757-899X/557/1/012078</a>			√	2019	IOP Conference Series: Materials Science and Engineering	Studies on The Steel Reinforcement Performance in :Presence of NaCl Effects of Salt Concentration and Temperature	Sabah Hatam Obaid Hadi raheem ibrahim	صباح حاتم عبيد هادي رحيم ابراهيم	11
<a href="https://www.jardcs.org/backissues/abstract.php?archiveid=6602">https://www.jardcs.org/backissues/abstract.php?archiveid=6602</a>			√	2018	Journal of Advanced Research in Dynamical and Control Systems	Enhancement the Mechanical Properties of the Deep Drawing Products through Intelligence Design and Finite Element Analysis	Maher Ali Hussein Abbas Allawi Abbas	ماهر علي حسين عباس علاوي عباس رنا عادل عبد النبي	12
<a href="http://ijens.org/IJMME%20Vol%2018%20Issue%2003.html">http://ijens.org/IJMME%20Vol%2018%20Issue%2003.html</a>			√	2018	International Journal of Mechanical & Mechatronics Engineering	Design Parameters Estimation and Design Sensitivity Analysis in Manufacturing Process of Rubber Pad by Using Finite Element Technique	Abbas Allawi Abbas Maher Ali Hussein	عباس علاوي عباس ماهر علي حسين	13

<a href="https://scholar.google.com/citations?view_op=view">https://scholar.google.com/citations?view_op=view</a>	√			2018	Journal of Babylon University/Engineering Sciences	Effect of Interlayer Coating Thickness on the Hardness and Adhesion for the Tungsten Carbide Cutting Tool	Maher Ali Hussein Abbas Allawi Abbas	ماهر علي حسين عباس علاوي عباس	14
<a href="https://iasj.net/iasj/article/143906">https://iasj.net/iasj/article/143906</a>	√			2018	The Iraqi Journal For Mechanical And Material Engineering	Analytical Study of Dynamic Shear Strain effect on Shaping tool	Sabah Hatam Obaid	صباح حاتم عبيد	15
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/454/1/012003">https://iopscience.iop.org/article/10.1088/1757-899X/454/1/012003</a>			√	2018	IOP Conference Series: Materials Science and Engineering	Experimental investigation for optimum compression ratio of single cylinder spark ignition engine	Zuhair H. Obeid	د.زهير حمد عبيد	16
<a href="https://www.matec-conferences.org/articles/mateconf">https://www.matec-conferences.org/articles/mateconf</a>			√	2018	MATEC Web of Conferences 153, 05005 (2018)	Analysed statistically Modelling and Optimization of Laser Machining by Response Surface Methodology	Zuhair H Obaid	د.زهير حمد عبيد	17
<a href="https://www.matec-conferences.org/articles/mateconf/abs">https://www.matec-conferences.org/articles/mateconf/abs</a>			√	2017	MATEC Web of Conferences	Factors to Consider in Selecting an Organisational Improvement Initiative: Survey Results	Maher Ali Hussein	ماهر علي حسين	18
<a href="https://alkej.uobaghdad.edu.iq/index.php/alkej/article/view/433">https://alkej.uobaghdad.edu.iq/index.php/alkej/article/view/433</a>	√			2017	Al-Khwarizmi Engineering Journal	Effect Ti/AlTiN Multilayer Coating on the Crater Wear Process of Cutting Tool and Tribological Properties	Abbas Allawi Abbas Maher Ali Hussein	عباس علاوي عباس ماهر علي حسين	19
<a href="https://scholar.google.com/citations?view_op=view_citation">https://scholar.google.com/citations?view_op=view_citation</a>	√			2017	The Iraqi Journal For Mechanical And Material Engineering	Analytical Study Of Torsional Vibration Effect On Turning Shafts In Sudden Stop Case	Hadi Raheem Ibrahim	هادي رحيم ابراهيم	20
<a href="https://www.iasj.net/iasj?func=article&amp;ald=120391">https://www.iasj.net/iasj?func=article&amp;ald=120391</a>	√			2016	The Iraqi Journal For Mechanical And Material Engineering	The Effect Of Angle Reinforcing Of Composite Material Bars (Polymer) By Cellulose Acetate Fiber On Its Strength For Fatigue Stress	Sabah Hatam Obaid	صباح حاتم عبيد	21
<a href="http://www.scopus.com/inward/record.url?eid">http://www.scopus.com/inward/record.url?eid</a>			√	2016	UPB Scientific Bulletin, Series D: Mechanical Engineering	Comparison of cycle variability between gasoline and E20 fuelling of a supercharged spark ignition engine	Zuhair H Obaid	د.زهير حمد عبيد	22