

| Name | Title | Award type | Magazine | Evaluation | Notes |
|---------------------------------------|--|-------------------------|--|-----------------------------------|-------|
| احمد ابوالوفا مجاهد ابوالوفا البسيوني | INVESTIGATION AND PREDICTION OF ABRASIVE WEAR RATE OF HEAT-TREATED HCCIS WITH DIFFERENT CR/C RATIOS USING ARTIFICIAL NEURAL NETWORKS | WOS - FirstAffiliation | International Journal of Metalcasting | Q2 لتصنيف WOS Analytics في التخصص | |
| | Effect of through-the-thickness position of aluminum wire mesh on the mechanical properties of GFRP/Al hybrid composites | WOS - FirstAffiliation | journal of materials research and technology | Q1 لتصنيف WOS Analytics في التخصص | |
| | Effect of incorporating aluminum wire mesh on the notched and un-notched strengths of glass fiber/epoxy composites | WOS - FirstAffiliation | Composite Structures | Q1 لتصنيف WOS Analytics في التخصص | |
| احمد حسين ابراهيم محمود | An Integrated Sustainable Construction Project's Critical Success Factors (ISCSFs) | WOS - FirstAffiliation | SUSTAINABILITY | Q2 لتصنيف WOS Analytics في التخصص | |
| | Toward Reducing Construction Project Delivery Time under Limited Resources | WOS - FirstAffiliation | SUSTAINABILITY | Q2 لتصنيف WOS Analytics في التخصص | |
| | Development of infrastructure projects sustainability assessment model | WOS - FirstAffiliation | Springer - Environment, Development and Sustainability | مرفوض | 2022 |
| | A new comprehensive learning marine predator algorithm for extracting the optimal parameters of supercapacitor model | WOS - SecondAffiliation | Journal of Energy Storage | Q1 لتصنيف WOS Analytics في التخصص | |
| | Minimum hydrogen consumption based control strategy of fuel cell/ PV/battery/supercapacitor hybrid system using recent approach based parasitism-predation algorithm | WOS - SecondAffiliation | Energy | Q1 لتصنيف WOS Analytics في التخصص | |
| | Parameters identification of solid oxide fuel cell for static and dynamic simulation using comprehensive learning dynamic multi-swarm marine predators algorithm | WOS - SecondAffiliation | Energy Conversion and Management | Q1 لتصنيف WOS Analytics في التخصص | |

| | | | | |
|---|-------------------------|---|-----------------------------------|--------------------------------------|
| A reliable approach for modeling the photovoltaic system under partial shading conditions using three diode model and hybrid marine predators-slime mould algorithm | WOS - SecondAffiliation | Energy Conversion and Management | Q1 لتصنيف WOS Analytics في التخصص | |
| A novel strategy based on recent equilibrium optimizer to enhance the performance of PEM fuel cell system through optimized fuzzy logic MPPT | WOS - SecondAffiliation | Energy | Q1 لتصنيف WOS Analytics في التخصص | |
| Efficient fractional-order modified Harris hawks optimizer for proton exchange membrane fuel cell modeling | WOS - SecondAffiliation | Engineering Applications of Artificial Intelligence | Q1 لتصنيف WOS Analytics في التخصص | |
| A modified Marine Predator Algorithm based on opposition based learning for tracking the global MPP of shaded PV system | WOS - SecondAffiliation | Expert Systems With Applications | Q1 لتصنيف WOS Analytics في التخصص | |
| Robust approach based chimp optimization algorithm for minimizing power loss of electrical distribution networks via allocating distributed generators | WOS - SecondAffiliation | Sustainable Energy Technologies and Assessments | مرفوض | تم التقدم بنفس البحث من قبل باحث آخر |
| A robust photovoltaic array reconfiguration strategy based on coyote optimization algorithm for enhancing the extracted power under partial shadow condition | WOS - SecondAffiliation | Energy Reports | Q1 لتصنيف WOS Analytics في التخصص | |
| Recent Approach of Forensic-Based Investigation Algorithm for Optimizing Fractional Order PID-Based MPPT With Proton Exchange Membrane Fuel Cell | WOS - SecondAffiliation | IEEE ACCESS | Q2 لتصنيف WOS Analytics في التخصص | |

| | | | | |
|--|-------------------------|--|-----------------------------------|--|
| Recent Approach Based Movable Damped Wave Algorithm for Designing Fractional-Order PID Load Frequency Control Installed in Multi-Interconnected Plants With Renewable Energy | WOS - SecondAffiliation | IEEE ACCESS | Q2 لتصنيف WOS Analytics في التخصص | |
| Energy Management Control Strategy for Renewable Energy System Based on Spotted Hyena Optimizer | WOS - SecondAffiliation | Computers, Materials & Continua | Q2 لتصنيف WOS Analytics في التخصص | |
| A novel approach for PEM fuel cell parameter estimation using LSHADE-EpSin optimization algorithm | WOS - SecondAffiliation | International Journal of Energy Research | Q1 لتصنيف WOS Analytics في التخصص | |
| Estimating the optimal parameters of solid oxide fuel cell-based circuit using parasitism-predation algorithm | WOS - SecondAffiliation | International Journal of Energy research | Q1 لتصنيف WOS Analytics في التخصص | |
| Optimal Parameter Estimation Methodology of Solid Oxide Fuel Cell Using Modern Optimization | WOS - SecondAffiliation | Mathematics | Q1 لتصنيف WOS Analytics في التخصص | |
| Multicriteria Decision-Making to Determine the Optimal Energy Management Strategy of Hybrid PV–Diesel Battery-Based Desalination System | WOS - SecondAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص | |
| A Modified Triple-Diode Model Parameters Identification for Perovskite Solar Cells via Nature-Inspired Search Optimization Algorithms | WOS - SecondAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص | |
| Comparison among various energy management strategies for reducing hydrogen consumption in a hybrid fuel cell/supercapacitor/battery system | WOS - SecondAffiliation | International journal of hydrogen energy | Q2 لتصنيف WOS Analytics في التخصص | |
| A novel strategy based on salp swarm algorithm for extracting the maximum power of proton exchange membrane fuel cell | WOS - SecondAffiliation | International journal of hydrogen energy | Q2 لتصنيف WOS Analytics في التخصص | |

| | | | | | |
|----------------------------|---|------------------------|---|--|--------------------------------------|
| احمد محمد جاد على الشافعى | An iterative residual-based procedure for solving coupled elastoplastic damage problems | WOS - FirstAffiliation | Mechanics of Advanced Materials and Structures | مرفوض | in press |
| احمد محمد حلمى محمد الصادق | Efficient and Sustainable Reconfiguration of Distribution Networks via Metaheuristic Optimization | WOS - FirstAffiliation | IEEE Transactions on Automation Science and Engineering | مرفوض | 2022 |
| | Optimal reconfiguration for vulnerable radial smart grids under uncertain operating conditions | WOS - FirstAffiliation | Computers & Electrical Engineering | Q2 لتصنيف WOS Analytics في First Affiliation | |
| | A Novel Hybrid Gradient-Based Optimizer and Grey Wolf Optimizer Feature Selection Method for Human Activity Recognition Using Smartphone Sensors | WOS - FirstAffiliation | Entropy | مرفوض | تم التقدم بنفس البحث من قبل باحث آخر |
| احمد محمد عثمان عبدالمقصود | Optimal dynamic operation and modeling of parallel connected multi-stacks fuel cells with improved slime mould algorithm | WOS - FirstAffiliation | Renewable Energy | Q1 لتصنيف WOS Analytics في First Affiliation | |
| | Synergy of adaptive super-twisting method (ASTM) and game-theory algorithm (GTA) for dynamic stability improvement of interconnected grids | WOS - FirstAffiliation | Electric Power Systems Research | Q2 لتصنيف WOS Analytics في First Affiliation | |
| | Numerical Investigation for Riverbank Filtration Sustainability Considering Climatic Changes in Arid and Semi-Arid Regions; Case Study of RBF Site at Embaba, Nile Delta, Egypt | WOS - FirstAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في First Affiliation | |

اسماعيل عبد العاطي محمد اسماعيل

| | | | | |
|---|-----------------------------------|---|---|------|
| Assessing the Impact of Lining Polluted Streams on Groundwater Quality: A Case Study of the Eastern Nile Delta Aquifer, Egypt | WOS - FirstAffiliation | Water | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Effects of groundwater abstraction and desalination brine deep injection on a coastal aquifer | WOS - FirstAffiliation | Science of the Total Environment | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Investigating and Managing the Impact of Using Untreated Wastewater for Irrigation on the Groundwater Quality in Arid and Semi-Arid Regions | WOS - FirstAffiliation | International Journal of Environmental Research and Public Health | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Sustainable saltwater intrusion management in coastal aquifers under climatic changes for humid and hyper-arid regions | WOS - FirstAffiliation | Ecological Engineering | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Assessment of hydrological, geohydraulic and operational conditions at a riverbank filtration site at Embaba, Cairo using flow and transport modeling | WOS - FirstAffiliation | Journal of Hydrology: Regional Studies | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Environmental rethinking of wastewater drains to manage environmental pollution and alleviate water scarcity | WOS - FirstAffiliation | Natural hazards | مرفوض | 2022 |
| A Hybrid Particle Swarm Optimization and Bacterial Foraging for Optimal Power System Stabilizers Design | Citation Prize - FirstAffiliation | Int. J. Electrical Power and Energy Systems | الاستشهاد بالبحوث وفقاً WOS Analytics- Web of Science أكثر من 100 | |
| Implementation of flower pollination algorithm for solving economic load dispatch and combined economic emission dispatch problems in power systems | Citation Prize - FirstAffiliation | energy | الاستشهاد بالبحوث وفقاً WOS Analytics- Web of Science أكثر من 100 | |

ايهاب سالم على محمد سلامه

| | | | | |
|--|-----------------------------------|--|---|--|
| Flower Pollination Algorithm and Loss Sensitivity Factors for optimal sizing and placement of capacitors in radial distribution systems | Citation Prize - FirstAffiliation | Electrical Power and Energy Systems | الاستشهاد بالبحوث وفقاً WOS Analytics- Web of Science أكثر من 100 | |
| Optimal network restructure via improved whale optimization approach | Scoups - FirstAffiliation | International Journal of Communication Systems , . | Cite Score 51%-75% First or Second Affiliation | |
| Effects of composite patching on cyclic crack tip deformation of cracked pinned metallic joints | WOS - FirstAffiliation | The Journal of Adhesion | WOS Analytics لتصنيف Q2 في First Affiliation التخصص | |
| Intrinsic fracture toughness of fiber reinforced and functionally graded concretes: An innovative approach | WOS - FirstAffiliation | Engineering Fracture Mechanics | WOS Analytics لتصنيف Q1 في First Affiliation التخصص | |
| Flexural behavior of functionally graded concrete beams with different patterns | WOS - FirstAffiliation | Archives of Civil and Mechanical Engineering | WOS Analytics لتصنيف Q1 في First Affiliation التخصص | |
| An Assessment of ASTM E1922 for Measuring the Translaminar Fracture Toughness of Laminated Polymer Matrix Composite Materials | WOS - FirstAffiliation | Polymers | WOS Analytics لتصنيف Q1 في First Affiliation التخصص | |
| Experimental gamma-ray attenuation and theoretical optimization of barite concrete mixtures with nanomaterials against neutrons and gamma rays | WOS - FirstAffiliation | Construction and Building Materials | 5% (Top 5%) WOS Analytics First Affiliation | |
| Investigation on integrity assessment tests of WRB metal-polymer-metal composites | WOS - FirstAffiliation | Archives of Civil and Mechanical Engineering | WOS Analytics لتصنيف Q1 في First Affiliation التخصص | |
| Experimental and numerical determination of critical osmotic blister size affecting the strength of aged FRP seawater pipe | WOS - FirstAffiliation | Polymers and Polymer Composites | WOS Analytics لتصنيف Q2 في First Affiliation التخصص | |
| Long-term behavior of normal weight concrete containing hybrid nanoparticles subjected to gamma radiation | WOS - FirstAffiliation | Archives of Civil and Mechanical Engineering | WOS Analytics لتصنيف Q1 في First Affiliation التخصص | |

| | | | | | |
|----------------------------|--|---------------------------|--|---|------|
| | The Most Effective Index for Pavement Management of Urban Major Roads at a Network Level | Scopus - FirstAffiliation | Arabian Journal for Science and Engineering | Cite Score 76% First Affiliation | |
| خالد فوزى خليل حسانين | Effect of steel fiber on the shear behavior of reinforced recycled aggregate concrete beams | Scopus - FirstAffiliation | Structural Concrete | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| داليا سعد الدين السيد احمد | Prediction of biogas production from anaerobic Co-digestion of Waste Activated sludge and wheat straw using two-dimensional mathematical models and an artificial neural network | WOS - FirstAffiliation | Renewable Energy | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| رائف صيام سيد احمد | Assessment of Model Predictive Voltage Control for Autonomous Four-Leg Inverter | WOS - FirstAffiliation | IEEE Access | مرفوض | 2020 |
| | Model predictive control algorithm for fault ride-through of stand-alone microgrid inverter | WOS - FirstAffiliation | International Journal of Electrical Power & Energy Systems | مرفوض | 2022 |
| | Optimal design and analysis of DC-DC converter with maximum power controller for stand-alone PV system | WOS - FirstAffiliation | Energy Reports | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Parameters identification and optimization of photovoltaic panels under real conditions using Lambert W-function | WOS - FirstAffiliation | Energy Reports | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| راى السيد عبدالحميد عامر | Prediction of the Impact of Nozzle Geometry on Spray Characteristics | WOS - FirstAffiliation | ACS Omega | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Numerical Simulation and Experimental Study for the Impact of In-Flow Nozzle on Spray Characteristics | WOS - FirstAffiliation | ACS Omega | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Experimental optimization of the cycle time and switching time of a metal organic framework adsorption desalination cycle | WOS - FirstAffiliation | Energy Conversion and Management | 5% (Top 5%) WOS Analytics First Affiliation | |

| | | | | |
|---|--|--|---|--|
| Experimental optimization of the cycle time and switching time of a metal organic framework adsorption desalination cycle | international collaboration - FirstAffiliation | Energy Conversion and Management | مرفوض | international collaboration award not achieved |
| Metal-organic frameworks in cooling and water desalination: Synthesis and application | international collaboration - FirstAffiliation | Renewable and sustainable energy reviews | مرفوض | international collaboration award not achieved |
| Metal-organic frameworks in cooling and water desalination: Synthesis and application | WOS - FirstAffiliation | Renewable and sustainable energy reviews | 5% (Top 5%) WOS Analytics First Affiliation | |
| Pore-size engineered nanoporous silica for efficient adsorption cooling and desalination cycle | Nature_Science - FirstAffiliation | npj Clean Water | 5% (Top 5%) WOS Analytics First Affiliation | |
| Pore-size engineered nanoporous silica for efficient adsorption cooling and desalination cycle | international collaboration - FirstAffiliation | npj Clean Water | مرفوض | international collaboration award not achieved |
| Removal of heavy metal ions from wastewater: A comprehensive and critical review | international collaboration - FirstAffiliation | Clean Water | مرفوض | international collaboration award not achieved |
| Removal of heavy metal ions from wastewater: A comprehensive and critical review | Nature_Science - FirstAffiliation | Clean Water | 5% (Top 5%) WOS Analytics First Affiliation | |
| Solar-powered ejector-based adsorption desalination system integrated with a humidification-dehumidification system | WOS - FirstAffiliation | Energy Conversion and Management | 5% (Top 5%) WOS Analytics First Affiliation | |
| Solar-powered ejector-based adsorption desalination system integrated with a humidification-dehumidification system | international collaboration - FirstAffiliation | Energy Conversion and Management | مرفوض | international collaboration award not achieved |
| Performance enhancement of adsorption cooling cycle by pyrolysis of Maxsorb III activated carbon with ammonium carbonate | international collaboration - FirstAffiliation | International Journal of Refrigeration | مرفوض | international collaboration award not achieved |

| | | | | |
|---|--|--|---|--|
| Performance enhancement of adsorption cooling cycle by pyrolysis of Maxsorb III activated carbon with ammonium carbonate | WOS - FirstAffiliation | International Journal of Refrigeration | Q2 لتصنيف WOS Analytics في التخصص | |
| Exergoeconomic and multi-objective optimization analyses of an organic Rankine cycle integrated with multi-effect desalination for electricity, cooling, heating power, and ... | WOS - FirstAffiliation | Energy Conversion and Management | 5% (Top 5%) WOS Analytics First Affiliation | |
| Exergoeconomic and multi-objective optimization analyses of an organic Rankine cycle integrated with multi-effect desalination for electricity, cooling, heating power, and ... | international collaboration - FirstAffiliation | Energy Conversion and Management | مرفوض | international collaboration award not achieved |
| A daily freshwater production of 50 m3/ton of silica gel using an adsorption-ejector combination powered by low-grade heat | international collaboration - FirstAffiliation | Journal of Cleaner Production | مرفوض | international collaboration award not achieved |
| A daily freshwater production of 50 m3/ton of silica gel using an adsorption-ejector combination powered by low-grade heat | WOS - FirstAffiliation | Journal of Cleaner Production | Q1 لتصنيف WOS Analytics في التخصص | |
| Analysis of inlet configurations on the microclimate conditions of a novel standalone agricultural greenhouse for Egypt using computational fluid dynamics | international collaboration - FirstAffiliation | Sustainability | مرفوض | international collaboration award not achieved |
| Analysis of inlet configurations on the microclimate conditions of a novel standalone agricultural greenhouse for Egypt using computational fluid dynamics | WOS - FirstAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص | |

| | | | | | |
|-------------------------------------|--|-------------------------|--|---|----------------|
| رياب محمد وجدى عبدالحميد | Phragmites australis (Reed) as an Efficient, Eco-Friendly Adsorbent for Brackish Water Pre-Treatment in Reverse Osmosis: A Kinetic Study | WOS - SecondAffiliation | Molecules | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| رشا ابراهيم صالح محمد | Plasma-waves evolution and propagation modeled by sixth order Ramani and coupled Ramani equations using symmetry methods | WOS - FirstAffiliation | PHYSICA SCRIPTA | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| سامح ابراهيم سليم عبدالله عبدالكريم | Artificial electric field algorithm to extract nine parameters of triple-diode photovoltaic model | WOS - FirstAffiliation | International Journal of Energy Research | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Equilibrium optimizer for parameter extraction of a fuel cell dynamic model | WOS - FirstAffiliation | Renewable Energy | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| سعود عبدالحميد السيد حمد | Experimental and numerical modelling of solid and hollow biomass pellets high-temperature rapid oxy-steam combustion: The effect of integrated CO2/H2O concentration | WOS - FirstAffiliation | Fuel | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Kinetics, thermodynamics, and combustion characteristics of Poinciana pods using TG/DTG/DTA techniques | WOS - FirstAffiliation | Biomass Conversion and Biorefinery | مرفوض | early access |
| | Mechanical Characteristics and Energy Consumption of Solid and Hollow Biomass Pellet Production Using a Statistical Analysis of Operating Parameters | WOS - FirstAffiliation | Waste and Biomass Valorization | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Optimization and statistical analysis of the effect of main operation conditions on the physical characteristics of solid and hollow cylindrical pellets | WOS - FirstAffiliation | Biomass Conversion and Biorefinery | مرفوض | early access |
| | Thermal explosion characteristics of a combustible gas containing fuel droplets | WOS - FirstAffiliation | International Journal of Spray and Combustion Dynamics | Cite Score 76% First Affiliation | Cite Score 76% |

| | | | | | |
|-----------------------------|--|---------------------------|---|--|--------------|
| | Thermal explosion of a reactive gas mixture at constant pressure for non-uniform and uniform temperature systems | WOS - FirstAffiliation | Defence Technology | مرفوض | early access |
| سلوى امين محمد ابراهيم | A novel differential-integral quadrature method for the solution of nonlinear integro-differential equations | WOS - FirstAffiliation | Mathematical Methods in the Applied Sciences | WOS Analytics لتصنيف Q1 في First Affiliation | |
| سليم صالح السيد احمد داود | Strength and Mass Loss Evaluation of HSC with Silica Fume and Nano-Silica Exposed to Elevated Temperatures | Scopus - FirstAffiliation | Arabian Journal for Science and Engineering | مرفوض | 2022 |
| سماح محمد مبروك محمد | Lie symmetry analysis of a stochastic gene evolution in double-chain deoxyribonucleic acid system | WOS - FirstAffiliation | Waves in Random and Complex Media | مرفوض | in press |
| | The nonlocal potential transformation method and solitary wave solutions for higher dimensions in shallow water waves | WOS - FirstAffiliation | Waves in Random and Complex Media | مرفوض | in press |
| | Unsteady three-dimensional laminar flow over a submerged plate in electrically conducting fluid with applied magnetic field | WOS - FirstAffiliation | Waves in Random and Complex Media | مرفوض | in press |
| سمير عبدالرحمن محمد امام | Vibration suppression and optimization of conserved-mass metamaterial beam | WOS - FirstAffiliation | International Journal of Non-Linear Mechanics | مرفوض | 2020 |
| | Vibration suppression of nonlinear rotating metamaterial beams | WOS - FirstAffiliation | Nonlinear Dynamics | مرفوض | 2020 |
| | Buckling and postbuckling of extensible, shear-deformable beams: Some exact solutions and new insights | WOS - FirstAffiliation | International Journal of Non-Linear Mechanics | WOS Analytics لتصنيف Q2 في First Affiliation | |
| شيماء ابراهيم على مصطفى جاد | A random microstructure-based model to study the effect of the shape of reinforcement particles on the damage of elastoplastic particulate metal matrix composites | WOS - FirstAffiliation | Ceramics International | WOS Analytics لتصنيف Q1 في First Affiliation | |

| | | | | | |
|------------------------------|---|---|-------------------------------|-----------------------------------|------|
| | Predictive Computational Model for Damage Behavior of Metal-Matrix Composites Emphasizing the Effect of Particle Size and Volume Fraction | WOS - FirstAffiliation | Materials | Q1 لتصنيف WOS Analytics في التخصص | |
| صالح ابراهيم سعيد صالح | Performance evaluation of UFMC-based VLC systems using a modified SLM technique | WOS - SecondAffiliation | Opto-Electronics Review | Q2 لتصنيف WOS Analytics في التخصص | |
| | Performance analysis of DFT-S-OFDM waveform for Li-Fi systems | WOS - FirstAffiliation | Opto-Electronics Review | Q2 لتصنيف WOS Analytics في التخصص | |
| عبدالعظيم محمد عبدالحميد نجم | Impact of inclined double-cutoff walls under hydraulic structures on uplift forces, seepage discharge and exit hydraulic gradient | WOS - FirstAffiliation | Ain Shams Engineering Journal | مرفوض | 2022 |
| | An Extensive Study for a Wide Utilization of Green Architecture Parameters in Built Environment Based on Genetic Schemes | WOS - FirstAffiliation | Buildings | Q2 لتصنيف WOS Analytics في التخصص | |
| | Towards an Adaptation of Efficient Passive Design for Thermal Comfort Buildings | WOS - FirstAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص | |
| | Introduction to "Agro-Environmental Sustainability in MENA Regions" | Book - Chapter of book - FirstAffiliation | 12-Oct-21 | جائزة نشر باب في كتاب | |
| | Update, Conclusions, and Recommendations for "Agro-Environmental Sustainability in MENA Regions" | Book - Chapter of book - FirstAffiliation | 12-Oct-21 | جائزة نشر باب في كتاب | |
| | Groundwater Characterization and Quality Assessment in Nubian Sandstone Aquifer, Kharga Oasis, Egypt | Book - Chapter of book - FirstAffiliation | 24-Jul-21 | جائزة نشر باب في كتاب | |
| | Management of Water Resources in Poland | Book - Chapter of book - FirstAffiliation | 978-3-030-61965-7 | جائزة تحرير ونشر كتاب | |
| | Quality of Water Resources in Poland | Book - Chapter of book - FirstAffiliation | 978-3-030-64892-3 | جائزة تحرير ونشر كتاب | |
| | Environmental Remote Sensing and GIS in Tunisia | Book - Chapter of book - FirstAffiliation | 978-3-030-63668-5 | جائزة تحرير ونشر كتاب | |

| | | | | | |
|--------------------------------|---|-----------------------------------|---|---|---------------------|
| عبداللطيف محمد عبداللطيف الزين | New approach to breakdown equation in gases based on energy concept from inception stage to arc condition | WOS - FirstAffiliation | Vacuum | Q2 لتصنيف WOS Analytics في First Affiliation | |
| | Optimal allocation of multi-type distributed generators using backtracking search optimization algorithm | Citation Prize - FirstAffiliation | Electrical Power and Energy Systems | جائزة عدد الإشارات المرجعية في Scopus أكثر من 200 | |
| | Single and multi-objective optimal power flow using grey wolf optimizer and differential evolution algorithms | Citation Prize - FirstAffiliation | Electric Power Components and Systems | مرفوض | تم التقدم به من قبل |
| | Optimal capacitor allocations using evolutionary algorithms | Citation Prize - FirstAffiliation | IET Generation, Transmission & Distribution | جائزة عدد الإشارات المرجعية في Scopus أكثر من 100 | |
| | Capacitor allocations in radial distribution networks using cuckoo search algorithm | Citation Prize - FirstAffiliation | IET Generation, Transmission & Distribution | مرفوض | تم التقدم به من قبل |
| | Extracting optimal parameters of PEM fuel cells using Salp Swarm Optimizer | Citation Prize - FirstAffiliation | Renewable Energy | مرفوض | تم التقدم به من قبل |
| | Emended Heap-based optimizer for characterizing performance of industrial solar generating units using triple-diode model | WOS - FirstAffiliation | Energy | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Effective coordination settings for directional overcurrent relay using hybrid Gradient-based optimizer | WOS - FirstAffiliation | Applied soft computing | Q1 لتصنيف WOS Analytics في First Affiliation | |
| | Parameters identification of PV model using improved slime mould optimizer and Lambert W-function | WOS - FirstAffiliation | Energy Reports | Q1 لتصنيف WOS Analytics في First Affiliation | |
| | Artificial ecosystem optimizer for parameters identification of proton exchange membrane fuel cells model | WOS - FirstAffiliation | International Journal of Hydrogen Energy | Q2 لتصنيف WOS Analytics في First Affiliation | |

| | | | | |
|--|------------------------|---|---|--|
| Robust Design of Power System Stabilizers Using Improved Harris Hawk Optimizer for Interconnected Power System | WOS - FirstAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Precise modeling of PEM fuel cell using improved chaotic MayFly optimization algorithm | WOS - FirstAffiliation | International Journal of Energy Research | 5% (Top 5%) WOS Analytics First Affiliation | |
| Performance Assessment of Solar Generating Units Based on Coot Bird Metaheuristic Optimizer | WOS - FirstAffiliation | IEEE Access | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Investigating dynamic performances of fuel cells using pathfinder algorithm | WOS - FirstAffiliation | Energy Conversion and Management | 5% (Top 5%) WOS Analytics First Affiliation | |
| Jellyfish search algorithm for extracting unknown parameters of PEM fuel cell models: Steady-state performance and analysis | WOS - FirstAffiliation | Energy | 5% (Top 5%) WOS Analytics First Affiliation | |
| Cost Minimizations and Performance Enhancements of Power Systems Using Spherical Prune Differential Evolution Algorithm Including Modal Analysis | WOS - FirstAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Gorilla troops optimizer for electrically based single and double-diode models of solar photovoltaic systems | WOS - FirstAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Adaptive and efficient optimization model for optimal parameters of proton exchange membrane fuel cells: A comprehensive analysis | WOS - FirstAffiliation | Energy | 5% (Top 5%) WOS Analytics First Affiliation | |
| Adaptive virtual-inertia control and chicken swarm optimizer for frequency stability in power-grids penetrated by renewable energy sources | WOS - FirstAffiliation | Neural Computing and Applications | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| Free vibration of irregular plates via indirect differential quadrature and singular convolution techniques | WOS - FirstAffiliation | Engineering Analysis with Boundary Elements | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |

| | | | | | |
|--------------------------|---|------------------------|--|---|------|
| علا رجب عبده محمد | An accurate numerical approach for studying perovskite solar cells | WOS - FirstAffiliation | International Journal of Energy Research | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Sinc and discrete singular convolution for analysis of three-layer composite of perovskite solar cell | WOS - FirstAffiliation | International Journal of Energy Research | مرفوض | 2022 |
| علاء احمد عبدالرحمن محمد | Modeling and analysis of the transient response of viscoelastic solids | WOS - FirstAffiliation | WAVES IN RANDOM AND COMPLEX MEDIA | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Dynamics of perforated nanobeams subject to moving mass using the nonlocal strain gradient | WOS - FirstAffiliation | Applied Mathematical Modelling | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Vibration of multilayered functionally graded deep beams under thermal load | WOS - FirstAffiliation | Geomechanics and Engineering | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Vibration response of Timoshenko perforated microbeams under accelerating load and thermal environment, | WOS - FirstAffiliation | Applied Mathematics and Computiaon | 5% (Top 5%) WOS Analytics First Affiliation | |
| | On the Mechanical Behavior of Two Directional Symmetrical Functionally Graded Beams under Moving Load | WOS - FirstAffiliation | International Journal of Mechanics and Materials in Design | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Dynamic analysis of nanoscale Timoshenko CNTs based on doublet mechanics under moving load | WOS - FirstAffiliation | European Physical Journal Plus | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Dynamics of perforated higher order nanobeams subject to moving load using the nonlocal strain gradient theory, | WOS - FirstAffiliation | Smart Structures and Systems | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | On Vibration of Sigmoid/Symmetric Functionally Graded Nonlocal Strain Gradient Nanobeams under Moving Load | WOS - FirstAffiliation | International Journal of Mechanics and Materials in Design | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| | Vibration response of perforated thick beam under moving load | WOS - FirstAffiliation | The European Physical Journal | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |

| | | | | | |
|---------------------------------------|--|---|--|-----------------------------------|--------------------------------------|
| علاء الدين عبد القادر محمد عبد العزيز | Pre-damage effect on the residual behavior of externally post-tensioned fatigued steel-concrete composite beams | WOS - SecondAffiliation | Structures | Q2 لتصنيف WOS Analytics في التخصص | |
| | Quasi-static strength of bridge fingerplates under various design parameters | WOS - SecondAffiliation | Structures | Q2 لتصنيف WOS Analytics في التخصص | |
| | Behavior of RC beams strengthened with CFRP sheets under sustained loads | WOS - SecondAffiliation | Structures | مرفوض | not affiliated to zagazig University |
| | Numerical investigation of the monotonic behavior of strengthened Steel-Concrete composite girders | WOS - SecondAffiliation | Engineering Structures | Q1 لتصنيف WOS Analytics في التخصص | |
| عماد حمدي فتحي عبداللطيف الجوهري | Application of an artificial neural network for the improvement of agricultural drainage water quality using a submerged biofilter | WOS - FirstAffiliation | Environmental Science and Pollution Research | Q2 لتصنيف WOS Analytics في التخصص | |
| محمد ابراهيم الشرفاوى عطيه | Performance of steel slag aggregate in asphalt mixtures in a hot desert climate | WOS - FirstAffiliation | Case Studies in Construction Materials | Q2 لتصنيف WOS Analytics في التخصص | |
| محمد ابراهيم محمد عبدالعال | Wear and mechanical properties of Al chips and Al chips composites recycled by high-pressure torsion | WOS - SecondAffiliation | Journal of Materials Research and Technology | Q1 لتصنيف WOS Analytics في التخصص | |
| محمد السيد لطفى السيد ابو زيد | Energy Management System Optimization of Drug Store Electric Vehicles Charging Station Operation | WOS - SecondAffiliation | Sustainability | Q2 لتصنيف WOS Analytics في التخصص | |
| | Investigation of Home Energy Management with Advanced Direct Load Control and Optimal Scheduling of Controllable Loads | Scoups - SecondAffiliation | Energies | Cite Score 76% second Affiliation | |
| محمد السيد محمد على | Expeditious COVID-19 similarity measure tool based on consolidated SCA algorithm with mutation and opposition operators | WOS - FirstAffiliation | Applied Soft Computing Journal | Q1 لتصنيف WOS Analytics في التخصص | |
| | Two Layer Hybrid Scheme of IMO and PSO for Optimization of Local Aligner: COVID-19 as a Case Study | Book - Chapter of book - FirstAffiliation | 358 | جائزة نشر باب في كتاب | |

| | | | | | |
|-----------------------------|--|---|--|--|-------------|
| | Performance Optimization of PID Controller Based on Parameters Estimation Using Meta-Heuristic Techniques: A Comparative Study | Book - Chapter of book - FirstAffiliation | 967 | جائزة نشر باب في كتاب | |
| محمد امين عبدالفتاح ابراهيم | Artificial neural network for improving the estimation of weighted mean temperature in Egypt | WOS - FirstAffiliation | J. Appl. Geodesy 2021; aop | مرفوض | 2022 |
| | Optimization analysis for the performance of post-processing kinematic GNSS local multiple reference stations | WOS - FirstAffiliation | Arabian Journal of Geosciences | مرفوض | not indexed |
| محمد رضا على عليوه عماره | Concentric compressive behavior of hybrid concrete–Stainless Steel Double-Skin Tubular Columns incorporating High Performance Concretes | WOS - FirstAffiliation | Thin-Walled Structures | Q1 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Flexural response and load capacity of reinforced concrete beams strengthened with reinforced mortar layer | WOS - FirstAffiliation | Engineering Structures | Q1 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Experimental and theoretical study on the compressive strength of the high strength concrete incorporating steel fiber and metakaolin | WOS - FirstAffiliation | Structures | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Behavior of ECC columns confined using steel wire mesh under axial loading | WOS - FirstAffiliation | Journal of Building Engineering | Q1 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| محمد طلعت محمد مصطفى | A new approach for integrating wave energy to the grid by an efficient control system for maximum power based on different optimization techniques | WOS - FirstAffiliation | INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS | Q1 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Enhancing the photovoltaic system efficiency using porous metallic media integrated with phase change material | WOS - FirstAffiliation | ENERGY | 5% (Top 5%) WOS Analytics First Affiliation | |

| | | | | | |
|---------------------------------|---|---------------------------|--|--|--|
| | Integration of fuel cells into an off-grid hybrid system using wave and solar energy | WOS - FirstAffiliation | INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS | Q1 لتصنيف WOS Analytics في First Affiliation | |
| محمد عبدالحميد احمد برعى | Air change rate effects on the airborne diseases spreading in Underground Metro wagons | WOS - FirstAffiliation | Environmental Science and Pollution Research | Q2 لتصنيف WOS Analytics في Second Affiliation | |
| | An analytical model for the effective filtration efficiency of single and multiple face masks considering leakage | WOS - FirstAffiliation | Chaos, Solitons & Fractals | وفقا لتصنيف (Top1%) اعلى 1% WOS AnalyticsFirst Affiliation | |
| | Analytical solution for the quasi-two dimensional non-isothermal fully developed flow of molten salt in a circular pipe | WOS - FirstAffiliation | Physics of Fluids | Q1 لتصنيف WOS Analytics في First Affiliation | |
| | An energy-utilization metric for heat transfer devices | WOS - FirstAffiliation | Progress in Nuclear Energy | Q1 لتصنيف WOS Analytics في First Affiliation | |
| محمد عبدالحميد عبدالنعيم محمد | Effective damping of local low frequency oscillations in power systems integrated with bulk PV generation | Scopus - FirstAffiliation | Protection and Control of Modern Power Systems | Cite Score 76% First Affiliation | |
| | Model parameters extraction of solid oxide fuel cells based on semi-empirical and memory-based chameleon swarm algorithm | WOS - FirstAffiliation | International Journal of Energy Research | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Optimal techno-economic design of hybrid PV/wind system comprising battery energy storage: Case study for a remote area | WOS - FirstAffiliation | Energy Conversion and management | 5% (Top 5%) WOS Analytics First Affiliation | |
| محمد عبدالفتاح حسين عناني رفاعى | Maximum Power Point Tracking Using ANFIS for a Reconfigurable PV-Based Battery Charger Under Non-Uniform Operating Conditions | WOS - FirstAffiliation | IEEE Access | Q2 لتصنيف WOS Analytics في First Affiliation | |
| | Modeling and Evaluation of SC MPPT controllers for PVWPS Based on DC Motor | WOS - FirstAffiliation | Energy Reports | Q1 لتصنيف WOS Analytics في First Affiliation | |
| محمد عبدالفتاح محمد فرحات | Optimal Reliability Study of Grid-Connected PV Systems Using Evolutionary Computing Techniques | WOS - FirstAffiliation | IEEE Access | Q2 لتصنيف WOS Analytics في First Affiliation | |

| | | | | | |
|-----------------------------|--|-------------------------|------------------------------------|-----------------------------------|--------------------------------------|
| محمد عبدالله محمد محمد معوض | Time-dependent behavior of NSM strengthened RC beams under sustained loading | WOS - FirstAffiliation | Engineering Structures | Q1 لتصنيف WOS Analytics في التخصص | |
| محمد عبدالمنعم محمد الطاهر | Dynamic analysis of thick beams with functionally graded porous layers and viscoelastic support | WOS - SecondAffiliation | Journal of Vibration and Control | Q1 لتصنيف WOS Analytics في التخصص | |
| | Buckling Analysis of CNTRC Curved Sandwich Nanobeams in Thermal Environment | WOS - SecondAffiliation | applied sciences | Q2 لتصنيف WOS Analytics في التخصص | |
| | Dynamic response of nonlocal strain gradient FG nanobeam reinforced by carbon nanotubes under moving point load | WOS - SecondAffiliation | the european physical journal plus | Q1 لتصنيف WOS Analytics في التخصص | |
| | Free vibration of a cracked FG microbeam embedded in an elastic matrix and exposed to magnetic field in a thermal environment | WOS - SecondAffiliation | Composite Structures | Q2 لتصنيف WOS Analytics في التخصص | |
| | Damped forced vibration analysis of layered functionally graded thick beams with porosity | WOS - SecondAffiliation | Smart Structures and Systems | Q2 لتصنيف WOS Analytics في التخصص | |
| | A novel nonlocal strain gradient Quasi-3D bending analysis of sigmoid functionally graded sandwich nanoplates | WOS - SecondAffiliation | Composite Structures | Q2 لتصنيف WOS Analytics في التخصص | |
| | On static buckling of multilayered carbon nanotubes reinforced composite nanobeams supported on non-linear elastic foundations | WOS - SecondAffiliation | Steel and Composite Structures | Q1 لتصنيف WOS Analytics في التخصص | |
| | Forced vibration of a functionally graded porous beam resting on viscoelastic foundation | WOS - SecondAffiliation | Geomechanics and Engineering | Q2 لتصنيف WOS Analytics في التخصص | |
| | Free vibration of porous FG nonlocal modified couple nanobeams via a modified porosity model | WOS - SecondAffiliation | Advances in Nano Research | مرفوض | تم التقدم بنفس البحث من قبل باحث آخر |

| | | | | | |
|----------------------------|--|-------------------------|--|--|--------------------------------------|
| | Novel four-unknowns quasi 3D theory for bending, buckling and free vibration of functionally graded carbon nanotubes reinforced composite laminated nanoplates | WOS - SecondAffiliation | Advances in Nano Research | WOS Analytics لتصنيف Q1 في التخصص Second Affiliation | |
| محمد عدلى عطيه ابراهيم | Free vibration of porous FG nonlocal modified couple nanobeams via a modified porosity model | WOS - FirstAffiliation | Advances in nano research | مرفوض | تم التقدم بنفس البحث من قبل باحث آخر |
| محمد عطيه عبداللطيف احمد | Thermal design evaluation of ribbed/grooved tubes: An entropy and exergy approach | WOS - FirstAffiliation | International Communications in Heat and Mass Transfer | WOS Analytics لتصنيف Q1 في التخصص First Affiliation | |
| | Thermal performance augmentation of a semi-circular cylinder in crossflow using longitudinal fins | WOS - FirstAffiliation | International Communications in Heat and Mass Transfer | WOS Analytics لتصنيف Q1 في التخصص First Affiliation | |
| محمد على عبدالعزيز عيسى | A comparative study of the performance of a novel helical direct flow U-Tube evacuated tube collector | WOS - FirstAffiliation | Renewable Energy | WOS Analytics لتصنيف Q1 في التخصص First Affiliation | |
| | Experimental parametric passive solar desalination prototype analysis | WOS - FirstAffiliation | Journal of Cleaner Production | WOS Analytics لتصنيف Q1 في التخصص First Affiliation | |
| | Performance analysis for an inclined tubular still desalination integrated with evacuated tube collector | WOS - FirstAffiliation | Solar energy | WOS Analytics لتصنيف Q2 في التخصص First Affiliation | |
| محمد على السيد محمد عجوة | Existence and multiplicity of solutions in frictional contact mechanics. Part II: Analytical and numerical case study | WOS - FirstAffiliation | European Journal of Mechanics-A/Solids | WOS Analytics لتصنيف Q1 في التخصص First Affiliation | |
| | Existence and multiplicity of solutions in frictional contact mechanics. Part I: A simplified criterion | WOS - FirstAffiliation | European Journal of Mechanics-A/Solids | WOS Analytics لتصنيف Q1 في التخصص First Affiliation | |
| محمد لطفى السيد عبد الكريم | Utilization of waste heat from a commercial GT for freshwater production, cooling and additional power: Exergoeconomic analysis and optimization | WOS - FirstAffiliation | Desalination | 5% (Top 5%) WOS Analytics First Affiliation | |

| | | | | | |
|-----------------------------|---|---------------------------|--|--|------|
| محمود طلبه محمد طلبه نوار | Numerical damage evaluation of perforated steel columns subjected to blast loading | Scoups - FirstAffiliation | Defence Technology Journal | مرفوض | 2022 |
| | High Strain Rate Response of Laminated Glass Interlayer Materials | WOS - FirstAffiliation | Construction and Building Materials | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Full static resistance of castellated steel beams with hexagonal web openings for blast response predictions | WOS - FirstAffiliation | Engineering Structures Journal | Q1 لتصنيف WOS Analytics في التخصص | |
| | Assessment of Rotational Stiffness for Metallic Hinged Base Plates under Axial Loads and Moments | WOS - FirstAffiliation | Buildings | Q2 لتصنيف WOS Analytics في التخصص | |
| | Enhancing Static Resistance Efficiency of Steel Stud Wall Systems for Blast Design Using New Section Geometries | WOS - FirstAffiliation | Structures | Q2 لتصنيف WOS Analytics في التخصص | |
| محمود محمد شوقي احمد الخولي | Soft Computing Methods for Attaining the Protective Device Coordination Including Renewable Energies: Review and Prospective | WOS - FirstAffiliation | Archives of Computational Methods in Engineering | وفقا لتصنيف (Top1%) اعلى 1% WOS AnalyticsFirst Affiliation | |
| | Artificial ecosystem-based optimiser to electrically characterise PV generating systems under various operating conditions reinforced by experimental validations | WOS - FirstAffiliation | IET renewable power generation | Q1 لتصنيف WOS Analytics في التخصص | |
| مروة احمد عبدالباقي سلام | Abrasive Wear Performance of Jute-Glass-Carbon-Reinforced Composites: Effect of Stacking Sequence and Fibers Relative Amounts | WOS - FirstAffiliation | JOURNAL OF NATURAL FIBERS | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Mechanical Properties Evaluation of Sugarcane Bagasse-Glass/ Polyester Composites | WOS - FirstAffiliation | JOURNAL OF NATURAL FIBERS | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Advanced Fiber Metal Laminates Filled with Silicon Dioxide Nanoparticles with Enhanced Mechanical Properties | WOS - FirstAffiliation | Fibers and Polymers | Q1 لتصنيف WOS Analytics في التخصص | |

| | | | | | |
|--------------------------------------|--|-------------------------|--|---|--|
| | Understanding the Effect of Halloysite Nanotubes Addition Upon the Mechanical Properties of Glass Fiber Aluminum Laminate | WOS - FirstAffiliation | Fibers and Polymers | Q1 لتصنيف WOS Analytics في التخصص | |
| مروه نبيل امين عبدالله | Finite element analysis of multistory structures subjected to train-induced vibrations considering soil-structure interaction | WOS - FirstAffiliation | Case Studies in Construction Materials | Q2 لتصنيف WOS Analytics في التخصص | |
| منى ابوالوفا مجاهد ابوالوفا البسيوني | Synthesis Effect of Nanofillers on the Damage Resistance of GLARE | WOS - FirstAffiliation | Fibers and Polymers | Q1 لتصنيف WOS Analytics في التخصص | |
| | Development of Al–Mg–Si alloy performance by addition of grain refiner Al–5Ti–1B alloy | WOS - FirstAffiliation | SCIENCE PROGRESS | Q2 لتصنيف WOS Analytics في التخصص | |
| | The effect of incorporation of hybrid silica and cobalt ferrite nanofillers on the mechanical characteristics of glass fiber-reinforced polymeric composites | WOS - FirstAffiliation | polymer composites | Q2 لتصنيف WOS Analytics في التخصص | |
| | Mechanical Performance of glass/epoxy composites enhanced by micro- and nanosized aluminum particles | WOS - FirstAffiliation | journal of industrial textiles | Q1 لتصنيف WOS Analytics في التخصص | |
| | Study of Hybridization Effect of New Developed Rice Straw mat/ Glass Fiber Reinforced Polyester Composite | WOS - FirstAffiliation | JOURNAL OF NATURAL FIBERS | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Upgraded Mechanical Properties of Diluent Nano-filled Glass/Epoxy Composites Fabricated by Vacuum Assisted Resin Infusion | WOS - FirstAffiliation | Fibers and polymers | Q1 لتصنيف WOS Analytics في التخصص | |
| مي فؤاد احمد فؤاد | A Compact 28/38 GHz MIMO Circularly Polarized Antenna for 5 G Applications | WOS - SecondAffiliation | Journal of Infrared, Millimeter, and Terahertz Waves | Cite Score 76% First Affiliation | |
| | Behavior of Offshore Pile in Calcareous Sand—Case Study | WOS - FirstAffiliation | Journal of Marine Science and Engineering | Q2 لتصنيف WOS Analytics في التخصص | |

| | | | | | |
|--------------------------------|--|---------------------------|---|--|--|
| نادية مصطفى محمد مصطفى | Lateral response enhancement of a conventional offshore monopile using skirts of helical piles and pipe piles with stiffeners | Scoups - FirstAffiliation | Innovative Infrastructure Solutions | Cite Score 51%-75% First or Second Affiliation | |
| نهى سعيد الهادى محمد | An initial study about the effect of activated carbon nano-sheets from residual biomass of olive trees pellets on the properties of alkali-activated slag pastes | WOS - FirstAffiliation | Journal of Building Engineering | Q1 لتصنيف WOS Analytics في التخصص | |
| | Sustainable waste management of medical waste in African developing countries: A narrative review | WOS - FirstAffiliation | Waste Management & Research | Q2 لتصنيف WOS Analytics في التخصص | |
| نورهان علاء الدين محمد على حسن | Effective numerical technique applied for Burgers' equation of (1+1)-, (2+1)-dimensional, and coupled forms | WOS - FirstAffiliation | Mathematical Methods in the Applied Sciences | Q1 لتصنيف WOS Analytics في التخصص | |
| هانى فرحات عبدالحميد عطيه | Integrated Management of Surface Water and Groundwater to mitigate flood risks and water scarcity in Arid and Semi-Arid Regions | WOS - FirstAffiliation | Journal of flood risk management | Q1 لتصنيف WOS Analytics في التخصص | |
| | Reservoir management by reducing evaporation using Floating Photovoltaic System (FPVS), a case study of lake Nasser, Egypt | WOS - FirstAffiliation | Water | Q2 لتصنيف WOS Analytics في التخصص | |
| | Management of saltwater intrusion in coastal aquifers using different wells systems: a case study of the Nile Delta aquifer in Egypt | WOS - FirstAffiliation | Hydrogeology | Q2 لتصنيف WOS Analytics في التخصص | |
| | Analytical solution of saltwater intrusion in costal aquifers considering climate changes and different boundary conditions | WOS - FirstAffiliation | Water | Q2 لتصنيف WOS Analytics في التخصص | |
| | Improving the Hydraulic Effects Resulting from the Use of a Submerged Biofilter to Enhance Water Quality in Polluted Streams | WOS - FirstAffiliation | International Journal of Environmental Research and Public Health | Q1 لتصنيف WOS Analytics في التخصص | |

| | | | | | |
|------------------------------|--|------------------------|---|-----------------------------------|----------------|
| | Potential Climate Change Impacts on Water Resources in Egypt | WOS - FirstAffiliation | Water | Q2 لتصنيف WOS Analytics في التخصص | |
| | Environmental Impact Assessment and Hydraulic Modelling of Different Flood Protection Measures | WOS - FirstAffiliation | Water | Q2 لتصنيف WOS Analytics في التخصص | |
| | Identification of extreme weather events using meteorological and hydrological indicators in the Laborec river catchment, Slovakia | WOS - FirstAffiliation | Water | Q2 لتصنيف WOS Analytics في التخصص | |
| | Environmental risk assessment focused on water quality in the Laborec River watershed | WOS - FirstAffiliation | Ecohydrology & Hydrobiology | Q2 لتصنيف WOS Analytics في التخصص | |
| هشام محمد فوزى ابراهيم شعبان | Cyclic loading behavior on strengthened composite beams using external post-tensioning tendons (experimental study) | WOS - FirstAffiliation | Structures | Q2 لتصنيف WOS Analytics في التخصص | |
| | Effect of external post-tensioning on steel-concrete composite beams with partial connection | WOS - FirstAffiliation | Engineering Structures | Q1 لتصنيف WOS Analytics في التخصص | |
| | Fatigue loading characteristic for the composite steel-concrete beams | WOS - FirstAffiliation | frattura ed Integrita Strutturale | مرفوض | Cite Score 44% |
| | The Effects of Shear Stud Distribution on the Fatigue Behavior of Steel-Concrete Composite Beams | WOS - FirstAffiliation | Arabian Journal for Science and Engineering | مرفوض | 2020 |
| هناء السيد السيد عبدالمطلب | Static analysis of cutout microstructures incorporating the microstructure and surface effects | WOS - FirstAffiliation | Steel and Composite Structures | Q1 لتصنيف WOS Analytics في التخصص | |
| | Finite element based stress and vibration analysis of axially functionally graded rotating beams | WOS - FirstAffiliation | Structural Engineering and Mechanics | Q2 لتصنيف WOS Analytics في التخصص | |
| | Vibrations and stress analysis of rotating perforated beams by using finite elements method | WOS - FirstAffiliation | Steel and Composite Structures | Q1 لتصنيف WOS Analytics في التخصص | |

| | | | | |
|---|--|---|-------|--|
| Impacts of reactant flow nonuniformity on fuel cell performance and scaling-up: Comprehensive review, critical analysis and potential recommendations | international collaboration - FirstAffiliation | International journal of hydrogen energy | مرفوض | international collaboration award not achieved |
| The key issues of electric vehicle charging via hybrid power sources: Techno-economic viability, analysis, and recommendations | international collaboration - FirstAffiliation | Renewable and Sustainable Energy Reviews | مرفوض | international collaboration award not achieved |
| Optimal metaheuristic-based sliding mode control of VSC-HVDC transmission systems | international collaboration - FirstAffiliation | Mathematics and Computers in Simulation | مرفوض | international collaboration award not achieved |
| Health-aware frequency separation method for online energy management of fuel cell hybrid vehicle considering efficient urban utilization | international collaboration - FirstAffiliation | International Journal of Hydrogen Energy | مرفوض | international collaboration award not achieved |
| Near-Optimal PI Controllers of STATCOM for Efficient Hybrid Renewable Power System | international collaboration - FirstAffiliation | IEEE ACCESS | مرفوض | international collaboration award not achieved |
| Efficient and Sustainable Reconfiguration of Distribution Networks via Metaheuristic Optimization | international collaboration - FirstAffiliation | IEEE Transactions on Automation Science and Engineering | مرفوض | international collaboration award not achieved |
| Efficient experimental energy management operating for FC/battery/SC vehicles via hybrid Artificial Neural Networks-Passivity Based Control | international collaboration - FirstAffiliation | Renewable Energy | مرفوض | international collaboration award not achieved |

| | | | | |
|---|--|--|-----------------------------------|--|
| Hydrogen storage technologies for stationary and mobile applications: Review, analysis and perspectives | international collaboration - FirstAffiliation | Renewable and Sustainable Energy Reviews | مرفوض | international collaboration award not achieved |
| Prospective hydrogen-based microgrid systems for optimal leverage via metaheuristic approaches | international collaboration - FirstAffiliation | Applied Energy | مرفوض | international collaboration award not achieved |
| New system of heat recovery from parked vehicles: Experiments and analysis | international collaboration - FirstAffiliation | Case Studies in Thermal Engineering | مرفوض | international collaboration award not achieved |
| Dual-layer approach for systematic sizing and online energy management of fuel cell hybrid vehicles | international collaboration - FirstAffiliation | Applied Energy | مرفوض | international collaboration award not achieved |
| Water Cycle Algorithm Optimized Type II Fuzzy Controller for Load Frequency Control of a Multi-Area, Multi-Fuel System with Communication Time Delays | international collaboration - FirstAffiliation | Energies | مرفوض | international collaboration award not achieved |
| Health-aware frequency separation method for online energy management of fuel cell hybrid vehicle considering efficient urban utilization | WOS - FirstAffiliation | International Journal of Hydrogen Energy | Q2 لتصنيف WOS Analytics في التخصص | |
| Near-Optimal PI Controllers of STATCOM for Efficient Hybrid Renewable Power System | WOS - FirstAffiliation | IEEE ACCESS | Q2 لتصنيف WOS Analytics في التخصص | |
| Efficient metaheuristic utopia-based multi-objective solutions of optimal battery-mix storage for microgrids | WOS - FirstAffiliation | Journal of Cleaner Production | Q1 لتصنيف WOS Analytics في التخصص | |
| Efficient experimental energy management operating for FC/battery/SC vehicles via hybrid Artificial Neural Networks-Passivity Based Control | WOS - FirstAffiliation | Renewable Energy | Q1 لتصنيف WOS Analytics في التخصص | |
| Prospective hydrogen-based microgrid systems for optimal leverage via metaheuristic approaches | WOS - FirstAffiliation | Applied Energy | Q1 لتصنيف WOS Analytics في التخصص | |

| | | | | | |
|----------------------------|--|---------------------------|---|---|--------------------------------------|
| | New system of heat recovery from parked vehicles: Experiments and analysis | WOS - FirstAffiliation | Case Studies in Thermal Engineering | Q1 لتصنيف WOS Analytics في التخصص في Second Affiliation | |
| | Water Cycle Algorithm Optimized Type II Fuzzy Controller for Load Frequency Control of a Multi-Area, Multi-Fuel System with Communication Time Delays | Scoups - FirstAffiliation | Energies | Cite Score 76% First Affiliation | |
| | Dual-layer approach for systematic sizing and online energy management of fuel cell hybrid vehicles | WOS - FirstAffiliation | Applied Energy | Q1 لتصنيف WOS Analytics في التخصص في Second Affiliation | |
| | Robust approach based chimp optimization algorithm for minimizing power loss of electrical distribution networks via allocating distributed generators | WOS - FirstAffiliation | Sustainable Energy Technologies and Assessments | مرفوض | تم التقدم بنفس البحث من قبل باحث آخر |
| | The key issues of electric vehicle charging via hybrid power sources: Techno-economic viability, analysis, and recommendations | WOS - FirstAffiliation | Renewable and Sustainable Energy Reviews | Q1 لتصنيف WOS Analytics في التخصص في Second Affiliation | |
| | Impacts of reactant flow nonuniformity on fuel cell performance and scaling-up: Comprehensive review, critical analysis and potential recommendations | WOS - FirstAffiliation | International Journal of Hydrogen Energy | Q2 لتصنيف WOS Analytics في التخصص في First Affiliation | |
| | Optimal metaheuristic-based sliding mode control of VSC-HVDC transmission systems | WOS - FirstAffiliation | Mathematics and Computers in Simulation | Q1 لتصنيف WOS Analytics في التخصص في First Affiliation | |
| رياب احمد على احمد ابو شنب | Vibration characteristics of two-dimensional FGM nanobeams with couple stress and surface energy under general boundary conditions | WOS - FirstAffiliation | Aerospace Science and Technology | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Multi-objective optimization for lightweight design of bi-directional functionally graded beams for maximum frequency and buckling load | WOS - FirstAffiliation | Composite Structures | Q1 لتصنيف WOS Analytics في التخصص في First Affiliation | |

| | | | | | |
|---------------------------------------|--|------------------------|--|--|--------------|
| | On bending, buckling and free vibration analysis of 2D-FG tapered Timoshenko nanobeams based on modified couple stress and surface energy theories | WOS - FirstAffiliation | Waves in Random and Complex Media | مرفوض | early access |
| نظيرة محمد منصور موسى | Buckling and post-buckling behaviors of higher order carbon nanotubes using energy-equivalent model | WOS - FirstAffiliation | Engineering with Computers | 5% (Top 5%) WOS Analytics First Affiliation | |
| اسلام احمد سيف الاسلام عبد الباقي حسن | Hydrogen storage technologies for stationary and mobile applications: Review, analysis and perspectives | WOS - FirstAffiliation | Renewable and Sustainable Energy Reviews | 5% (Top 5%) WOS Analytics First Affiliation | |
| ولاء عبدالعظيم عبدالعزيز عبدالعال | Grain size affecting the deformation characteristics via micro-injection upsetting | WOS - FirstAffiliation | MATERIALS SCIENCE AND TECHNOLOGY | WOS Analytics لتصنيف Q2 في First Affiliation | |
| | Synthesis and Characterization of Hybrid Fiber-Reinforced Polymer by Adding Ceramic Nanoparticles for Aeronautical Structural Applications | WOS - FirstAffiliation | POLYMERS | WOS Analytics لتصنيف Q1 في First Affiliation | |
| محمد حمدي امام محمد صالح الفقي | Theoretical Study on the Flexural Behavior of Structural Elements Strengthened with External Pre-Stressing Methods | WOS - FirstAffiliation | Applied Sciences | مرفوض | 2022 |
| | Lie symmetry analysis and invariant solutions of 3D Euler equations for axisymmetric, incompressible, and inviscid flow in the cylindrical coordinates | WOS - FirstAffiliation | Advances in Difference Equations | 5% (Top 5%) WOS Analytics First Affiliation | |
| | Investigation of new solutions for an extended (2 + 1)-dimensional Calogero-Bogoyavlenskii-Schif equation | WOS - FirstAffiliation | Frontiers of Mathematics in China | WOS Analytics لتصنيف Q2 في First Affiliation | |

رحمة سادات موسى مسلم

| | | | | |
|--|-------------------------|---------------------------------|--|----------|
| Construction of Lump and optical solitons solutions for (3 + 1) model for the propagation of nonlinear dispersive waves in inhomogeneous media | WOS - FirstAffiliation | Optical and Quantum Electronics | Cite Score 51%-75% First or Second Affiliation | |
| Computational intelligence approach using Levenberg-Marquardt backpropagation neural networks to solve the fourth-order nonlinear system of Emden-Fowler model | WOS - FirstAffiliation | ENGINEERING WITH COMPUTERS | مرفوض | in press |
| Characteristics of melting heat transport of blood with time-dependent cross-nanofluid model using Keller-Box and BVP4C method | WOS - FirstAffiliation | Engineering with Computers | مرفوض | in press |
| Lie symmetry analysis, new group invariant for the (3 + 1)-dimensional and variable coefficients for liquids with gas bubbles models | WOS - FirstAffiliation | Chinese Journal of Physics | Q2 لتصنيف WOS Analytics في التخصص | |
| Optimal multi-objective sizing of a residential microgrid in Egypt with different ToU demand response percentages | WOS - SecondAffiliation | Sustainable Cities and Society | Q1 لتصنيف WOS Analytics في التخصص | |
| Bio-inspired composite laminate design with improved out-of-plane strength and ductility | WOS - FirstAffiliation | Composites Part A | Q1 لتصنيف WOS Analytics في التخصص | |
| Effect of lattice structure evolution and stacking fault energy on the properties of Cu-ZrO ₂ /GNP nanocomposites | WOS - FirstAffiliation | Ceramics International | Q1 لتصنيف WOS Analytics في التخصص | |
| Effect of lattice structure evolution on the thermal and mechanical properties of Cu-Al ₂ O ₃ /GNPs nanocomposites | WOS - FirstAffiliation | Ceramics International | Q1 لتصنيف WOS Analytics في التخصص | |
| Electroless-plating of Ag nanoparticles on Al ₂ O ₃ and graphene Nano sheets (GNs) for improved wettability and properties of Al-Al ₂ O ₃ / GNs nanocomposites | WOS - FirstAffiliation | Ceramics International | Q1 لتصنيف WOS Analytics في التخصص | |

احمد وجيهه عبدالله الهادي دعيس

| | | | | | |
|---------------------------|--|-------------------------|--|--|--|
| | On the evolution of energy dissipation in dispersed composite laminates under out-of-plane loading | WOS - FirstAffiliation | Composites Part B | وفقا لتصنيف (Top1%) اعلى 1% WOS AnalyticsFirst Affiliation | |
| | Microstructural, mechanical and wear behavior of electroless assisted silver coated Al2O3–Cu nanocomposites | WOS - FirstAffiliation | Materials Chemistry and Physics | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Nonlinear thermal vibration of pre/post buckled two dimensional FGM tapered microbeams based on a higher order shear deformation theory | WOS - FirstAffiliation | Steel and Composite Structures | Q1 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| السيد السيد يوسف القمحاوي | Soil Fabric and Transitional Behavior in Completely Decomposed Granite: An Example of Well-Graded Soil | WOS - FirstAffiliation | Journal of Marine Science and Engineering | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Numerical Canal Seepage Loss Evaluation for Different Lining and Crack Techniques in Arid and Semi-Arid Regions: A Case Study of the River Nile, Egypt | WOS - FirstAffiliation | water | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| ياسمين صبري محمود حجازي | Using space syntax and TOPSIS to evaluate the conservation of urban heritage sites for possible UNESCO listing the case study of the historic centre of Rosetta, Egypt | WOS - SecondAffiliation | Elsevier BV on behalf of Faculty of Engineering, Ain Shams University | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | Adaptive Reuse Decisions for Historic Buildings in Relation to Energy Efficiency and Thermal Comfort—Cairo Citadel, a Case Study from Egypt | WOS - FirstAffiliation | sustainability | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| | A Composite Index to Measure Smartness and Competitiveness of Heritage Tourism Destination and Historic Building | WOS - FirstAffiliation | sustainability | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |
| ساره خليل محمد ابراهيم | Study of Climate Change Detection in North-East Africa Using Machine Learning and Satellite Data | WOS - FirstAffiliation | IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing | Q2 لتصنيف WOS Analytics في التخصيص First Affiliation | |

| | | | | | |
|---|--|---|--|---|-----------------|
| صفاء جمال محمد عبد الكريم | Multiple Access in Cognitive Radio Networks: From Orthogonal and Non-Orthogonal to Rate-Splitting | WOS - FirstAffiliation | IEEE Access | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| طارق عبد الحميد محمود ابراهيم | Behavior of Nanofluid with Variable Brownian and Thermal Diffusion Coefficients Adjacent to a Moving Vertical Plate. | Scoups - FirstAffiliation | Journal of Applied and Computational Mechanics | Cite Score 51%-75% First or Second Affiliation | |
| محمد عبدالعظيم علي عفيفي الهابط | Thermal/hydraulic characteristics of a rectangular channel with inline/staggered perforated baffles | WOS - FirstAffiliation | International Communications in Heat and Mass Transfer | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| احمد سعدون محمد لطفي السيد | Determination of local gravimetric geoid model over Egypt using LSC and FFT estimation techniques based on different satellite- and ground-based datasets | Scoups - FirstAffiliation | Survey Review | مرفوض | 2022 |
| محمود حسين محمود عبدالسميع الخولي | Uncertainty and global sensitivity analysis of leveled cost of energy in wind power generation | WOS - FirstAffiliation | Energy Conversion and Management | 5% (Top 5%) WOS Analytics First Affiliation | |
| احمد عبدالرحمن مرسي جمعه شعير | Shielding Techniques of IPT System for Electric Vehicles' Stationary Charging | Book - Chapter of book - FirstAffiliation | 30 | مرفوض | not indexed |
| سميحه ابراهيم محمد جمال تهاى محمد سالم | A Framework for Managing Building Waste from the Restoration of Historic Cairo | Scoups - FirstAffiliation | Civil Engineering and Architecture | مرفوض | Cite Score 48% |
| عبدالمنعم عاصم عبدالمنعم عبدالغفار دراز | Slime mould algorithm constrained by the relay operating time for optimal coordination of directional overcurrent relays using multiple standardized tripping curves | WOS - FirstAffiliation | Neural Computing and Applications | Q1 لتصنيف WOS Analytics في التخصص First Affiliation | |
| احمد سمير عبدالله عيسى | Improving The Flexural Toughness Behavior Of R.C Beams Using Micro/Nano Silica And Steel Fibers | WOS - FirstAffiliation | Advances in Concrete Construction | Q2 لتصنيف WOS Analytics في التخصص First Affiliation | |
| ديانا فتحي محمود علام | Cosmogenic Pattern Language: Toward an Architectural Language Based on the Cosmogenic Patterns of Pre-Modernism | WOS - FirstAffiliation | Nexus Network Journal | مرفوض | التقدم ورقي فقط |