الباحثون المشاركون	عنوان البحث	الكلية	اسم الباحث	ت
	The Effect of Team Teaching on the Iraqi EFL Learners' Grammar Improvement	كلية الهندسة	حسنين حمود بهاء الدين محمد باقر	88
	Modular metric spaces : Some fixed-point theorems and application of secure dynamic routing for WSN	كلية الهندسة	حسين زكي جاسم	89
	Performance Evaluation of Solar Vortex Updraft Air Generator under the Effect of Various Vanes Angles Operation Conditions	كلية الهندسة	حسين علي جعفر فياض	90
	Analysis of piled raft foundation with different piles length, dimensions and types of load using field tests and 3Danalyses	كلية الهندسة	حسين هادي حسين	91
	The conduct of piled raft system in sandy soil exposed to vertical load by using dynamic load tests			
	Model to identify comfortable cloth fabric for human body during thermal stress due to physical exercise	كلية الهندسة	رسول حمد رشيد	92
	The nano-pumping process of C20 molecules from carbon nanotube at the different external electric fields and atomic defects: A molecular dynamics appr			
	Thermal performance of forced convection of water- NEPCM nanofluid over a semi-cylinder heat source			
	Decreasing the stick-slip vibration during drilling wells using water and polymer drilling mud modified with NanoSiO2 particles	كلية الهندسة	ضياء خفيف خشان	93
	Factors impacting the performance of polymer-based EOR in oil reservoirs			
	The Effects of Corrosion Problems on the Performance of Oil Wells Operated with Electrical Submersible Pumps: Lessons Learned			
	The performance of streamline simulation technique to mimic the waterflooding management process in oil reservoirs			
	A Numerical Study of a Square Cell Filled with Ice with the Presence of Different Length Slit Inside the Cell	كلية الهندسة	علي باسم محمد علي حمزه	94
	Advancing task recognition towards artificial limbs control with ReliefF-based deep neural network extreme learning			
	Air Bubble Position Effect on Phase Change Material Melting in a Semi-Cylindrical Container: A Thermal Analysis			
	Calculating minimum droplet diameter in dripping, spindle, and cone-jet modes based on experimental data in the electrospray process			
	EXPERIMENTAL AND NUMERICAL ANALYSIS OF COMBUSTION WITH FUEL INJECTION PORTS DISPERSED WITHIN THE FLAME HOLDING ZONE OF THE TURBOJET TUBULAR BURNER			
	Investigating the effect of pH on the swelling process, mechanical and thermal attributes of polyacrylamide hydrogel structure: A molecular dynamics s			
	Investigation of Two-Way Fluid-Structure Interaction of Blood Flow at Different Temperature using CFD			
	Numerical Assessment of Tsunami Forces on Vertical Wall Structures: Impact of Inundation Depth and Incident Fluid Velocity			
	Optimum tilt and azimuth angles of heat pipe solar collector, an experimental approach			
	Synthesis, Characterization and Optimization of Sulfonated Poly-Ether-Ether-Ketone (sPEEK)/Functionalized Carbon Nanotubes (c-CNTs) Nanocomposite Memb			
	The effect of initial pressure on the thermal behavior of the silica aerogel/PCM/CuO nanostructure inside a cylindrical duct using molecular dynamics			
	The effect of initial temperature and oxygen ratio on air-methane catalytic combustion in a helical microchannel using molecular dynamics approach			
	Utilizing the dangled jute cords, reflectors, and condensation cycle to improve the double sloped distiller performance			

الباحثون المشاركون	عنوان البحث	الكلية	اسم الباحث	ت
	ANALYSIS OF THE NATURAL COMPOSITE MATERIAL LAYERS INFLUENCE ON THE CANTILEVER'S STRUCTURAL PERFORMANCE	كلية الهندسة	علي حمودي عبد الكريم وزير	95
	Experimental and theoretical investigation of 5-(5-bromothiophen2-yl)oxazole as a highly effective corrosion inhibitor for mild steel in 1 M hydrochlo			
	Enhancing Heat Removal and H2O Retention in Passive Air-Cooled PEM Fuel Cell by Altering the Flow-Field Geometry	كلية الهندسة	علي محمد حسين محسن سالم	96
	Simulation Study of Heat Transfer Behaviour of Turbulent Two-Phase Flow in a 3D Cubic Shell and Tube Heat Exchanger Using Water and Different Nanofluids			
	A Numerical Analysis of Pin Fin Configurations for Enhancing Heat Exchanger Performance			
	Physical Mechanism for Prolonged Test Duration in Shock Tubes			
	Inductive 3D numerical modelling of the tibia bone using MRI to examine von Mises stress and overall deformation			
	Enhancing Indoor Air Quality for Residential Building in Hot Arid Regions	كلية الهندسة	غانم كاظم عبد السادة	97
ناطق عزيز عمران #	A Proposed Approach for Object Detection and Recognition by Deep Learning Models Using Data Augmentation	كلية الهندسة	فارس كريم حليوت طوفان	98
	Developing Healthcare using Internet of Things (IoT): A Survey of Applications, Challenges and Future Directions			
	Optimum design of trusses	كلية الهندسة	قاسم علي حسين حاوي	99
	Experimental and Theoretical Analysis for Determining the Maximum عنوان البحث Expansion Ratio of Castellated Steel Beams	كلية الهندسة	ماهر خضر عباس	100
	Numerical Investigation on Flexural Performance of Hybrid Concrete T-Beams			
	Simplified Approach for Determining Critical Load in Portal Frames Elastic Stability Analysis			
	Torsional Performance of Concrete Beams Strengthened with High Performance Concrete			
	Urban Development of Bayn Al-Haramayn Zone Based on 25-Year Estimation of Al-Arbaeen Crowd Density			
	Study on Compression Ignition Engine Performance and Emissions Fueled by Biodiesel – Diesel Blends	كلية الهندسة	محمد اياد علي	101

الباحثون المشاركون	عنوان البحث	الكلية	اسم الباحث	ت
	Cyclic behavior of simply supported RC spliced deck girder with UHPC cast in place joint: an experimental and numerical study	كلية الهندسة	مصطفى صلاح شاكر محمود	102
	Design of Machine Learning Model to Predict Joint Shear Strength for Interior Beam-Column Joint			
	Estimating the joint shear strength of exterior beam–column joints using artificial neural networks via experimental results			
	Influence of Shear Connector Type and Degree on Semi-Rigid Joints of Composite Cold-Formed Steel Beam-to-Column Connections			
	Influence of the fire direction on the behavior of composite steel beam connected with corrugated plate concrete deck mechanically by X-HVB shear conn			
	Investigating the behavior of composite steel–concrete beams with X-HVB shear connectors exposed to various fire temperature levels			
	Numerical Simulation of Piano Key Weir Type-B			
	Parametric study for structural performance of spliced hybrid deck beams with UHPC cast in place joints			
	Prediction of high performance concrete strength using machine learning with hierarchical regression			
	Structural Behavior of Precast Ultra High-Performance Concrete of Hemispherical Dome Under Concentrated Load			
	Structural behavior of spliced deck beams with UHPC joints under monotonic load			
	The Behaviour of Composite Cold-Formed Steel Beam-To- Column Joints with Different Shear Connection			
	The effect of cross section type on the performance of different sized bolted shear connectors for composite cold-formed steel beams			
	The structural behavior of composite cold-formed steel beam-to-column joints with different connection shapes			
	(-1)-Reconstruction of the Decomposables Solution of Mn	كلية الهندسة	نهاد عبدالجليل مجيد حميد	103
	Enhancing the Performance of Speck Cryptography Executed over GPU Computing			
	Parallel Multi-core Implementation of the Optimized Speck Cipher			
	Some Results on Bivalent Table			
حسن طالب هاشم صالح #	Experimental investigation of effect Thermoelectric Cooler on Solar Panel performance	كلية الهندسة	ولاء ناصر عباس عليوي	104

Chlorophyll and Nano-Lead Infused Bio-Silicon Sheets for X-Ray Radiation Shielding in Medical Applications	كلية الهندسة	احمد احسان جاسم محمد	78
Applying additive-modifiers in dewaxing raffinate process	كلية الهندسة	احمد عدنان حيدر كريم	79
Study of the dispersion of bitumens modified with secondary polyethylene terephthalate			
Study of the influence of aromatic hydrocarbons on the process of tar oxidation			
Совершенствование технологии получения базовых минеральных масел и парафинов			
Classifying electrocardiograph waveforms using trained deep learning neural network based on wavelet representation	كلية الهندسة	احمد محمد مرزة	80
Design of Cloud Computing System for Radio Frequencies Monitoring			
Evaluation of wind-solar hybrid power generation system based on Monte Carlo method			
Electrospun Nanofibres of Alginate, Polyvinyl Alcohol, and Nanohydroxyapatite as a Coating of Titanium Implant to Enhance Osseointegration	كلية الهندسة	اسامة عبد الباري	81
Marine Oil Spill Detection using Deep Learning Approaches Based on Cloud Environment	كلية الهندسة	الاء اكرم جواد محمد	82
Comparative geotechnical analysis for ultimate bearing capacity of precast concrete piles using cone resistance measurements	كلية الهندسة	بشار هاشم عبدالحسين كاظم	83
Evaluating Strength Characteristics of PVA- Reinforced Clay Soils			
Comparison of MPPT Techniques Using Metaheuristic Algorithms	كلية الهندسة	حارث نوفل عبدعلي محسن الموسوي	84
Applications of Drone to fight Against Covid-19: Comprehensive Review	كلية الهندسة	حاكم سماوي سلطان حسين	85
A review of recent design performance and configuration of solar still			
A shell tube latent heat thermal energy Storage			
Analysis of the Dynamic Response of Variable Bearing Design under Impact Load Using Taguchi Method			
Evaluation of mechanical performance and structural characterization of hybrid composite			
Evaluation of wavy wall configurations for accelerated heat recovery in triplex-tube energy storage systems for building heating applications			
Frictional power loss in journal bearing considering parabolic bearing			
Heat Transfer enhancement in a shell-tube latent heat thermal energy storage unit			
Multi-Agents Systems: A Review			
Review of recent designs, performance, and configurations for the pyramid solar still			
Sustainability and future trend			
Systematic Design and Simulation			
Smart ring producing renewable energy using for biomedical applications	كلية الهندسة	حسن طالب هاشم صالح	86
Fabrication of Chitosan-impregnated Silica Reinforced with graphene oxide Nanocomposite as an Adsorbent for Methylene Blue Dye Removal from Aqueous	كلية الهندسة	حسن علاوي صبار متعب	87