**بحوث الاساتذة للعام الدراسي 2020/2021**

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| **ت** | **الاسم الكامل** | **اسم البحث**  | **صنف البحث** | **اسم المجلة** |
| **1** | ابتهال عباس صادق عبد الرضا فيض الله | A five-variable refined plate theory for thermal buckling analysis of composite plates | مشترك | [Journal of Engineering](https://joe.uobaghdad.edu.iq/index.php/main/issue/view/85) |
| **2** | احسان يحيى حسين خلف السعيدي | effect of frictional material on thermal behavior of brake system | مشترك | Tribology in Industry |
| **3** | Thermal and Thermoelastic Problems in Dry Friction Clutch: A Comprehensive Review | مشترك | Heat Transfer |
| **4** | احمد عبد الحسين علي عبد الرزاق الحلاوي | Simulation and the Theoretical of Forward Kinematics and Inverse Kinematics of the Robotic Arm 6DOF using Python | مشترك | Journal of Mechanical Engineering Research and Developments |
| **5** | Experimental and Theoretical Optimal Regulator Control of Balance Zero Moment Point for Bipedal Robot | مشترك | **Journal of Engineering and Sustainable Development (JEASD)** |
| **6** | The effect of Attack Angle on the Vibration Suppression of Composite Wing Airfoil NACA 0012 | مشترك | Association of Arab Universities Journal of Engineering Sciences |
| **7** | Simulation and Experimental Walking Pattern Generation for Two Types of Degree of Freedom Bipedal Locomotion Robot | مشترك | [Journal of Engineering](https://joe.uobaghdad.edu.iq/index.php/main/issue/view/85) |
| **8** | Investigation of wear resistance for variable configurations of woven glass-fiber reinforced composite materials | مشترك | [Materials Research Express](https://iopscience.iop.org/journal/2053-1591) |
| **9** | Simulation of Pose to Pose Moving of the Mobile Robot with Specified GPS Points | مشترك | [Journal of Engineering](https://joe.uobaghdad.edu.iq/index.php/main/issue/view/85) |
| **10** | افين احمد عبد الكريم احمد الخياط | Theoretical Formulation of Maximum Bending Stress Value and Location for Cycloid Teeth Spur Gear | مشترك | Journal of Mechanical Engineering Research and Developments |
| **11** | Effect of Using the Biolubricant Oil on the Dynamic Performance of Journal Bearings | مشترك | International Journal of Mechanical & Mechatronics Engineering |
| **12** | Generation of Cycloid Spur Gear using Standard Cartesian and Alternative Polar Coordinate Form | مشترك | Journal of Mechanical Engineering Research and Developments |
| **13** | اكرم وهبي احمد عزت زينل | Investigation of Evaporation and Condensation Process of Induced Flow using Steam Ejector | مشترك | Journal of mechanics of continua and mathematical sciences |
| **14** | Probabilistic Risk Assessment of Typical Process Plant using Event Tree and Fault Tree Analysis | مشترك | Journal of Mechanical Engineering Research and Developments |
| **15** | Investigation of Steam Jet Flash Evaporation with Solar Thermal Collectors in Water Desalination Systems | مشترك | [Thermal Science and Engineering](https://www.researchgate.net/journal/Thermal-Science-and-Engineering-Progress-2451-9049?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0) progress |
| **16** | Thermal Characteristics Optimization of Phase Change Walls in Zero Energy Buildings | مشترك | Journal of Mechanical Engineering Research and Developments |
| **17** | ايسر منير فليح حسن العبيدي | Experimental Steam Condensation Enhancement on Metal Foam Filled Heat Exchanger | مشترك | Journal of Mechanical Engineering Research and Developments |
| **18** | ايمان قاسم عبد الحسين جواد الازري | Life Enhancement of Partial Removable Denture Made by Biomaterials Reinforced by Graphene Nanoplates and Hydroxyapatite with the Aid of Artificial Neural Network | مشترك | Journal of Mechanical Engineering Research and Developments |
| **19** | Probabilistic Risk Assessment of Typical Process Plant using Event Tree and Fault Tree Analysis | مشترك | Journal of Mechanical Engineering Research and Developments |
| **20** | بان حسين كصاب هاشم العبادي | Investigation of wear resistance for variable configurations of woven glass-fiber reinforced composite materials | مشترك | [Materials Research Express](https://iopscience.iop.org/journal/2053-1591) |
| **21** | ثامر صلاح مهدي صالح الدليمي | Evaluation of Cutting-Tool Coating on the Surface Roughness and Hole Dimensional Tolerances during Drilling of Al6061-T651 Alloy | مشترك | Materials |
| **22** | حمزة عبد الرسول حسين نجم التميمي | Evaluation of Cutting-Tool Coating on the Surface Roughness and Hole Dimensional Tolerances during Drilling of Al6061-T651 Alloy | مشترك | Materials |
| **23** | Investigation of wear resistance for variable configurations of woven glass-fiber reinforced composite materials | مشترك | [Materials Research Express](https://iopscience.iop.org/journal/2053-1591) |
| **24** | رائد كاطع صيهود حسن السوداني | NUMERICAL INVESTIGATION OF DEVELOPING LAMINAR FLUID FLOW THROUGH RECTANGULAR ANNULUS DUCT | مشترك | Journal of mechanics of continua and mathematical sciences |
| **25** | سهير غازي حسين عبد العباس الربيعي | Life Enhancement of Partial Removable Denture Made by Biomaterials Reinforced by Graphene Nanoplates and Hydroxyapatite with the Aid of Artificial Neural Network | مشترك | Journal of Mechanical Engineering Research and Developments |
| **26** | عصام محمد علي حمد الجبوري | Experimental performance of cooling photovoltaic panels using geothermal energy in an arid climate | مشترك | Heat Transfer |
| **27** | Energetic and exergetic efficiency analysis of a v-corrugated solar air heater integrated with twisted tape inserts | مشترك | * [Renewable Energy](https://www.researchgate.net/journal/Renewable-Energy-0960-1481?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0)
 |
| **28** | Experimental Investigation of Two-Stage Evaporative Cooler Powered by Photovoltaic Panels Using Underground Water | مشترك | * [Journal of Building Engineering](https://www.researchgate.net/journal/Journal-of-Building-Engineering-2352-7102?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0)
 |
| **29** | علي ابراهيم موسى احمد الربيعي | SOUND ABSORPTION COEFFICIENT OF MPP WITH IRREGULAR HOLES DISTRIBUTION | مشترك | International Journal of Advanced Research in Engineering and Technology |
| **30** | INVESTIGATION ON THE AIR-GAS CHARACTERISTICS OF AIR-HYDROGEN MIXER DESIGNED FOR DUAL FUEL – ENGINES | مشترك | Physics and Engineering |
| **31** | كريمة اسماعيل عموري رزوقي الشمري | An Investigation of Hybrid Solar-Steam Power Plant: A case study in Iraq | مشترك | Journal of Petroleum Research and Studies |
| **32** | لمى فاضل علي هلال الدليمي | Numerical investigation for Natural Convection in a square Enclosure With partially active thermal sides’ wall | مشترك | Journal of Mechanical Engineering Research and Developments |
| **33** | CONJUGATE NATURAL CONVECTION IN A POROUS ENCLOSURE SANDWICHED BY FINITE WALLS AND SUBJECTED TO CONVECTION COOLING CONDITION | مشترك | [Journal of Engineering and Sustainable Development (JEASD)](https://www.iasj.net/iasj/journal/99/issues) |
| **34** | Numerical Investigation of Natural Convection Heat Transfer in Partially Filled Porous Enclosure Subjected to Constant Heat Flux | مشترك | Journal of Mechanical Engineering Research and Developments |
| **35** | مجيد حبيب فيض الله ذو الفقار الجاف | Design and Calibration a New Device for Multiple Cyclic Perpendicular Bending Moments | مشترك |  |
| **36** | Experimental and Numerical Fatigue Analysis of Brass Shaft Specimen under Cyclic Bending Moments | مشترك | Journal of mechanics of continua and mathematical sciences |
| **37** | Stress and Strain Analysis for the Prosthetic Hand Design Actuated by Links | مشترك | Journal of Mechanical Engineering Research and Developments |
| **38** | محمد قاسم عبد الله عبد الكريم العقبي | Theoretical Formulation of Maximum Bending Stress Value and Location for Cycloid Teeth Spur Gear | مشترك | Journal of Mechanical Engineering Research and Developments |
| **39** | Generation of Cycloid Spur Gear using Standard Cartesian and Alternative Polar Coordinate Form | مشترك | Journal of Mechanical Engineering Research and Developments |
| **40** | محمد عبد الرؤوف نعمة محمد الصافي | Experimental System Investigation of Thermal Performance of Aluminum Foil Coated with Polyester in a DirectEvaporative Cooling | مشترك | [Journal of Engineering](https://joe.uobaghdad.edu.iq/index.php/main/issue/view/85) |
| **41** | Investigation Of A Finned Heat Sink Thermal Performance Utilized With A Combined System Of Piezoelectric Actuator And Multiple Magnetic Fans | مشترك | Journal of Mechanical Engineering Research and Developments |
| **42** | منذر عبد الله موسى حسن الصميدعي | Maximization of heat transfer density from a single-row cross-flow heat exchanger with wing-shaped tubes using constructal design | مشترك | Heat Transfer |
| **43** | Experimental study on the effect of tube rotation on performance of horizontal shell and tube latent heat energy storage | مشترك | * [Journal of Energy Storage](https://www.researchgate.net/journal/Journal-of-Energy-Storage-2352-152X?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0)
 |
| **44** | نجم عبد جاسم رسن الموزاني | Experimental study of space heating by air heater solar with phase change thermal storage | مشترك | Journal of mechanics of continua and mathematical sciences |
| **45** | Research progress on Passive solar still: a review | مشترك | International review of mechanical engineering |
| **46** | وائل سامي وديع حنا سرسم | Experimental investigations of the performance of a flat-plate solar collector using carbon and metal oxides based nanofluids | مشترك | [Energy](https://www.researchgate.net/journal/Energy-0360-5442?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0) |
| **47** | Thermal performance of a flat-plate solar collector using aqueous colloidal dispersions of multi-walled carbon nanotubes with different outside diameters | مشترك | Experimental Heat Transfer |
| **48** | وداد ابراهيم مجيد قدوري العزاوي | Effect of boundary conditions on thermal buckling of laminated composite shallow shell | مشترك | [Materials Today Proceedings](https://www.researchgate.net/journal/Materials-Today-Proceedings-2214-7853?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0) |
| **49** | Transient Analysis of Laminated Composite Plate Using New Higher-Order Shear Deformation Theory | مشترك | [IOP Conference Series: Materials Science and Engineering](https://iopscience.iop.org/journal/1757-899X) |
| **50** | وليد خالد خيري محمد علي الاشتري | Enhancing structural response using inerter dampers | مشترك | Journal of mechanics of continua and mathematical sciences |
| **51** | Rotational Piezoelectric Energy Harvesting: A Comprehensive Review on Excitation Elements, Designs, and Performances | مشترك | Energies |