

البحوث المنشورة للتدريسيين في قسم هندسة المواد للعام الدراسي ٢٠١٩-٢٠٢٠

ت	اسم التدريسي	الدرجة العلمية	اسم البحث	سنة النشر	جهة النشر
١	حيدر معاذ محمد	استاذ مساعد	Evaluation and Optimization of Composite Thermal Insulators from Waste Materials	٢٠١٩	Basrah Journal for Engineering Sciences, Vol. 1, No.1, 2019.
٢	اسامة جاسم نعيم	مدرس	Recycling the Waste of Paper into Usable Board	٢٠٢٠	AIP Conference Proceedings
٣	عزام داود حسن	مدرس	Comparative and assessment study of torsional fatigue life for different types of steel	٢٠١٩	SN APPLIED SCIENCES
٤	قيس عبد الحسن رشك	مدرس	Unsteady Three-Dimensional Numerical Study of Laminar Flow in Sudden Expansion Channel (Effect of Aspect Ratio)	٢٠١٩	International Journal of Mechanical Engineering and Technology
			Study of enhancing thermo-hydraulic performance of turbulent flow inside a tube occupied with central cut twisting tapes	٢٠١٩	University of Thi_Qar Journal for Engineering Sciences
			Performance evaluation of the characteristics of flow and heat transfer in a tube equipped with twisted tapes of new configurations	٢٠٢٠	International Journal of Thermal Sciences
٥	حيدر عبد الحسن عبود	استاذ مساعد	Hydrothermal synthesis of Mn(OH)O nanowires and their thermal conversion to (1D)-manganese oxides nanostructures	٢٠٢٠	Journal of Crystal Growth
			Pyrene-Degrading Fungus Ceriporia lacerata RF-7 from Contaminated Soil in Iraq	٢٠٢٠	Taylor & Francis
			Ultrahigh-CO2 Adsorption Capacity and CO2/N2 Selectivity by Nitrogen-Doped Porous Activated Carbon Monolith		CHEMICAL SOC JAPAN
			Fabrication of double-sided comb-like F/Ce co-doped BiVO4 micro/nanostructures for	٢٠٢٠	Springer

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		enhanced photocatalytic degradation and water oxidation			
The 2nd International Conference on Materials Engineering and Science [25/09/2019 -University of Technology Baghdad-Iraq]	٢٠١٩	Recycling the Waste of Paper into Usable Board	استاذ مساعد	صفاء عبدالقادر صالح	٦
NICST 2019 Sulaymaniyah- IRAQ 25 - 29 Oct 2019	٢٠١٩	Evaluation The Mechanical Properties of HighDensity Polyethylene with Mulch Waste Tires By Using Neuro-Fuzzy Model			
International Scientific Conference of the University of Babylon (ISCUB-2019)	٢٠١٩	Effect of Cold Rolling Process on Properties of Aluminum-Magnesium Alloy (AA 5456)			
1st. International Conference in Physical Science & Advance Materials (PAM2019)	٢٠١٩	Sustainable manufacturing process applied to produce magnesium oxide from sea water			
Journal of Physics: Conference Series	٢٠١٩	Molecular dynamic simulation of the density and mechanical properties of polyvinyl chloride(PVC)/high density polyethylene (HDPE) composites based on	مدرس	نهى هادي جاسم	٧
Case Studies in Construction Materials	٢٠١٩	The dual effect of stem extract of Brahmi(Bacopamonnieri) and Henna as a green corrosion inhibitor for low carbon steel in 0.5 M NaOH solution			
Journal of Advanced Ceramics	٢٠٢٠	Effects of calcination temperature and time on the Ca ₃ Co ₄ O ₉ purity when synthesized using starch-assisted sol-gel combustion method	مدرس مساعد	محمد مصطفى عبد الحافظ	٨
International Journal of Scientific & Technology Research	٢٠٢٠	Reviewing Of STEP-NC Standards Related To Manufacturing Industries			