

بحوث جامعة وارث الأنبياء المنشورة في مستوعبات سكوباس لسنة 2022

no	Title	Year	Source title	DOI
1	Thermal analysis of horizontal earth-air heat exchangers in a subtropical climate: An experimental study	2022	Frontiers in Built Environment	10.3389/fbuil.2022.981946
2	Morphology and Vibrational Modes of Lanthanum Oxide (La ₂ O ₃) Nanoparticles Prepared with Reflux Routes at Different Reaction Times	2022	Chemistry Africa	10.1007/s42250-022-00448-8
3	Study of Natural Convection Inside Inclined Nanofluid Cavity with Hot Inner Bodies (Circular and Ellipse Cylinders)	2022	International Journal of Heat and Technology	10.18280/ijht.400306
4	Hemispherical solar still: Recent advances and development	2022	Energy Reports	10.1016/j.egy.2022.06.037
5	Production of large surface area activated carbon from a mixture of carrot juice pulp and pomegranate peel using microwave radiation-assisted ZnCl ₂ activation: An optimized removal process and tailored adsorption mechanism of crystal violet dye	2022	Diamond and Related Materials	10.1016/j.diamond.2022.109456
6	Pyramidal Solar Stills via Hollow Cylindrical Perforated Fins, Inclined Rectangular Perforated Fins, and Nanocomposites: An Experimental Investigation	2022	Sustainability (Switzerland)	10.3390/su142114116
7	Exploiting the Generative Adversarial Network Approach to Create a Synthetic Topography Corneal Image	2022	Biomolecules	10.3390/biom12121888
8	Numerical Simulation of Piano Key Weir Type-B	2022	AIP Conference Proceedings	10.1063/5.0107878
9	SYNTHESIS of GO-PEDOT:PSS NANOCOMPOSITES and STUDY of THEIR ELECTRICAL PROPERTIES for NO ₂ GAS SENSOR APPLICATION	2022	Surface Review and Letters	10.1142/S0218625X2250144X
10	The histological effect of activated Aloe Vera extract by microwave plasma on wound healing	2022	Chemical Physics Letters	10.1016/j.cplett.2022.140112
11	Investigation Ability of Single Walled Carbon Nanotubes to Detection Toxic Gases Utilizing DFT Calculations	2022	Egyptian Journal of Chemistry	10.21608/EJCHEM.2021.87777.4232
12	The energy and exergy analysis of a combined parabolic solar dish – steam power plant	2022	Renewable Energy Focus	10.1016/j.ref.2022.01.003
13	Parameters Affecting the Efficiency of Solar Stills—Recent Review	2022	Sustainability (Switzerland)	10.3390/su141710668
14	Thermal analysis of heat storage unit equipped with fins employing Galerkin approach	2022	Journal of Energy Storage	10.1016/j.est.2022.104803
15	High-Surface-Area-Activated Carbon Derived from Mango Peels and Seeds Wastes via Microwave-Induced ZnCl ₂ Activation for Adsorption of Methylene Blue Dye Molecules: Statistical Optimization and Mechanism	2022	Molecules	10.3390/molecules27206947
16	Fire Simulation of RC Slab Inclusion with Nano-silica and High Volume Fly Ash	2022	AIP Conference Proceedings	10.1063/5.0109533
17	A novel link-based Multi-objective Grey Wolf Optimizer for Appliances Energy Scheduling Problem	2022	Cluster Computing	10.1007/s10586-022-03675-3
18	The relationship between brain computed tomography scan findings and prognosis in patients with missile-penetrating head injuries	2022	Medical Journal of Babylon	10.4103/MJBL.MJBL_184_22
19	Review of Heat Transfer Analysis in Different Cavity Geometries with and without Nanofluids	2022	Nanomaterials	10.3390/nano12142481
20	DYNAMIC BEHAVIOUR OF CRUSHED ROCK AND WASTE GLASS MIXTURES: EVALUATION OF LAYERED TECHNIQUES	2022	Journal of GeoEngineering	10.6310/jog.202209_17(3).2
21	Effect of switched-capacitor on super-lift Luo converter	2022	Bulletin of Electrical Engineering and Informatics	10.11591/eei.v11i6.3604
22	Comprehensive Review on Solar Stills—Latest Developments and Overview	2022	Sustainability (Switzerland)	10.3390/su141610136
23	Recent Trends in the Preparation of Nano-Starch Particles	2022	Molecules	10.3390/molecules27175497
24	Dynamic Clip Limit Window Size Histogram Equalization for Poor Information Images	2022	International Journal of Intelligent Engineering and Systems	10.22266/ijies2022.1031.06
25	Review of solidification of phase change materials dispersed with nanoparticles in different containers	2022	Journal of Energy Storage	10.1016/j.est.2022.104271
26	Insight into Dynamic of Mono and Hybrid Nanofluids Subject to Binary Chemical Reaction, Activation Energy, and Magnetic Field through the Porous Surfaces	2022	Mathematics	10.3390/math10163013
27	Heat storage modeling for air ventilation usage considering freezing of paraffin through a sinusoidal duct	2022	Journal of Energy Storage	10.1016/j.est.2022.105296
28	The Influence of Nanoclay and Powdered Ceramic on the Mechanical Properties of Mortar	2022	Civil Engineering Journal (Iran)	10.28991/CEJ-2022-08-07-08

29	Numerical investigation on nanofluid flow between two inclined stretchable walls by Optimal Homotopy Analysis Method	2022	Journal of Computational Science	10.1016/j.jocs.2022.101759
30	Mesoporous activated carbon from mangosteen (<i>Garcinia mangostana</i>) peels by H3PO4 assisted microwave: Optimization, characterization, and adsorption mechanism for methylene blue dye removal	2022	Diamond and Related Materials	10.1016/j.diamond.2022.109389
31	Bio-Inspired Dynamic Trust and Congestion-Aware Zone-Based Secured Internet of Drone Things (SIOdT)	2022	Drones	10.3390/drones6110337
32	Chemical Composition, Antifungal and Anti-Biofilm Activities of Volatile Fractions of <i>Convolvulus althaeoides</i> L. Roots from Tunisia	2022	Molecules	10.3390/molecules27206834
33	A review of the biological treatment of leachate: Available technologies and future requirements for the circular economy implementation	2022	Biochemical Engineering Journal	10.1016/j.bej.2022.108605
34	Evaluation of Melting Mechanism and Natural Convection Effect in a Triplex Tube Heat Storage System with a Novel Fin Arrangement	2022	Sustainability (Switzerland)	10.3390/su141710982
35	Psychometric Evaluation of Cloze Tests with the Rasch Model	2022	International Journal of Language Testing	10.22034/IJLT.2022.157127
36	Efficient Heat Transfer Augmentation in Channels with Semicircle Ribs and Hybrid Al2O3-Cu/Water Nanofluids	2022	Nanomaterials	10.3390/nano12152720
37	Nutritional Quality and Safety Characteristics of Imported Biscuits Marketed in Basrah, Iraq	2022	Applied Sciences (Switzerland)	10.3390/app12189065
38	Projections of precipitation and temperature in Southern Iraq using a LARS-WG Stochastic weather generator	2022	Physics and Chemistry of the Earth	10.1016/j.pce.2022.103224
39	Morphology of Hybrid MHD Nanofluid Flow through Orthogonal Coaxial Porous Disks	2022	Mathematics	10.3390/math10183280
40	A Numerical Simulation to Select the Optimal Thermal Agents for Building Parts	2022	Mathematical Modelling of Engineering Problems	10.18280/mmep.090530
41	Evaluation of T-Shaped Fins With a Novel Layout for Improved Melting in a Triple-Tube Heat Storage System	2022	Frontiers in Energy Research	10.3389/fenrg.2022.947391
42	Carcinogenic Heavy Metals Detection Based on ZnO Nanoribbons	2022	IEEE Sensors Journal	10.1109/JSEN.2022.3192928
43	Synthesis and Characterization of PVA-Fe2O3-CuO Hybrid Structure for Biomedical Application	2022	International Journal of Nanoscience	10.1142/S0219581X22500302
44	Delay Optimal Schemes for Internet of Things Applications in Heterogeneous Edge Cloud Computing Networks	2022	Sensors	10.3390/s22165937
45	Botnet Detection Employing a Dilated Convolutional Autoencoder Classifier with the Aid of Hybrid Shark and Bear Smell Optimization Algorithm-Based Feature Selection in FANETS	2022	Big Data and Cognitive Computing	10.3390/bdcc6040112
46	A Sustainable Cold Mix Asphalt Mixture Comprising Paper Sludge Ash and Cement Kiln Dust	2022	Sustainability (Switzerland)	10.3390/su141610253
47	Ranked-based mechanism-assisted Biogeography optimization: Application of global optimization problems	2022	Advances in Engineering Software	10.1016/j.advengsoft.2022.103301
48	A Comparative Review of Hot and Warm Mix Asphalt Technologies from Environmental and Economic Perspectives: Towards a Sustainable Asphalt Pavement	2022	International Journal of Environmental Research and Public Health	10.3390/ijerph192214863
49	Floating solar stills and floating solar-driven membranes: Recent advances and overview of designs, performance and modern combinations	2022	Solar Energy	10.1016/j.solener.2022.10.044
50	Evaluation of Smart Metering Network and Billing System using Bluetooth, Zigbee, and GSM	2022	AIP Conference Proceedings	10.1063/5.0104121
51	An enhanced mechanism for detection of Domain Name System-based distributed reflection denial of service attacks depending on modified metaheuristic algorithms and adaptive thresholding techniques	2022	IET Networks	10.1049/ntw2.12043
52	Resilient Modulus and Permanent Deformation Responses of Tire Rubber-Cement Stabilize Soft Clay	2022	AIP Conference Proceedings	10.1063/5.0107733
53	Tendencies Affecting the Growth and Cultivation of Genus <i>Spirulina</i> : An Investigative Review on Current Trends	2022	Plants	10.3390/plants11223063
54	Modeling for converting liquid NEPCM to solid phase with involving nano-powders	2022	Case Studies in Thermal Engineering	10.1016/j.csite.2022.102462
55	Introduction of cadmium chloride additive to improve the performance and stability of perovskite solar cells	2022	RSC Advances	10.1039/d2ra03776a
56	Phytochemical Composition and In Vitro Antioxidant, Anti-Inflammatory, Anticancer, and Enzyme-Inhibitory Activities of <i>Artemisia nilagirica</i> (C.B. Clarke) Pamp	2022	Molecules	10.3390/molecules27207119
57	Hesitancy and acceptance of COVID-19 vaccines among Iraqi medical students: A cross-sectional study	2022	Journal of Emergency Medicine, Trauma and Acute Care	10.5339/jemtac.2022.aimco.10
58	Lack of Habituation in Migraine Patients Based on High-Density EEG Analysis Using the Steady State of Visual Evoked Potential	2022	Entropy	10.3390/e24111688

59	Screening and Molecular Identification of Lactic Acid Bacteria Producing β -Glucan in Boza and Cider	2022	Fermentation	10.3390/fermentation8080350
60	A numerical investigation of the increase in heat transfer in a half-cylindrical container filled with phase change copper rods	2022	Case Studies in Thermal Engineering	10.1016/j.csite.2022.102512
61	A Comprehensive Review for Removal of Non-Steroidal Anti-Inflammatory Drugs Attained from Wastewater Observations Using Carbon-Based Anodic Oxidation Process	2022	Toxics	10.3390/toxics10100598
62	Robust Automatic Modulation Classification Using Convolutional Deep Neural Network Based on Scalogram Information	2022	Computers	10.3390/computers11110162
63	Recent Advances in Plant-Mediated Zinc Oxide Nanoparticles with Their Significant Biomedical Properties	2022	Bioengineering	10.3390/bioengineering9100541
64	Experimental Evaluation of the Thermoelectrical Performance of Photovoltaic-Thermal Systems with a Water-Cooled Heat Sink	2022	Sustainability (Switzerland)	10.3390/su141610231
65	CFD analysis on optimizing the annular fin parameters toward an improved storage response in a triple-tube containment system	2022	Energy Science and Engineering	10.1002/ese3.1310
66	Thermal storage unit with NEPCM involving numerical unsteady simulation	2022	Case Studies in Thermal Engineering	10.1016/j.csite.2022.102100
67	Recent Breakthroughs and Improvements in Phase Change Material Melting in a Triple- Tube Thermal Storage Unit	2022	Revue des Composites et des Materiaux Avances	10.18280/rcma.320605
68	Minimizing Misalignment Effects in Finite Length Journal Bearings	2022	Designs	10.3390/designs6050085
69	Properties of Modified Warm-Mix Asphalt Mixtures Containing Different Percentages of Reclaimed Asphalt Pavement	2022	Energies	10.3390/en15207813
70	Trends and Technological Advancements in the Possible Food Applications of Spirulina and Their Health Benefits: A Review	2022	Molecules	10.3390/molecules27175584
71	Application of the Coupled Simulation–optimization Method for the Optimum Cut-off Design Under a Hydraulic Structure	2022	Water Resources Management	10.1007/s11269-022-03269-z
72	Insight into the Role of Nanoparticles Shape Factors and Diameter on the Dynamics of Rotating Water-Based Fluid	2022	Nanomaterials	10.3390/nano12162801
73	A Hybrid Artificial Intelligence Model for Detecting Keratoconus	2022	Applied Sciences (Switzerland)	10.3390/app122412979
74	Nanofluids: properties and applications	2022	Journal of Sol-Gel Science and Technology	10.1007/s10971-022-05859-0
75	Boosted visible-light-driven photocatalytic degradation of lomefloxacin over α -Ag ₂ WO ₄ /NiS _x nanocomposites	2022	Environmental Nanotechnology, Monitoring and Management	10.1016/j.enmm.2022.100722
76	The design of a hybrid parabolic solar dish–steam power plant: An experimental study	2022	Energy Reports	10.1016/j.egy.2021.11.236
77	Anticancer and Antimicrobial Activity of PVA/Fe ₂ O ₃ /TiO ₂ Hybrid Nanocomposite	2022	International Journal of Nanoscience	10.1142/S0219581X22500181
78	Numerical analysis of the energy-storage performance of a PCM-based triplex-tube containment system equipped with arc-shaped fins	2022	Frontiers in Chemistry	10.3389/fchem.2022.1057196
79	NUMERICAL INVESTIGATION OF OFFICE ROOM VENTILATION BY ADOPTING DISPLACEMENT VENTILATION AND CHILLED CEILING SYSTEM IN A HOT AND DRY CLIMATE	2022	Journal of Engineering Science and Technology	
80	Biosynthesis of copper oxide nanoparticles mediated Annona muricata as cytotoxic and apoptosis inducer factor in breast cancer cell lines	2022	Scientific Reports	10.1038/s41598-022-20360-y
81	Grouping technology and a hybrid genetic algorithm-desirability function approach for optimum design of cellular manufacturing systems	2022	IET Collaborative Intelligent Manufacturing	10.1049/cim2.12053
82	Effect of Soluble Salts on Mechanical Properties of Granular Subgrade for Road Pavements	2022	Transportation Infrastructure Geotechnology	10.1007/s40515-021-00195-2
83	Significance of the Coriolis Force on the Dynamics of Carreau–Yasuda Rotating Nanofluid Subject to Darcy–Forchheimer and Gyrotactic Microorganisms	2022	Mathematics	10.3390/math10162855
84	Graphical Prediction of Optimum Pinch Point Value with AEA Software Simulation and Validation Applied in Closed Cycle Gas Power Plant	2022	International Journal of Heat and Technology	10.18280/ijht.400514
85	Advances in heat pipe technologies for different thermal systems applications: a review	2022	Journal of Thermal Analysis and Calorimetry	10.1007/s10973-022-11660-6
86	A Comparison of Polytomous Rasch Models for the Analysis of C-Tests	2022	International Journal of Language Testing	10.22034/IJLT.2022.157128

87	Island neighboring heuristics harmony search algorithm for flow shop scheduling with blocking	2022	Swarm and Evolutionary Computation	10.1016/j.swevo.2022.101127
88	Teaching from home: Exploring lecturers' perceptions and attitudes towards moodle and google meet integration	2022	Handbook of Research on Education Institutions, Skills, and Jobs in the Digital Era	10.4018/978-1-6684-5914-0.ch014
89	Insight into adsorption mechanism, modeling, and desirability function of crystal violet and methylene blue dyes by microalgae: Box-Behnken design application	2022	Algal Research	10.1016/j.algal.2022.102864
90	Numerical Investigated to Improve Heat Transfer in a Pipe Using Nanofluid	2022	Mathematical Modelling of Engineering Problems	10.18280/mmep.090425
91	Fabricating MnxCd1-xS/ZIF-8 nanocatalysts to enhance sonophotocatalytic degradation of organic pollutants	2022	Journal of Solid State Chemistry	10.1016/j.jssc.2022.123428
92	Recent advances of bat-inspired algorithm, its versions and applications	2022	Neural Computing and Applications	10.1007/s00521-022-07662-y
93	Developing a sustainable, post treated, half warm mix asphalt for structural surface layer	2022	Construction and Building Materials	10.1016/j.conbuildmat.2022.127926
94	Polyaniline/Nickle oxide hole transport layers to increase stability and efficiency of regular perovskite solar cells	2022	International Journal of Energy Research	10.1002/er.8394
95	Different TiO2 Phases (Degussa/Anatase) Modified Cross-Linked Chitosan Composite for the Removal of Reactive Red 4 Dye: Box-Behnken Design	2022	Journal of Polymers and the Environment	10.1007/s10924-022-02568-1
96	Automatic Malignant and Benign Skin Cancer Classification Using a Hybrid Deep Learning Approach	2022	Diagnostics	10.3390/diagnostics12102472
97	Experimental and numerical assessment on hydrothermal behaviour of MgO-Fe3O4/H2O hybrid nano-fluid	2022	International Journal of Thermofluids	10.1016/j.ijft.2022.100231
98	Acoustical-Physical Impact of Ternary Blends Having Hexane (Aniline + 1-Alkanols)	2022	Chemistry Africa	10.1007/s42250-022-00422-4
99	Control of heat transfer in circular channels using oblique triangular ribs	2022	Results in Engineering	10.1016/j.rineng.2022.100471
100	MEF: Multidimensional Examination Framework for Prioritization of COVID-19 Severe Patients and Promote Precision Medicine Based on Hybrid Multi-Criteria Decision-Making Approaches	2022	Bioengineering	10.3390/bioengineering9090457
101	The Effect of Cow Dung Ash as A Filler on the Mechanical Characteristics of Hot Mix Asphalt	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012041
102	Investigating and Optimizing the Operation of Microgrids with Intelligent Algorithms	2022	Journal of Robotics and Control (JRC)	10.18196/jrc.v3i3.14772
103	Mechanical and Structural Characteristics of PET Fiber Reinforced Concrete Plates	2022	Smart Science	10.1080/23080477.2021.1997136
104	A Modified Honey Badger Algorithm for Solving Optimal Power Flow Optimization Problem	2022	International Journal of Intelligent Engineering and Systems	10.22266/ijies2022.0831.14
105	Numerical and Experimental Study of Multi-layer Armors for Personal Protection; [Чисельні та експериментальні дослідження багат шарової броні для персонального захисту]	2022	Physics and Chemistry of Solid State	10.15330/pcss.22.3.550-558
106	Transcending the silos through project management office: Knowledge transactions, brokerage roles, and enabling factors	2022	International Journal of Project Management	10.1016/j.ijproman.2021.11.003
107	Numerical Analysis in a Lid-Driven Square Cavity with Hemispherical Obstacle in the Bottom	2022	Mathematical Modelling of Engineering Problems	10.18280/MMEP.090625
108	Turbidity and Total Suspended Solids as Physical Parameters for the Evaluating the Water Quality of Tigris River in Mosul City	2022	Journal of Engineering Science and Technology Review	10.25103/jestr.153.16
109	Antibacterial Activity of Biosurfactant extracted from Streptococcus thermophilus and Its effect on some Biochemical Parameters in Male Rats	2022	Caspian Journal of Environmental Sciences	10.22124/CJES.2022.5407
110	CHARACTERIZING POROUS CONCRETE MIXTURES FOR RIGID PAVEMENT	2022	Journal of Engineering Science and Technology	
111	Tolloid-like 1 gene variant rs17047200, pretreatment FIB-4, ALBI and PALBI scores as predictors of hepatocellular carcinoma occurrence after directly acting antivirals	2022	Clinical and Experimental Hepatology	10.5114/ceh.2022.122289
112	Hyper clustering model for dynamic network intrusion detection	2022	IET Communications	10.1049/cmu2.12523
113	Gravimetric analysis and quantum chemical assessment of 4-aminoantipyrine derivatives as corrosion inhibitors	2022	International Journal of Corrosion and Scale Inhibition	10.17675/2305-6894-2022-11-3-17
114	Performance of the Ridge and Liu Estimators in the zero-inflated Bell Regression Model	2022	Journal of Mathematics	10.1155/2022/9503460
115	The effect of waste low-density polyethylene on the mechanical properties of thin asphalt overlay	2022	Construction and Building Materials	10.1016/j.conbuildmat.2021.125722

116	Comparing the ICSI outcome between different causes of subfertility and estimate the role of IL-1 β in predicting ICSI outcome	2022	Journal of Medical Investigation	10.2152/jmi.69.180
117	The Effect of Different Rotational Speeds of a Cylinder on Magnus Wind Turbine Performance	2022	International Review of Aerospace Engineering	10.15866/irease.v15i2.19719
118	Conversion of oily sludge into char via pyrolysis and microwave processes: physicochemical property and energy characteristic	2022	Biomass Conversion and Biorefinery	10.1007/s13399-022-03519-5
119	Cyclic performance of exterior R.C beam-column strengthened with different thicknesses of CFRP sheets	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012069
120	Psychometric Evaluation of the Brief Illness Perception Questionnaire among Iraqi Patients with Type II Diabetes	2022	International Journal of Body, Mind and Culture	10.22122/ijbmc.v9i2.400
121	EVALUATION OF THE PROPERTIES OF MODIFIED LOCAL ASPHALT BINDER BY USING STYRENE BUTADIENE RUBBER (SBR) OR LOW-DENSITY POLYETHYLENE (LDPE)	2022	Scientific Review Engineering and Environmental Sciences	10.22630/srees.3375
122	Trigonometric words ranking model for spam message classification	2022	IET Networks	10.1049/ntw2.12063
123	Magnetic CeO ₂ /SrFe ₁₂ O ₁₉ Nanocomposite: Synthesis, Characterization and Photocatalytic Degradation of Methyl Orange	2022	Arabian Journal for Science and Engineering	10.1007/s13369-022-07044-5
124	Electrochemical and thermodynamic studies of N-(phenol-p-ylmethylene)-2-amino-5-ethyl-1,3,4-thiadiazole as a corrosion inhibitor complemented with theoretical investigations	2022	International Journal of Corrosion and Scale Inhibition	10.17675/2305-6894-2022-11-1-25
125	Evaluation of gene expression programming and artificial neural networks in PyTorch for the prediction of local scour depth around a bridge pier	2022	Results in Engineering	10.1016/j.rineng.2022.100353
126	Improve the performance of solar thermal collectors by varying the concentration and nanoparticles diameter of silicon dioxide	2022	Open Engineering	10.1515/eng-2022-0339
127	The Use of Weather Website Data for Construction Project Decision-Making in the Short Term	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012038
128	An Analytical Study of Iraqi Supermarket Materials using the RapidMiner Tools	2022	2022 International Conference on Data Science and Intelligent Computing, ICDSIC 2022	10.1109/ICDSIC56987.2022.10076166
129	The clay rocks properties for the production of the ceramic bricks	2022	Magazine of Civil Engineering	10.34910/MCE.111.4
130	Numerical Investigation of Buoyancy-driven Flow in a Crescentshaped Enclosure	2022	Jordan Journal of Mechanical and Industrial Engineering	
131	Seismic Performance of RC Column Using Fiber Hinge Concept with Time Integration Method	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012072
132	Improvement of Heat Transfer by Using Porous Media, Nanofluid, and Fins: A Review	2022	International Journal of Heat and Technology	10.18280/ijht.400218
133	Approximation Algorithm Applications in Artificial Intelligence: A Review	2022	Proceedings - CSCTIT 2022: 5th College of Science International Conference on Recent Trends in Information Technology	10.1109/CSCTIT56299.2022.10145686
134	CFD SIMULATION IN THERMAL-HYDRAULIC ANALYSIS OF AIRFLOW ON DIFFERENT ATTACK ANGLES OF ROW FLAT TUBE	2022	Frontiers in Heat and Mass Transfer	10.5098/hmt.19.6
135	Increasing radiation power in half width microstrip leaky wave antenna by using slots technique	2022	International Journal of Electrical and Computer Engineering	10.11591/ijece.v12i1.pp392-398
136	Double-diffusive convection of two rods in a novel cavity saturated by porous media and suspended by nano-encapsulated phase change materials	2022	Waves in Random and Complex Media	10.1080/17455030.2022.2100001
137	The Impact of Cement Kiln Dust and Cement on Cold Mix Asphalt Characteristics at Different Climate	2022	Sustainability (Switzerland)	10.3390/su14074173
138	Impact of Anode Materials on Electrochemical Degradation of Carbamazepine: A Case Study of Producing the Main By-Product 10,11-Epoxy carbamazepine after Electrochemical Degradation of Carbamazepine	2022	Indonesian Journal of Chemistry	10.22146/ijc.71976

139	A Cognitive Agent Model of Burnout for Front-line Healthcare Professionals in Times of COVID-19 Pandemic	2022	International Journal of Intelligent Engineering and Systems	10.22266/ijies2022.0430.32
140	An Analysis of How Different Forms of Heated Bodies Affect Thermal Conductivity Inside a Nanofluid Square Domain	2022	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	10.37934/arfmts.98.1.104115
141	Antibacterial Activity of <i>Boswellia carterii</i> Aqueous Extract and Its Effect on Phagocytosis in vitro	2022	Archives of Razi Institute	10.22092/ARI.2022.356956.1946
142	Thermal Management of the Melting Process in a Latent Heat Triplex Tube Storage System Using Different Configurations of Frustum Tubes	2022	Journal of Nanomaterials	10.1155/2022/7398110
143	USING OBSTACLE PERFORATION, RECONFIGURATION, AND INCLINATION TECHNIQUES TO ENHANCE THE DYNAMIC AND THERMAL STRUCTURE OF A TOP-ENTRY CHANNEL	2022	Thermal Science	10.2298/TSCI22S1475M
144	The use of a Schiff base derivative to inhibit mild steel corrosion in 1 M HCl solution: a comparison of practical and theoretical findings	2022	International Journal of Corrosion and Scale Inhibition	10.17675/2305-6894-2022-11-4-2
145	Effect of Attapulgit as Internal Curing in High-Performance Concrete with Variable Temperature Curing to Enhance Mechanical Properties	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012054
146	A CPSOCSA-tuned neural processor for forecasting river water salinity: Euphrates river, Iraq	2022	Cogent Engineering	10.1080/23311916.2022.2150121
147	COVID-19 Vaccine Acceptance among Social Media Users: A Content Analysis, Multi-Continent Study	2022	International Journal of Environmental Research and Public Health	10.3390/ijerph19095737
148	Replacement of Flexural and Shear Reinforcement of Double-Column Bridge Bent with CFRP under Combined loadings	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012070
149	Impact of psychosocial aspect parameters on psoriasis patients' quality of life at outpatient clinic in Al-Dewania City, Iraq	2022	Rawal Medical Journal	10.5455/rmj.88639.20220725105943
150	The effect of climate change on groundwater recharge in unconfined aquifers in the western desert of Iraq	2022	Groundwater for Sustainable Development	10.1016/j.gsd.2021.100700
151	Optimized removal process and tailored adsorption mechanism of crystal violet and methylene blue dyes by activated carbon derived from mixed orange peel and watermelon rind using microwave-induced ZnCl ₂ activation	2022	Biomass Conversion and Biorefinery	10.1007/s13399-022-03646-z
152	USING NANOCCLAY HYDROPHILIC BENTONITE AS A FILLER TO ENHANCE THE MECHANICAL PROPERTIES OF ASPHALT	2022	Journal of Applied Engineering Science	10.5937/jaes0-35111
153	Application of hybrid machine learning models and data pre-processing to predict water level of watersheds: Recent trends and future perspective	2022	Cogent Engineering	10.1080/23311916.2022.2143051
154	ANALYSIS OF THE NATURAL COMPOSITE MATERIAL LAYERS INFLUENCE ON THE CANTILEVER'S STRUCTURAL PERFORMANCE	2022	Eastern-European Journal of Enterprise Technologies	10.15587/1729-4061.2022.253990
155	Facilitating multidirectional knowledge flows in project-based organizations: the intermediary roles of project management office	2022	International Journal of Systematic Innovation	10.6977/IJoSI.202203_7(1).0005
156	The use of ceramics as an internal curing agent in high performance concrete with variable temperature curing to improve mechanical characteristics	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012024
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166	Antifungal effects of Zataria multiflora Boiss (Shirazi Thyme) extract against Aspergillus fumigatus Afs35 genes: crza and rpdA	2022	Journal of Applied and Natural Science	10.31018/jans.v14i3.3631
167	Antibacterial Activity of Capsicum annum L. Juice Against Klebsiella pneumonia Isolated from Respiratory Tract Infections	2022	Iranian Journal of War and Public Health	10.29252/ijwph.14.2.139
168	Effect of partial replacement of fine aggregate by internal curing materials on mechanical properties of concrete	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012042
169	Comparison of MPPT Techniques Using Metaheuristic Algorithms	2022	AEST 2022 - 2022 2nd International Conference on Advances in Engineering Science and Technology	10.1109/AEST55805.2022.10412919
170	Numerical Performance of Energy Dissipation Slotted Plate for Bridge Unseating Prevention	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/961/1/012071
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172	Evaluation of baseline cleanliness of food contact surfaces in Basrah Governorate restaurants using ATP-bioluminescence to assess the effectiveness of HACCP application in Iraq	2022	Italian Journal of Food Science	10.15586/ijfs.v34i3.2237
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174	Soft Soil Treated with Waste Fluid Catalytic Cracking as a Sustainable Stabilizer Material	2022	Iraqi Geological Journal	10.46717/igj.55.1C.4Ms-2022-03-23
175	Inverted Solar Stills: A Comprehensive Review of Designs, Mathematical Models, Performance, and Modern Combinations	2022	Sustainability (Switzerland)	10.3390/su142113766