

العدد: ف ل / 95
التاريخ: 2026/6/30

كلية البوليتكنك كركوك
قسم تقنيات فحص ولحام المعدات النفطية

السيدة عميد كلية البوليتكنك كركوك المحترمة...

م/ بحوث رئيس القسم

تحية طيبة...

يرجى التفضل بالاطلاع على إحصائية بحوثي للسنوات الدراسية الثلاث الأخيرة، والمثبتة في الجدول أدناه.

ت	عنوان البحث	السنة	نوع المجلة	الملاحظات
1	An Experimental Study on Electricity Generator Emissions and Their Environmental Impact in Kirkuk City	2024	عالمي	منفرد
2	Design a model for producing fresh water using a refrigeration cycle supported by wind and solar energy	2024	عالمي	تسلسل الاول
3	The effect of basic building materials and their paving shapes on the thermal performance of walls in Iraqi residential buildings	2024	عالمي	تسلسل الثاني
4	Experimental Study of Different Size of Nanoparticles on the Performance of Solar Collector	2025	عالمي	تسلسل الثاني
5	Exhaust heat utilization of a household generator engine for refrigeration purposes: case study	2026	سكوبس Q1	تسلسل الاول

مع التقدير...



م. مرال محمود حسين

رئيس القسم

2026/6/30

نسخة منه:

ملف مذكرات القسم

Research Papers Summary Table

	Publisher / Journal	Publication Year
Enhancement of small wind turbine efficiency by using nozzle at entrance	NTU Journal for Renewable Energy (Northern Technical University)	2025
Overview improving the efficiency of a wind turbine by using a nozzle and solar radiation	Unconventional Resources (KeAi / ScienceDirect / Elsevier)	2025



م.م زهراء عثمان شوكت

No.	Article Title	Journal/Publisher	Year
1	Evaluation of Parameters for Magnesium Fabrication by Powder Metallurgy Route	CMSM 2023, LNME, pp. 3–9, 2024. https://doi.org/10.1007/978-3-031-65007-9_1 Springer	2024
2	Experimental and optimization study of powder metallurgy process parameters of magnesium base AZ31 alloy using taguchi method	Engineering and Technology Journal 42 (06) (2024) 687-698	2024
3	Investigation the Effect of TiC on Some Properties of ZA-27 Alloy Prepared By Powder Metallurgy Method	Materials Research. 2024; 27:e20240143-DOI: https://doi.org/10.1590/1980-5373-MR-2024-0143	
4	Investigation the Effect of Micro and Nano Size (SiO ₂) on the Corrosion Resistance of Aluminum	PHYSICS AND CHEMISTRY OF SOLID STATE-V. 26, No. 4 (2025) pp. 858-866	2025
5	Optimizing Powder Metallurgy Parameters for Pure Magnesium Using the Taguchi Method and ANOVA	Iran. J. Chem. Chem. Eng. (IJCCE) Vol. 44, No. 04 (2025)	2025
6	Application of Bioinspired Impact-Resistant Composites in Mechanical Structures	Advances in Mechanical and Materials Engineering-Volume 43, 2026, Pages 15-27- https://doi.org/10.7862/rm.2026.2	2026
7	Effect of Nano-TiO ₂ Addition on Some Properties of Pre-Alloyed CoCrMo Fabricated via Powder Technology	Materials 2026, 19, 186 https://doi.org/10.3390/ma19010186	2026
8	Experimental Investigation and Optimization of Powder Metallurgy Processes Using Response Surface Methodology and Artificial Neural Networks, and Corrosion Behavior of Pure Magnesium	JMEPEG-ASM International- https://doi.org/10.1007/s11665-026-13215-4	2026
9	Comparative corrosion behavior of sintered pure magnesium in HCl and half-strength Ringer's solution	Sādhanā (2026) 51:148- https://doi.org/10.1007/s12046-026-03121-9 Sadhana(0123456789().,-volV)FT3](0123647589().,-volV)	2026


 ا. د. محمد بن عبد الله

Research Meta-Data Table

Field	Details
Research Title	Optical Properties of Nanotechnology Based on Image Sensors
Publisher / Journal	American Journal of Technology Advancement (AJTA)
Publication Year	2025

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