

البحوث المنشورة للعام الدراسي 2024-2025		
ت	اسم البحث	اسم الباحث
1	<b>Microstructure, Mechanical Properties, and Heat Distribution ANSYS model of CP Copper and 316 Stainless Steel Torch Brazing</b>	اقبال عبد الله راشد عدي عواد عبطان محمد صبيح
2	<b>Effect of Excessive Clamping Force on Bolted CFRP Composite Plates</b>	اقبال عبد الله راشد
3	<b>Eco-optimized experimental and computational analysis of coarse wood chips fluidization aerodynamics in bed reactors</b>	علي رسول مهدي
4	<b>Experimental investigation of aerodynamic behavior of wood chips in fluidized bed reactors as a sustainable biomass fuel</b>	علي رسول مهدي
5	<b>Numerical Analysis of Time-Varying Temperature Profiles and Nanoparticle Concentration Effects on Nano-Enhanced Phase Change Materials in Enclosed Systems,</b>	ليث جعفر حبيب
6	<b>The Effects of Magnetic Nanofluid Flow with Different Heat Flux and Magnetic Field on Heat Transfer Through Horizontal Pipe</b>	ليث جعفر حبيب
7	<b>Investigational Survey of Heat Transfer in Heat Exchanger Containing Al<sub>2</sub>O<sub>3</sub> as Nano-Fluid</b>	ليث جعفر حبيب
8	<b>Numerical study of a wickless heat pipe for cooling of electronic component</b>	ليث جعفر حبيب
9	<b>A Numerical Study of the Effect of Geogrid on Road Way Reinforced with Layers of Pavements</b>	ليث جعفر حبيب

10	<b>A numerical study of the effect of the angle and diameter of the injector in internal combustion engines</b>	ليث جعفر حبيب
11	<b>Analysis of Friction Factor and Coefficient of Friction by Employing Ring Compression Tes under Various Deformation Speed</b>	احمد سلمان
12	<b>Enhancing building sustainability through aerodynamic shading devices:an integrateddesign methodology using finite element Analysis and optimized neural networks</b>	احمد سلمان
13	<b>Using froude and weber numbers to represent the changes in the flow pattern from stratified to stratified-wavy or plug for wire-on-tube condenser</b>	حسنين عدنان عبد الوهاب
14	<b>Enhancement of the heat transfer performance of a double-pipe heat exchangers in various configurations using Al<sub>2</sub>O<sub>3</sub> nanofuid: A focused review</b>	حسنين عدنان عبد الوهاب
15	<b>Experimental and Numerical Analyses of the Influence of Al<sub>2</sub>O<sub>3</sub> Nanoparticle Supplementation in Biodiesel (Water Hyacinth) Blends with Diesel on CI Engine Responses</b>	حسنين عدنان عبد الوهاب
16	<b>Flame Evolution Characteristics for Hydrogen/LPG Co-Combustion in a Counter-Burner</b>	حسنين عدنان عبد الوهاب
17	<b>PERFORMANCE ENHANCEMENT OF A SOLAR WATER COLLECTOR USING ALUMINIUM POROUS MEDIUM AND NANOPARTICLES</b>	حسنين عدنان عبد الوهاب
18	<b>Performance Improvement and Emissions Reduction with Environmentally Friendly Water Diesel Emulsion Fuel</b>	حسنين عدنان عبد الوهاب

19	<b>Numerical Analysis of Horizontal Geothermal Heat Exchanger at Various Burial Depths for Solar PV/T Cooling in South Iraq Weather</b>	حسنين عدنان عبد الوهاب
20	<b>The Influence of Gas Fuel Enrichment with Hydrogen on the Combustion Characteristics of Combustors: A Review</b>	حسنين عدنان عبد الوهاب
21	<b>Nanoparticle Distribution in Compression Ignition Engines Using Rapeseed Methyl Ester</b>	حسنين عدنان عبد الوهاب