

Authors	Title	Year	Source title	Volume	Issue
Al-Kasoob G.F., Alakaam I.S.	Assessment of Flood Hazards Using SCS-CN Method: A Case Study of Halabjah Area in Northeastern Iraq	2023	Iraqi Geological Journal	56	2F
Jubair S.A.	Complete and Strong Cancellation Gamma Acts	2023	AIP Conference Proceedings	2977	1
Oliwie A., AL-Turaihi R.	Numerical Investigations of Flow Behavior and Enhancement of Heat Transfer of Two-Phase Flow (Water-Air) in Two-Pass Channel with Various Shapes of Perforated Area of Curved Ribs	2023	AIP Conference Proceedings	2977	1
Almuslimawi A., Turóczy G., Kiss J., Kovács A., Körösi K.	Efficacy of some plant resistance inducers against several sunflower downy mildew (<i>Plasmopara halstedii</i> (Farl.) Berl. et de Toni) isolates	2023	Acta Biologica Szegediensis	67	1
Al-Sharifi H.K.R., Deepthi A.	Study on the mechanistic classes of fluorescence quenching of tryptanthrin-malononitrile adduct by aniline	2023	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	303	
Khafaji S.S.	Comparing the effects of <i>Cyperus esculentus</i> hydroethanolic extract and <i>Euterpe oleracea</i> on reproductive efficacy against cadmium-induced testicular toxicity in male rats	2023	Journal of Advanced Veterinary and Animal Research	10	4
Yakdhan Saleh M., Obaid Aldulaimi A.K., Mahmood Saeed S.,	Synthesis of New Azo Dyes of Uracil via Ecofriendly Method and Evaluation For The Breast, Liver and Lung Cancer Cells In vitro	2023	Chemical Review and Letters	6	4
Hashim H.O., Al-Shuhaib M.B.S.	Improved DNA Extraction Protocol from Frozen Blood of Patients Who Underwent Systemic Chemotherapy	2023	Journal of Applied Biotechnology Reports	10	4
S.A., Abbas S.L., Abdulhasan M.J., Mohammedhassan	Evaluating the Efficiency of <i>Chlorella Vulgaris</i> and <i>Spirulina</i> Microalgae in Wastewater Remediation Under Different Light Conditions	2023	International Journal of Design and Nature and Ecodynamics	18	6

Raheem H.A., Albazi W., Altaee R., Al-Thuwaini T.M., Jhoni G.H.	Effect of hypercholestermic diet on the β -amyloid deposition and microglial cells with some biomarkers alterations in male rats	2023	Iraqi Journal of Veterinary Sciences	37	
Abdulameer Y.S., Obed W.F., Abady N.R., Jasim A.M., Albawi F.H.,	Effect of Berberine on Some Histopathological, Enrofloxacin Residue and Aniti-Diarrheagic Escherichia coli in Broilar Chicken	2023	Advances in Animal and Veterinary Sciences	11	12
Thamer A., Mohamed S.	Characterization of undoped and doped CdS nano-thin films by ZnO for photocatalytic application	2023	Chalcogenide Letters	20	12
Abd A.A., Seong L.K., Othman M.R.	Optimized hydrogen purification for fuel cell quality from quinary coke oven gas via layered pressure swing adsorption under non-isothermal conditions	2023	Chemical Engineering Research and Design	200	
Hamza N.A.A., Abed I.M.	Hydrothermal performance through multiple shapes of microchannels (MCHS) using nanofluids: an exhaustive review	2023	Journal of Thermal Analysis and Calorimetry	148	24
transfer in minichannel heat sink and experimental validation	pp. 239-247.	1:CAS:528:DC%2BC1cXoslOgs	A.A.	Abdulla	M.Z.
Al-Shuhaib M.B.S., Hashim H.O.	Mastering DNA chromatogram analysis in Sanger sequencing for reliable clinical analysis	2023	Journal of Genetic Engineering and Biotechnology	21	1
Mohammed A.I., Aljabary A.M.A.O., Marf B.A.H., Al-Saadi J.M.S.	Effect of Bio-Based Protein Coating on the Quality and Shelf Life of Fig Fruit (Ficus Carica L.)	2023	Passer Journal of Basic and Applied Sciences	5	2
Graimed B.H., Alwared A.I., Ammar S.H., Hussein M.A.	A comprehensive review highlights the photocatalytic heterojunctions and their superiority in the photo-destruction of organic pollutants in industrial wastewater	2023	Inorganic Chemistry Communications	158	
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Al-Kawaz H.S., Hassan Alta'ee A., Alsalman A.R.S., Hadwan A.M.,	Novel fluorometric protocol for assessing myeloperoxidase activity	2023	Enzyme and Microbial Technology	171	
Gubari M.Q., Zwain H.M., Hassan W.H., Vakili M., Majdi A.	Desalination of pigment industry wastewater by reverse osmosis using OPM-K membrane	2023	Case Studies in Chemical and Environmental Engineering	8	
Moosa M.K., Ali A.Y., Salah M.S., Hamad M.A., Nadir W.	Cyclic behavior of simply supported RC spliced deck girder with UHPC cast in place joint: an experimental and numerical study	2023	Journal of Building Pathology and Rehabilitation	8	2
Okab A.A., Jabbar Z.H., Graimed B.H., Alsunbuli M.M., M-Ridha M.J.	mesoporous β -Bi ₂ O ₃ /SiO ₂ heterostructure for the photocatalytic destruction of bacterial cells under simulated sunlight illumination: Schottky junction electron-transfer pathway	2023	Environmental Nanotechnology, Monitoring and Management	20	
N.M., Kzar H.H., Karim Y.S., Amin A.H., Al-Gazally M.E., Ahmed	with atherogenic lipid profile and anthropometric indices(Diabetology & Metabolic Syndrome, (2022), 14, (74), 10.1186/s13098-022-00844-7)	2023	Diabetology and Metabolic Syndrome	15	1
Al-Obaidy R., Haider A.J., Al-Musawi S., Arsad N.	Targeted delivery of paclitaxel drug using polymer-coated magnetic nanoparticles for fibrosarcoma therapy: in vitro and in vivo studies	2023	Scientific Reports	13	1
Alsaikhan F., Margiana R., Ahmad I., Patra I., Najm M.A.A., Yasin G.,	Shining the light on mesenchymal stem cell-derived exosomes in breast cancer	2023	Stem Cell Research and Therapy	14	1
W., Goud B.S., Ullah I., Usman, Mohamed Isa S.S.P., El Din S.M.,	transportation in Casson nanofluid flow with arrhenius activation energy and irreversibility processes (Scientific Reports, (2022), 12, 1, (20597), 10.1038/s41598-022-25010-x)	2023	Scientific Reports	13	1
Falah Hasan H., Hashim Abid Ali A., Mansour Jasim A.	Effectiveness of Histopathological Changes of Induced Thin Layer Endometrium by Pentoxifylline and Pentoxifylline-Loaded Poly Lactic-co-Glycolic Acid on Female Rats	2023	Archives of Razi Institute	78	6
Idan S.R., Al-Hasnawy M.H.	Microscopic and molecular diagnoses of Giardia duodenalis in pet animals in Babylon Province, Iraq	2023	Veterinary World	16	11

Mohammed Ali Eesa A., Bazargani-Gilani B., Obaid Hasson S.	Comparison of green and synthetic silver nanoparticles in zein-based edible films: Shelf-life study of cold-stored turkey breasts	2023	Food Science and Nutrition	11	11
Othman M., Sh Majdi H., Helwani Z., Khairunnisa Shamsudin	Evaluation of ZIF-7 media for biogas upgrading into vehicular fuel quality standard by pressure swing adsorption through experiment and dynamic simulation under non-isothermal conditions	2023	Fuel	350	
Abdulameer Y., Ajafar M., Rabee R.	productivity, immune status, intestinal morphometry, and carcass traits of broiler chickens [Efeito do acetato de nano α -tocoferol mais selênio na produtividade, estado imunológico, morfometria intestinal	2023	Revista Colombiana de Ciencias Pecuarias	36	4
Bader O.A., Nahi H.H.	Effect of estrogens level on the fracture healing of tibia bone after ovariectomy and ovari hysterectomy in female dogs	2023	Iraqi Journal of Veterinary Sciences	37	4
Nguyen T.H.A., Le N.B.T., Nguyen T.D., Nguyen V.C., Othman	Optimization of photocatalytic degradation performance of organic dye using highly efficient bismuth MOFs: Preparation and parametric analysis	2023	Chemical Engineering Research and Design	198	
H.F., Al-Shuhaib M.B.S., Al-Thuwaini T.M., Alkhammas A.H.	The relationship between OXT gene polymorphisms and reproductive hormones in pregnant and lactating Awassi Ewes	2023	Molecular Biology Reports	50	10
Zwain H.M., Wang W., Mojiri A., Gholami Z., Tomas M., Giwa A.S.,	Treatment of As(III)-contaminated food waste using alkali treatment and its potential application for methylene blue removal from aqueous solutions	2023	Journal of Water Process Engineering	55	
Zwain H.M., Wang W., Mojiri A., Tomas M., Cagnetta G., Gholizadeh	Removal of GenX by APTES functionalized diepoxyoctane cross-linked chitosan beads	2023	Journal of Environmental Chemical Engineering	11	5
Harith I.K.	Optimization of Quaternary Blended Cement for Eco-Sustainable Concrete Mixes Using Response Surface Methodology	2023	Arabian Journal for Science and Engineering	48	10
J.S., AL-Rikabi A.K.J., Altemimi A.B., Hesarinejad M.A.,	Exploring the health benefits and functional properties of goat milk proteins	2023	Food Science and Nutrition	11	10

Abd A.A., Othman M.R., Helwani Z.	Unveiling the critical role of biogas compositions on carbon dioxide separation in biogas upgrading using pressure swing adsorption	2023	Biomass Conversion and Biorefinery	13	15
Hussein A.A., Ariffin A.	Ligands on Alkene Reactivity and Regioselectivity toward Hydrocupration Reactions: The Role of Expanded-Ring N-Heterocyclic Carbenes	2023	Journal of Organic Chemistry	88	18
Al-Bakri A.A.A., Al-Zubaidy S.A.A-H.	Effect of Irrigation Periods and Brassinolide Growth Regulator on the Growth of Maize (Zea Mays L.)	2023	AIP Conference Proceedings	2845	1
Bedewy B.A., Abdul-Ameer H.N., Al-Timimy S.R.A., Abdulameer M.H.	Processing Traffic Jam in Al-Sadrain Intersection in the Holy City of Najaf	2023	E3S Web of Conferences	427	
Olewi G.H., Nafel N.M., Al-Khafaji F.R.A., Naser I.H.	Effect of adding different concentrations of mix-oil solution to drinking water of broiler chickens Ross 308 and breeders at elevated temperatures on productive performance	2023	Advancements in Life Sciences	10	3
Naser F.H., Naser M.H., Al Mamoori A.H.N.	Comparison Study of Two Popular Flow Measurement by Locally Manufactured Device for Open Channels	2023	AIP Conference Proceedings	2806	1
Abdulhasan M.J., Raheem S.A., Al-Zubaidi H.A.M., Janabi A.S.K.	Optimization of heavy metals removal from wastewater by magnetic nano-zeolite using response surface methodology	2023	Desalination and Water Treatment	306	
Majhool A.A., Saeed S.M., Adil M., Adhab A.H.	Cholesterol Detection by Electrochemical Sensors: A Review	2023	Analytical and Bioanalytical Electrochemistry	15	9
Ali H.A., Awad A.S., Ali R.A., Salah M., Alrufaie M.M.	Assessment of the potential role of Trefoil Factor-3 marker as a predictive marker of complication in splenectomized and non splenectomized patients with beta thalassemia major	2023	Current Issues in Pharmacy and Medical Sciences	36	3
Jafar I., Ali H.A., Ali R.A., Al-Rufaie M.M.	Assessing the role of serum Pentraxin-3 (PTX3) levels in hypothyroidism patients as risk marker of insulin resistance	2023	Current Issues in Pharmacy and Medical Sciences	36	3

Tampubolon K., Alridiwersah, Basyuni M., AL-Taey D.K.A.,	Drought stress induced by polyethylene glycol (PEG) in local maize at the early seedling stage	2023	Heliyon	9	9
Alnasraui A.H.F., Joe I.H., Al-Musawi S.	Design and synthesize of folate decorated Fe ₃ O ₄ @Au-DEX-CP nano formulation for targeted drug delivery in colorectal cancer therapy: In vitro and in vivo studies	2023	Journal of Drug Delivery Science and Technology	87	
Kzar H.H., Hasan Jabbar A., Turki Jalil A., Aravindhana S., Abed	Bonding Properties of AA1050 Strips Fabricated Via Electrically Assisted Roll Bonding (EARB) Process	2023	Acta Technologica Agriculturae	26	3
Salim N., S. J Singh M., T. Abed A., Islam M.T.	4X4 MIMO slot antenna spanner shaped low mutual coupling for Wi-Fi 6 and 5G communications	2023	Alexandria Engineering Journal	78	
Mulakhudair A.R., Naser M.S., Akour A., kh A.M.	Assessment of the Correlation Between Inflammatory Status and Severity of COVID-19: Experience from Tertiary Hospital in Iraq	2023	Current Microbiology	80	9
Shabaa G.J., Semysim F.A., Ridha R.K., Azooz E.A., Al-Mulla E.A.J.	Air-assisted dual-cloud point extraction coupled with flame atomic absorption spectroscopy for the separation and quantification of zinc in pregnant women's serum	2023	Journal of the Iranian Chemical Society	20	9
N., Hassan F.M., Al-Sabri A., Abdul-Adel Jabar E., Ameen F.	Cultivation of blue green algae (<i>Arthrospira platensis</i> Gomont, 1892) in wastewater for biodiesel production	2023	Chemosphere	335	
Abbas S.H.	Genetic Stability of Different Genotypes of Bread Wheat (<i>Triticum aestivum</i> L.) Grown Under Levels of Nitrogen Fertilizer	2023	Basrah Journal of Agricultural Sciences	36	2
Abbas S.H.	Effect of Planting Dates on Stability of New Rice Genotypes Traits Grown in Iraqi Conditions	2023	Basrah Journal of Agricultural Sciences	36	2
A.A., Hasan M.M., Helwani Z., Kim J., Othman M.R.	Effect of thermal dynamics and column geometry of pressure swing adsorption on hydrogen production from natural gas reforming	2023	Gas Science and Engineering	116	

Dibs H., Jaber H.S., Al-Ansari N.	Multi-Fusion algorithms for Detecting Land Surface Pattern Changes Using Multi-High Spatial Resolution Images and Remote Sensing Analysis	2023	Emerging Science Journal	7	4
Hussam F., Hameed N.M., Al-qaim Z.H., Al-Gazally M.E., Kandee	Exploring the impact of miR-128 in inflammatory diseases: A comprehensive study on autoimmune diseases	2023	Pathology Research and Practice	248	
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L.R., Al-Qaim F.F., Deyab I.F., Kamyab H., Chelliapan S.	A comprehensive review on adsorption of methylene blue dye using leaf waste as a bio-sorbent: isotherm adsorption, kinetics, and thermodynamics studies	2023	Environmental Monitoring and Assessment	195	8
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Hasan I.S., Majhool A.A., Sami M.H., Aldulaimi A.K.O.	Prediction of hydration enthalpy of low molecular weight organic molecules with machine learning regression based on COSMO-SAC	2023	Chemical Review and Letters	6	1
H.F.K., Alkhammas A.H., Al-Thuwaini T.M., Javadmanesh A.,	One intron variant in the oocyte expressed protein (OOEP) gene is associated with twinning rate, prolificacy, and several body measurement traits in Awassi ewes	2023	Small Ruminant Research	225	
Al-Shemri M.I., Aliannezhadi M., Al-Awady M.J., Ghaleb R.A.	Interaction of different lasers beams with synthesized H2Ti3O7 nanotubes: toward photodynamic therapy	2023	Optical and Quantum Electronics	55	8
Hasan N., Shallal M.A.H., Mubarak H.A., Karhib M.M., Naje A.S.	Synthesis, Spectral, Cancer Inhibitory Activity and Antimicrobial Studies of Cobalt(II) and Nickel(II) Metal Complexes Containing Azo Derived from 2-Amino Benzimidazole	2023	Journal of Medicinal and Chemical Sciences	6	8
Abdulazeem L., Kzar M.H., Khattab E.S., Naje A.S.	Mechanism of Immune System for Evading and Escaping Cancer Cells: A Brief Review	2023	Journal of Medicinal and Chemical Sciences	6	8

Dahlan I., Mazlan W.H.W., Mulkan A., Zwain H.M.	Modelling of batch organic dye adsorption using modified metal-organic framework-5 (MOF-5)	2023	AIP Conference Proceedings	2785	1
Abbas S.F., Haider A.J., Al-Musawi S.	Antimicrobial and Wound Healing Effects of Metal Oxide Nanoparticles-Enriched Wound Dressing	2023	Nano	18	8
Kadhim M.M., Alshamma F.A.	Theoretical and experimental investigations of crack propagation behavior and delamination in GLARE specimens affected by non-proportional fatigue loadings	2023	Composites Part C: Open Access	11	
Zhang S., Lai Y., Chen K., Habibi M., Khorami M., Haider Mussa Z.	Influence of MWCNT's waviness and aggregation factors on wave dispersion response of MWCNT-strengthened nanocomposite curved beam	2023	Structures	53	
Nadir W., Kadhimi M.M.A., Jawdhari A., Fam A., Majdi A.	RC beams strengthened in shear with FRP-Reinforced UHPC overlay: An experimental and numerical study	2023	Structures	53	
Abd A.A., Othman M.R., Majdi H.S., Helwani Z.	Green route for biomethane and hydrogen production via integration of biogas upgrading using pressure swing adsorption and steam-methane reforming process	2023	Renewable Energy	210	
B.H., Okab A.A., Alsunbuli M.M., Al-husseiny R.A.	decorated NiFe ₂ O ₄ nanoparticles for photocatalytic destruction of Levofloxacin in aqueous solution: Synergistic effect between S-scheme and SPR action	2023	Journal of Photochemistry and Photobiology A: Chemistry	441	
Ali S.H., Al-Harbi H.J.O., Alqazzaz A.M.H.	Detection of Some Biochemical Markers in Iraqi Osteoporosis Patients	2023	Journal of Medicinal and Chemical Sciences	6	7
Aldulaimi A.K., Sami M.H., Bahir H., Adhab A.H., Saraswat S.K.	Hydrazinosulfonylation of aryl electrophiles: a straightforward approach for the synthesis of aryl N-aminosulfonamides	2023	RSC Advances	13	27
Al-Alywi A.S., Al-Zubaidi S.F., Al-Yasari A.M.R.	Injection of Platelet Rich Plasma Intra-Ovarian to Treat Inactive Ovaries in Rabbits	2023	International Journal of Veterinary Science	12	4

Kadhim M.M.A., Jawdhari A., Nadir W., Majdi A.	Experimental study on RC beams strengthened in flexure with CFRP-Reinforced UHPC overlays	2023	Engineering Structures	285	
Jasim A.H., Abidali A.R.K., Wais A.M.H.	Investigating the Effect of Fe ₂ O ₃ on Wear Behaviour and Corrosion Resistance of Electroless Ni-P Coating with Different Fe ₂ O ₃ Concentrations on AISI 4140 Steel	2023	Medziagotyra	29	2
Al-Shreefy H.H., Al- Wasiti E., Al-Awady M.J.	Investigation of Encapsulated Selenium Nanoparticles with PLGA Polymers Against MCF-7 and HBL Cell Lines	2023	Nano Biomedicine and Engineering	15	2
Bedewy B.A.H., Abdulameer M.H.	Evaluating and Improving the Spatial Distribution Using GIS to Avoid Environmental Risks and Achieve Safety for Petrol Stations in the Nile District Center in Mahaweel / Iraq	2023	International Journal of Safety and Security Engineering	13	3
N., Veeraraghavan A., Gupta A., Palani S.G., Mehdizadeh M., Omidi	Ascertaining and Optimizing the Water Footprint and Sludge Management Practice in Steel Industries	2023	Water (Switzerland)	15	12
Al-Khateeb D.S.M., Mubarak H.A., Karhib M.M., Kareem M.M.,	Synthesis and diagnosis of triazole and oxirane derivatives from hydroxyquinoline with evaluating their biological and antioxidant activity	2023	Eurasian Chemical Communications	5	6
Aljubouri T.R.S., Al- Shuhaib M.B.S.	The identification of a novel SNP in the resistin (RETN) gene associated with growth traits in Karakul and Awassi sheep	2023	Tropical Animal Health and Production	55	3
Abd A.A., Othman M.R., Helwani Z., Kim J.	Waste to wheels: Performance comparison between pressure swing adsorption and amine-absorption technologies for upgrading biogas containing hydrogen sulfide to fuel grade standards	2023	Energy	272	
Alwan H., Torabi M., Nourani H., Al-Shuhaib M.B.S.	The emergence of novel Iranian variants in sheeppox and goatpox viral envelope proteins with remarkably altered putative binding affinities with the host receptor	2023	Virus Genes	59	3
Z.A., Al-Ansari N., Hassan W.H., Al- Hashimi O., Ghfar A.A.,	Controlling metal ion migration in contaminated groundwater with Iraqi clay barriers for water resource protection	2023	RSC Advances	13	24

Hussein S.N., Nile B.K., Zwain H.M.	Evaluation and determination of flood areas using SWMM and the creation of a mathematical model using dimensional analysis: A case study of the city of Najaf	2023	AIP Conference Proceedings	2631	
Mohammed M.H., Hassan W.H., Zwain H.M.	Overflow sanitary sewer systems during the rainy season: A case study in Al-Samawah city	2023	AIP Conference Proceedings	2631	
Qazi I.A., Abd A.A., Hasan M.M., Othman M.R.	Optimizing hydrogen purification performance by membrane from industrial waste of methanol production	2023	Chemical Engineering Journal Advances	14	
Hasan M.F., Jawad Kadhim M., Al-Awady M.J.	The Impact of Berberine Loaded Selenium Nanoparticles on K. pneumoniae and Candida albicans Antibiotics Resistance Isolates	2023	Archives of Razi Institute	78	3
Dziki D., Hassoon W.H., Kramek A., Krajewska A.	Grinding Characteristics of New Varieties of Winter Triticale Grain	2023	Processes	11	5
Shubbar A., Nasr M.S., Kadhim A., Hashim T.M., Sadique M.	Performance Comparison of 45° and 90° Herringboned Permeable Interlocking Concrete Pavement	2023	Infrastructures	8	5
Harith I.K., Hassan M.S., Hasan S.S., Majdi A.	Optimization of liquid nitrogen dosage to cool concrete made with hybrid blends of nanosilica and fly ash using response surface method	2023	Innovative Infrastructure Solutions	8	5
Kadhim H.J., Al-Mumen H., Nahi H.H., Hamidi S.M.	Dopamine-induced neural activity detection onto a cell-cultured plasmonic nanograting platform	2023	Applied Physics A: Materials Science and Processing	129	5
A.A., Jawad W.A.J., Karhib M.M., Alrazzak N.A., Kareem M.M.,	Synthesis and characterization of new 4,6-dimethoxy-1H-indole derivatives as antibacterial and antitumor agents	2023	Eurasian Chemical Communications	5	5
L., Hazzard T., Bishop C., Stormshak F., Kutzler M.A.	Ovine endometrial estrogen receptor expression is altered following PG-600 administration	2023	Veterinary Medicine and Science	9	3

Okab A.A., Alwared A.I.	Photodegradation of tetracycline antibiotic by ternary recyclable Z-scheme g-C ₃ N ₄ /Fe ₃ O ₄ /Bi ₂ WO ₆ /Bi ₂ S ₃ photocatalyst with improved charge separation efficiency: Characterization and mechanism studies	2023	Environmental Nanotechnology, Monitoring and Management	19	
B.H., Okab A.A., Issa M.A., Ammar S.H., Khadim H.J., Shafiq Y.A.	A review study summarizes the main characterization techniques of nano-composite photocatalysts and their applications in photodegradation of organic pollutants	2023	Environmental Nanotechnology, Monitoring and Management	19	
Al-Obaidy R., Haider A.J., Al-Musaw S.	Calculation and optimization methods of SPION concentration formation with different laser wavelengths in liquid	2023	AIP Conference Proceedings	2769	
Abdulwahid F.S., Haider A.J., Al-Musawi S.	Effect of laser parameter on Fe ₃ O ₄ NPs formation by pulsed laser ablation in liquid	2023	AIP Conference Proceedings	2769	
Al-Shuhaib M.B.S., Hashim H.O., Al-Shuhaib J.M.B.	Most Deleterious Missense Variants of Angiotensin-converting Enzyme 2 Gene have Extremely Low Frequencies and a Little Impact on the Binding Affinity with the SARS-CoV-2 Spike	2023	Biointerface Research in Applied Chemistry	13	2
Abady N.R., Alkhafaji Z.A., Baay A.S.	Polymorphisms in the inter leukin-1 beta gene (rs16944 and rs1143627) as a risk factor for SARS-COV2 infection	2023	AIP Conference Proceedings	2776	
Alaamer S.A., Alsharifi S.K.A., Khalil A.H.	Sustainable use of sub-surface drip irrigation system for corn growth and productivity	2023	AIP Conference Proceedings	2776	
Manjil W.M.A., Ilowefah M.A., Ismail H.B., Alboory H.L.	Investigation of the Effects of Chia-fortified Basisa on Diabetic Patients	2023	International Journal of Pharmaceutical Quality Assurance	14	2
Merza N.A.R., Atab H.A., Al-Fatlawi Z.H., Alsharifi S.K.A.	EFFECT OF IRRIGATION SYSTEMS ON RICE PRODUCTIVITY	2023	Sabrao Journal of Breeding and Genetics	55	2
Guo J., Hu C., Zwain H.M., Jalbani S., Li Y., Guo Y., Chunyun Z., Gu	Anthropocentric perspective on climatic variability, potentially toxic elements, and health risk assessment in the Mansehra district: a case study of the Kunhar River, Pakistan	2023	Journal of Water and Climate Change	14	4

Guo J., Ke S., Hu C., Asad M., Jalbani S., Zwain H.M., Khan P.,	Are global influences of cascade dams affecting river water temperature and fish ecology?	2023	Applied Water Science	13	4
Al-Ameedi A.I., Ayad Z.M., Mohammed W.A., Hajwal S.K.	Ginkgo Biloba Extract's Efficacy to Mitigate the Genotoxicity that Hydroxyurea Induces in Mice	2023	Advances in Animal and Veterinary Sciences	11	4
Kadhim Tayyeh H., Mohammed R.	Analysis of NASA POWER reanalysis products to predict temperature and precipitation in Euphrates River basin	2023	Journal of Hydrology	619	
Dibs H., Ali A.H., Al- Ansari N., Abed S.A.	Fusion Landsat-8 Thermal TIRS and OLI Datasets for Superior Monitoring and Change Detection using Remote Sensing	2023	Emerging Science Journal	7	2
AL-Thuwaini T.M., Mosia I.A., Alboory H.L., Al-Shuhaib M.B.S.	An efficient, fast and inexpensive method for genomic DNA extraction of fish tissue	2023	Molecular Biology Reports	50	4
Alkhammas A.H., AL- Thuwaini T.M.	Association of birth type and LHX4 gene polymorphism with reproductive hormones, growth hormone, and prolactin in Awassi ewes	2023	Molecular Biology Reports	50	4
Jabbar Z.H., Okab A.A., Graimed B.H., Issa M.A., Ammar S.H.	Fabrication of g-C ₃ N ₄ nanosheets immobilized Bi ₂ S ₃ /Ag ₂ WO ₄ nanorods for photocatalytic disinfection of Staphylococcus aureus cells in wastewater: Dual S-scheme charge separation pathway	2023	Journal of Photochemistry and Photobiology A: Chemistry	438	
S.A., Makki H.F., Naje A.S., Zwain H.M., Salman A.D., Juzsakova	Recent advances and applicable flexibility potential of electrochemical processes for wastewater treatment	2023	Science of the Total Environment	867	
Abdulameer H., Musa I., Al-Sultani N.S.	Three level intrusion detection system based on conditional generative adversarial network	2023	International Journal of Electrical and Computer Engineering	13	2
Salahdin O.D., Al-Alaq F.T., Abdulazeem L., Kzar M.H., Khattab E.S.,	Antibacterial Activity of Bacteriocin - Isolated from Lactobacillus Spp. against Some Pathogenic Bacteria	2023	Journal of Medicinal and Chemical Sciences	6	4

Graimed B.H., Okab A.A., Jabbar Z.H., Issa M.A., Ammar S.H.	Highly stable β -Bi ₂ O ₃ /Ag decorated nanosilica as an efficient Schottky heterojunction for ciprofloxacin photodegradation in wastewater under LED illumination	2023	Materials Science in Semiconductor Processing	156	
Fadhil A.I., Alsaadi Q.H.B.	Documentation of Genetic Diversity by Insulin-Like Growth Factor1 Receptor (Exon2) Gene for Fallow Deer (Dama dama) in Iraq	2023	Archives of Razi Institute	78	2
Bresm H.A.M., Habeeb M.H.H.	Effect of Vitamin D3 on some Antioxidant Parameters in Chilled Semen in Awassi Ram	2023	Archives of Razi Institute	78	2
Al-Hasnawy M.H., Rabee A.H.	A review on trichomonas species infection in humans and animals in Iraq	2023	Iraqi Journal of Veterinary Sciences	37	2
Jabbar Z.H., Okab A.A., Graimed B.H., Issa M.A., Ammar S.H.	novel Ag ₂ WO ₄ /Bi ₂ S ₃ nanocomposite decorated g-C ₃ N ₄ nanosheet as ternary S-scheme heterojunction: Improving the charge transfer efficiency	2023	Diamond and Related Materials	133	
Abdulwahid F.S., Haider A.J., Al-Musawi S.	Folate decorated dextran-coated magnetic nanoparticles for targeted delivery of ellipticine in cervical cancer cells	2023	Advances in Natural Sciences: Nanoscience and Nanotechnology	14	1
Guo J., Hu C., Zwain H.M., Liu C., Khan M.Z., Niu C., Zhao C., Ahmed	Appraisal of climate change and source of heavy metals, sediments in water of the Kunhar River watershed, Pakistan	2023	Natural Hazards	116	2
O.D., Arenas L.A.B., Parra R.M.R., Aravindhana S.,	Solamen Vaillant Mollusk Powder as an Efficient Biosorbent for Removing Cobalt Ions from Aqueous Solution: Kinetic and Equilibrium Studies	2023	Physical Chemistry Research	11	1
Salim N., Ali M.O.	Comparison Study of Fractal and Slot Antennas Challenges for Cellular Band Communications	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2
M.R.R.M.A., Noor N.M., Aziz M.S.A., Zawawi M.H., A. Wahab M.K.,	A Hydrosuction Siphon System to Remove Particles Using Fan Blades	2023	Water (Switzerland)	15	3

Hosseinzadeh M., Zwain H.M., Siadatmousavi S.M., Majdi A., Mojiri A.	Upgrading the MBBR Process to Reduce Excess Sludge Production in Activated Sludge System Treating Sewage	2023	Water (Switzerland)	15	3
Abdulameer M.H., Stenger-Kovács C., Al-sareji O.J., Al-Gazali Z.,	Polycyclic aromatic hydrocarbons in the surface water and sediment along Euphrates River system: Occurrence, sources, ecological and health risk assessment	2023	Marine Pollution Bulletin	187	
Abd A.A., Othman M.R., Helwani Z.	Production of ultrapure biomethane from stratified bed in non-adiabatic and non-isothermal plate pressure swing adsorption	2023	Chemical Engineering Research and Design	190	
Nahi H.A., Hashim S.M., Kreem D.J.	Blockchain for baccalaureate examination sheets protection in Iraq	2023	Indonesian Journal of Electrical Engineering and Computer Science	29	2
Nanakali N.M., Muhammad Al-saadi J., Sulaiman Hadi C.	Functional and physiochemical properties of the yoghurt modified by heat lactosylation and microbial transglutaminase cross-linking of milk proteins	2023	Food Science and Nutrition	11	2
Abd A.A., Othman M.R., Shamsudin I.K., Helwani Z., Idris I.	Biogas upgrading to natural gas pipeline quality using pressure swing adsorption for CO2 separation over UiO-66: Experimental and dynamic modelling assessment	2023	Chemical Engineering Journal	453	
Fadhil Mohammed A., Nahi H.A., Majed Mosa A., Kadhim I.	Secure E-healthcare System Based on Biometric Approach [Sistema sanitario electrónico seguro basado en la biometría]	2023	Data and Metadata	2	
Radhi N.S., Jasim A.H., Al-Khafaji Z.S., Falah M.	Investigation of Hematite Nanoparticles According to Mechanical Characteristics of Aluminium Matrix Composite	2023	Nanosistemi, Nanomateriali, Nanotehnologii	21	4
Al-Saeedi M.K.I., Al-Jebory H.H., Ajafar M.	Effect of in Ova Injection with Nano-copper in Productive Performance of Japanese Quail Exposed to Pathological and Environmental Challenges	2023	Annals of Agri Bio Research	28	2
Sabbar K.H., Kareem S.M., Abbas F.H.	parvum infection in camels [Tasa de infección de cryptosporidium parvum diagnosticada mediante técnica de PCR en tiempo real en camellos]	2023	Revista Latinoamericana de Hipertension	18	10

Z.H., Al-Rubaye S.H., Kassim N.S.A., Abidin N.A.Z.	ELECTROCHEMICAL ELIMINATION OF METHYLENE BLUE DYE USING CARBON CLOTH MATERIAL [Penghapusan Elektrokimia Pewarna Biru Metilena Menggunakan Bahan Kain Karbon]	2023	Malaysian Journal of Analytical Sciences	27	6
Khafaji S.S.	Antioxidant, anti-inflammatory, and anti-reprotoxic effects of kaempferol and vitamin E on lead acetate-induced testicular toxicity in male rats	2023	Open Veterinary Journal	13	12
Ketata A., Gomaa A.E., Moussa O., Driss Z., Abid M.S., Naje A.S.,	Modeling of Waste Vegetable Oil Biodiesel for Tractor Engine Utilization	2023	Journal of Ecological Engineering	24	12
Hassan D., Thamer T., Mohammed R., Almaeini A., Nassif N.	Calibration and Evaluation of AquaCrop Model Under Different Irrigation Methods for Maize (Zea mays L.) in Central Region of Iraq	2023	Advances in Science, Technology and Innovation		
Alaamer S.A., Alsharifi S.K.A.	Effect of Spraying with Different Concentration of Pyridoxine (Vit B6) and Planting Dates on Growth and Yield of Sesame (Sesamum indicum L.)	2023	IOP Conference Series: Earth and Environmental Science	1262	3
Chfat L.M., Oleiwi M.S.	Some Growth Characteristics of Maize were Affected by Inoculation with Mycorrhizae and Spraying with Amino Acids	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Abdulkadhum M.H., Manea A.I., Mahmoud S.S.	Effect of Mycorrhizal Addition and Organic Fertilization on the Growth and Yield of Potato in Autumn Season	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Al-Taey D.K.A., Hussain A.J., Kadhum H.J.	Bentonite Impact on Soil Properties and Biological Activity in the Face of Drought : A Review	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Alwan N.M., Kadhim F.J., Mahdi S.A.	Effect of Licorice Organic Media and Disper Bloom Spraying on vegetative growth and Flowering Gerbera Jamesonii L.	2023	IOP Conference Series: Earth and Environmental Science	1262	4
D.J., Jassam S.A., Jasim H.M., Ameen H.F.M., Al- Rubaye A.H.	Petroleum's Influence on the Aquatic Environment	2023	IOP Conference Series: Earth and Environmental Science	1262	2

Al-Sultani A.J.K., Al-Mohammad M.H.S., Lehmoed A.M.	Response of Two Oat Cultivars to Spraying Nano Potassium in Some Growth Parameters and Yield Components	2023	IOP Conference Series: Earth and Environmental Science	1262	5
Hussian H.M., Saeed A.A.	Prepared with Different Sources of Soluble Carbohydrates on Fermentation Characteristics of Wheat Straw Silage, Rumen Fermentation and Nutrients Digestibility by Awassi Lambs	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Al-Shemery N.J., Ali N.A.-L., Zangana B.S.R.	The Effect of Iraqi Jasmine Leaf (<i>Lonicera Japonica</i>) Aqueous and Alcoholic Extract on the Productive Performance of Broiler Ross 308 Chickens	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Chfat L.M., Oleiwi M.S.	Effect of Mycorrhizae Inoculation and Spraying with Amino Acids on some Yield Traits and Leaf Proline Content of Corn Plant	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Jaber A.S., Ali E.A.A.-J.	Effect of Adding Aqueous Extract of <i>Moringa oleifera</i> Leaves in Drinking Water on some of the Reproductive Characteristics for Lohmann Brown Rooster Breeder	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Kazem S.M.H., Al-Khafaji F.R.	Effect of Addition Different Levels of Organic, Inorganic and Nano-Se to the Diet of Broiler Chickens (Ross 308) Exposed to Heat Stress on Characteristics Blood Cellular and some Indicators of Oxidative Stress	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Yassin F.B., Aliwi M.S., Mahmood S.S.	Effect of Adding Chelated Zinc and Vermicompost on Some Indicators of Maize Growth	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Ali A.H.M., Altaei H.M.A.	Effect of Crossing Different Breeds of Sheep on Productive Performance and Different Body Measurements	2023	IOP Conference Series: Earth and Environmental Science	1262	7
D.J., Jassam S.A., Jasim H.M., Ameen H.F.M., Al-Robai H.A.	The Side Effect of Oil Refineries on Environment: As a mini Review	2023	IOP Conference Series: Earth and Environmental Science	1262	2
Al-Gharawi F.A.K.M., Al-Dulaimi H.N., Matar N.S.	Effect of Adding Different Levels of Potassium on Some Vegetative Growth Characteristics of Maize under Water Stress Conditions	2023	IOP Conference Series: Earth and Environmental Science	1262	5

Ali A.H.M., Altaei H.M.A.	Relationship of Body Weights with the Productive Performance of Lambs of the Awassi and Karakul Breeds and Crossbred Sheep	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Ali N.A.-L., Al-Kassie G.A., Al-Rubaie A.-R.L., Al-Timimi I.H.	Effect of Dried Oregano Leaves (<i>Origanum vulgare</i>) on Chicken Productive Traits	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Hasan A.A.A., Aubied I.A., Al-Taey D.K.A.	The Effect of Organic Amendments and Minerals on Increasing Soil Fertility (A review)	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Gaeid F.I., Jubier A.R., Oleiwi M.S.	Fertility Evaluation of Soils of Mahaweel District in Babil Governorate Using GIS	2023	IOP Conference Series: Earth and Environmental Science	1262	8
D.J., Jassam S.A., Jasim H.M., Ameen H.F.M., Al-Robai H.A.	Methods of Treating Produced Water during Oil and Gas Production Processes	2023	IOP Conference Series: Earth and Environmental Science	1262	2
Mohsen R.K., Al-Robai H.A.	Impact of Environmental Pollution by Spent Oil Levels on Leaf Anatomy of <i>Eruca Sativa</i>	2023	IOP Conference Series: Earth and Environmental Science	1262	2
Hameed I.A., Rahman H.A.J.A., Anmar A.	Employing Remote Sensing Technologies and Geographic Information in the Hydrological Analysis of the Hilla River Valley in Babylon Governorate	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Ameen W.J., Al-Qureshi A.R.	Preparing Soil Class Distribution Maps Using Geographic Information Systems	2023	IOP Conference Series: Earth and Environmental Science	1262	8
AL-Zubaidi K.S.O., AL-Rekabi M.M.J., Allaw A.A.	Effect of Polymorphism of the Neuropeptide Y (NPY) Gene on some Productive Traits of Iraqi Local White Chickens	2023	IOP Conference Series: Earth and Environmental Science	1252	1
Jabbar R.H., Jubier A.R.	Evaluation of Land Degradation using some Spectral Indices and Geospatial Technologies in the Western AlJadwal District in the Holy Karbala	2023	IOP Conference Series: Earth and Environmental Science	1262	8

A.K., Mahmood S.S., Al-Taey D.K.A., Hussien R.A., Hashim H.H.	Essential Oil Composition of calotropis procera (Aiton) Dryand	2023	IOP Conference Series: Earth and Environmental Science	1262	5
Al-Janabi Y.A.A., Habeeb H.M.H., Al-Qasimi R.H.H.	Effect of Breeds on some Semen Characteristics of Awassi Ram and Its Crossbreed	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Al-Sultani A.J.K., Lehmoed A.M., Al-Mohammad M.H.S.	Effect of Spraying Nano-Silicon in some Growth and Yield Traits for Two Oats Cultivars	2023	IOP Conference Series: Earth and Environmental Science	1262	5
Habeeb H.M.H., Aljebori R.A.A., Mahdi A., Hamza H.F., Kamil B.R.	Effect of Moringa oleifera Leaf Powder on Awassi Ewe's Blood Parameters	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Jafaar A.A., Mohammed R.J., Hassan D.F., Thamer T.Y.	Effect of Foliar Seaweed and Different Irrigation Levels on Water Consumption, Growth and Yield of Wheat	2023	IOP Conference Series: Earth and Environmental Science	1252	1
Al-Taey D.K.A., Al-Ameer A.A.	Effect of Salinity on the Growth and Yield of Grapes: A review	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Hussian H.M., Saeed A.A.	Prepared with Different Sources and Levels of Soluble Carbohydrates on Chemical Composition, Fermentation and Quality Characteristics of Wheat Straw Silages	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Gaeid F.I., Oleiwi M.S., Jubeir A.R.	The Effect of the Vertical Distribution of Nutrients for some Soils in Babylon Governorate	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Al-Taey D.K.A., Hussain A.J.	Drought's Impact on Growth and Strategies to Mitigate its Effects on Potato Cultivation: A review	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Al-Sharifat N.J.M., Selim M.H.	Field and Student Evaluation of Green Spaces (Gardens) for Al-Mustaqbal University College \ Hilla - Babylon Province	2023	IOP Conference Series: Earth and Environmental Science	1262	8

Al-Fatlawi Z.H., Jabbar M.K.	Determination of the Optimal and Lethal Dose for Mutagenicity of Rice Cultivars by Ethel Methane Sulphate	2023	IOP Conference Series: Earth and Environmental Science	1262	5
Jaber Z.K., Oleiwi M.S.	The Effect of Biofertilizers, Phosphorus Sources and Vermicompost on the Preparation of Bacterial and Fungal Cells for the Two Phases of Vegetative Growth and Flowering of Potato Plants	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Al-Janabi Y.A.A., Habeeb H.M.H., Al-Qasimi R.H.H.	Effect of Breed on some Production Traits and Reproductive Traits of Local Sheep	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Jaber Z.K., Oleiwi M.S.	Influence of Magaterium (Bacillus) Bacterial Biofertilizer on Phosphorus and Vermicompost on Selected Potato Physiological Characteristics	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Alwan I.H., Aljubouri T.R.S.	Effect of Breed and some Non-Genetic Factors on Productive Performance in Two Sheep Breeds	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Al-Zubaidi K.S.O., AL-Rekabi M.M.J., Allaw A.A.	Effect of Polymorphism of the Gonadotropin-Releasing Hormone I (GnRH1) Gene on some Productive Traits of Iraqi white Local Chickens	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Mohammed W.A., Ali H.M., Aljanabi H.R.A.	Relationship of Body Condition Score at Calving with Animal Weight and some Measurements Udder in Holstein Cows	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Mohammed W.A., Ali H.M., Aljanabi H.R.A.	Relationship of Body Condition Score at Calving with Reproductive Performance, some Blood Metabolites and some Pathological Conditions in Holstein Cows	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Al-Gubouri M.N., Manea A.I., Al-Mussawi Z.K.	The Role of Biostimulants and Organic Extracts in the Qualitative Traits of Kale Plants	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Al-Rubaie E.H.D., Bressemer H.K.	Deficient Irrigation and Its Impact on Water Use Efficiency, Maize Yield and some of Its Components	2023	IOP Conference Series: Earth and Environmental Science	1262	8

Al-Ghazali Z.A.K., Al-Zubaidy S.A.A.-H.	Effect of Combinations of Chemical, Nano-Fertilizer and Bio-Fertilizer NPK on Yield and Quality Traits of some Bread Wheat Cultivars Triticum aestivum L.	2023	IOP Conference Series: Earth and Environmental Science	1262	5
Abbas N.K., Ali N.A.-L.	Effect of Adding Different Levels of Proanthocyanidin in Laying Hens Diet on Productive Performance	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Jaber A.S., Ali E.A.A.-J.	The Influence of Feeding a Moringa Oleifera Leaf Aqueous Extract on the Biochemical Attributes of the Lohmann Brown Rooster Breed	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Al-Ghazali Z.A.K., Al-Zubaidy S.A.A.-H.	Response of Wheat Cultivars to Combinations of Chemical, Bio and Nano Fertilizers and their Effect on Vegetative Growth Traits	2023	IOP Conference Series: Earth and Environmental Science	1262	5
Abbas N.K., Ali N.A.-L.	Physiological Changes Caused by Dietary Proanthocyanidin Supplementation at Varying Doses in Laying Hens	2023	IOP Conference Series: Earth and Environmental Science	1262	7
Gatea A.A., Hussein H.T.	Corn (Zea mays L.) Yield Characteristics and Oil Content are Influenced by Licorice and Seaweed Extract Spray Frequency	2023	IOP Conference Series: Earth and Environmental Science	1262	3
Jabbar R.H., Jubier A.R.	A Study of the Effect of Chemical Properties and Their Spatial Distribution in the Soils of the Western Jadwal District in Karbala Governorate	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Mohsen R.K., Al-Robai H.A.	Pollution Effect of Used Engine Oil on Chemical Properties and some Heavy Metals of Sandy Soil	2023	IOP Conference Series: Earth and Environmental Science	1262	8
Mussawi Z.K.A., Ali T.J.M., Hasan A.M.	The Impact of Spraying Pomegranate Seedlings Salimi Cultivar with Various Plant Extracts on Their Development	2023	IOP Conference Series: Earth and Environmental Science	1262	4
Abbas S.F., Haider A.J., Al-Musawi S., Selman M.K.	Antibacterial Effect of Copper Oxide Nanoparticles Prepared by Laser Production in Water Against Staphylococcus aureus and Escherichia coli	2023	Plasmonics		

Rahi A.K., Al-Bedrani D.I.J., Saadi A.M., Alkaisy Q.H.	Effect of adding sodium caseinate, whey protein concentrate and milk protein concentrate on the physical, rheological and sensory properties of yogurt produced from goat milk	2023	Journal of Applied and Natural Science	15	4
Alkaisy Q., Alrikabi A., Al-Saadi J.	Production and characterization of flavored goat milk gels using zinc and calcium salts Producing functional foods	2023	Bionatura	8	4
Hamzah L., Al Dabbagh F., Ibrahim M.	Effect of foliar application with PRO-SOL and humic acid on some growth and chemical characteristics of sour orange (Citrus aurantium) seedlings.	2023	Bionatura	8	4
Abdulrahman M., Alwan M., Abdullah K., Chaffat M.	The performance of moringa leaf extract application and bagging the bunches to improve fruits quality of date palm (Phoenix dactylifera L.) cv. Al-Khadrawi and Al-Buraim	2023	Bionatura	8	4
Gatea S., Altaie S., Nafel N., Aljanabi T., Khafaji S.	Study the difference in a carcass and the relative weight of the Molar, White Pekin and Brown Iraqi local duck carcass parts.	2023	Bionatura	8	4
Al-Sultani H.I., Hussain A.O., Saleh H.S.	Histophysiological Effect of Rosuvastatin on the Kidney in Male Albino Rats	2023	Advances in Animal and Veterinary Sciences	11	12
Hamza N.A.A., Al-Fatlwe F.M.K., Talib M.A.	Experimental and numerical study of effecting core configurations on the static and dynamic behavior of honeycomb plate with aluminum material	2023	Defence Technology		
Nayyef M.T., Al-Wotaify A.S.S.	A comparative Study of the Content of some Microelements in the Soil of the Mouradia Agricultural Project in Babil Governorate	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Merzah L.H., Ali N.A.-L.	Different Diets of Maca Roots (Lepidium meyenii) Affect Several Physiological Blood Characteristics of Broiler Chickens under Oxidative Stress	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Merhij M.Y., Al-Khafaji H.M.K.	Effect of Different Levels of Soil Salinity on Vegetative Growth Indicators of Four Genotypes of Broad Bean Vicia faba L.	2023	IOP Conference Series: Earth and Environmental Science	1259	1

Ali N.A., Hussein J.Q.	Effect of Pinching, Paclobutrazol and Kinetin on the Growth and Flowering of Cassia Occidentalis	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Hasoon M.A., Mohmed A.S., Kadhim J.H.	Green Synthesis of Silver Nanoparticles by Cardaria draba and Evaluation of its Insecticidal Effect on Schizaphis graminum	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Atab H.A., Al-Ubori R., Aboohanah M.A.	Response Growth and Yield of Three Broad Bean Cultivars (Vicia faba L.) to Spraying with Different Concentrations of Salicylic Acid under Saline Soil Conditions	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Al-Janabi Q.A.A., Hamed L.N., Ibraheem A.K.	Effects of Nano-Fipronil on Male Rats' Biochemical, Liver, and Renal Functions	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Al-Musawi M.H.K.	Effect of Growth Regulator (ATONIK) and Zn-Nano-Fertilizer on Sweet Pepper (Capsicum Annuum L.)	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Al-Jubouri M.O., Obead W.F., Salman S.A.	A First Record of Sphingobacterium thalpophilum Isolated from Coptodon zillii and Oreeochromis aureus in the Al-Diwaniya River/Iraq	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Mansoor H.N., Jeber B.A., Atab H.A., Merhij M.Y.	Response of Three Barley Cultivars Hordeum vulgare L. to Water Stress under Field Conditions	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Atab H.A., Aboohanah M.A., Al-Ubori R.	Effect of Salicylic Acid Spraying on Physiological and Enzymatic Characteristics of three Broad bean Cultivars under Saline Soil Conditions	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Kazem S.M.H., Al-Khafaji F.R.	Effect Add Different Concentrations of Organic, Inorganic, and Nano-Selenium to Diet of Broiler Chickens (Ross 308) that Exposed to Heat Stress on Certain Productive Traits	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Nayyef M.T., Al-Wotaify A.S.S.	Evaluation of the Readiness of NPK Elements for the Soils of the Mouradia Agricultural Project in Babil Governorate	2023	IOP Conference Series: Earth and Environmental Science	1259	1

Alkhlafawi A.M.K., Al-Taey D.K.A., Al-Janabi H.J.K., Al-Jassani N.A.A.,	Innovative Soil, Water and Plant Management Promoting Sustainable Agriculture and Environments :A Review	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Merhij M.Y., Al-Khafaji H.M.K.	Parameters in Yield Traits and Components of Four Genetic Structures of Broad Bean under the Influence of Different Levels of Soil Salinity	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Al-Robai H.A., Shaker A.M.	Effect of Different Crude Oil Levels on A bioavailability of Some Heavy Metals in Two Different Texture Soils	2023	IOP Conference Series: Earth and Environmental Science	1259	1
Generowicz N., Abd A.A., Othman M.R., Kowalczyk-Juśko A.,	An introduction to biogas and biomethane	2023	Biogas to Biomethane: Engineering, Production, Sustainability		
Mosa A.H., Badawi N.M., Hussein Z.S., Mohammed A.J.	Molecular detection of equine infectious anemia viruses using conventional PCR and primer design for virus gag-gene region in the middle Iraqi provinces	2023	Bionatura	8	CSS3
Alwan I.A., Al-Wasmee A.K.K., Al-Jubouri M.O.	Isolation and identification of bacteria from Coptodon zillii (Gervais, 1848) and study of some virulence factors in Al-Diwaniya River/middle of Iraq	2023	Bionatura	8	4
Jubier A.R., Ail M.T.	The effect of agricultural exploitation and physiographic location on the soil particle size distribution for soils in Diyala Governorate	2023	Bionatura	8	4
S., Khan S.A., Al-Shuhaib J.M.B., Chen Y.-K., M. Alshabrm F.	Hemagglutinin 3 and 8 can be the most efficient influenza subtypes for human host invasion; a comparative in silico approach	2023	Journal of Biomolecular Structure and Dynamics		
Al-Janabi A.I.H., Naje A.S.	Removal of Hydrocarbons from Wastewater by Chlorella vulgaris and Observation of the Biochemical Effects on the Algae	2023	Ecological Engineering and Environmental Technology	24	9
Al-Kaabi N.A.B.M., Al-Rikaby R.S.A., Alkaabawi N.A.M.	MOLECULAR DETECTION AND PREVALENCE STUDY OF Neospora Caninum ISOLATED FROM BLOOD OF ABORTED COWS IN BABYLON PROVINCE OF IRAQ	2023	Online Journal of Animal and Feed Research	13	5

Khafaji S.S., Khafaji R.S.	Effects of Coriander (<i>Coriandrum sativum</i> L.) leaf and seeds on biochemical and hematological feature	2023	IOP Conference Series: Earth and Environmental Science	1241	1
Hussein M.J., Mohammed K.A., Naser F.H.	Assessment of excavation slurry produced clayey mineral from the Bahr Al-Najaf region	2023	Pollack Periodica		
Al-Kaissy G.A., Jawad H.S.A., Ali N.A.-L., Al-Timimi I.H.	Protein Replacers in Poultry Diets	2023	Bionatura	8	2
Al Ubori R.S., Obaid A.A.	Study of the seed's quality and vitality from tillers in some Iraqi wheat cultivars	2023	Bionatura	8	2
Al-Shammari A.H.R., Al-Janabi A.I.H.	<i>Chlorella vulgaris</i> has been used in the biological treatment of some pollutants and heavy metals in municipal wastewater	2023	Bionatura	8	2
Al-Zubaidi H.A.M., Alquzweeni S.S., Al-Khalaf S.K.H., Naje A.S.	An Innovative Interaction between Organo-Kaolinite and Methyl Orange for Industrial Wastes Removal – A Kinetic Investigation and Modeling	2023	Ecological Engineering and Environmental Technology	24	8
Naser F.H., Naser M.H., Hussein M.J., Almamoori A.H.N.	Mechanical properties and flexural behaviour of green light weight concrete beams exposure to salty soils	2023	IOP Conference Series: Earth and Environmental Science	1232	1
Alaamer S.A., Alsharifi S.K.A.	Levelling machines and its effect on the growth characteristics and productivity for two corn cultivars	2023	Bulgarian Journal of Agricultural Science	29	3
Musafer K.N.J., Rava M., Al-Shuhaib M.B.S.	Genetic screening for pathogenic variants in type 2 diabetes of the Arab Gulf population: A systematic review and meta-analysis	2023	International Journal of Diabetes in Developing Countries		
Khlaif A.T., Abdulhay H.S.	Polyethylene Degradation by Plastivores Greater Wax Worms Larvae (<i>Galleria mellonella</i>) [حلل البولي اثيلين بواسطة يرقات ديدان الشمع (<i>mellonella Galleria</i>)]	2023	Iraqi Journal of Science	64	5

Jabbar Z.A.H., Ali H.A., Ali R.A., Alrufaie M.M.M.	Association of serum level of interleukin-33 and insulin resistance in overt and subclinical hypothyroidism patients	2023	Journal of Advanced Biotechnology and Experimental Therapeutics	6	3
Mohammed M.J., Alkanan Z.T., Abdulrahman S.H.,	Bioactive compounds of Citrullus colocynthis aerial parts: characterization and biological properties	2023	Plant Biosystems	157	6
Mobark H.F.H., Fadhel E.Z., Hussein M.T., Mohamad B.	EXPERIMENTAL STUDY OF NANO-COMPOSITE MATERIALS ON VIBRATION RESPONSES	2023	Diagnostyka	24	3
Alaamer S.A.I., Mueen A.S., Al-Murshidy A.H., Alsharifi S.K.A.	Effect of Organic Fertilizer Extract on Morphological Characteristics for Bread Wheat	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Al-Zarfi M.A.H., Hasan S.T.	Effect of Adding Whole Milk, Milk Protein Concentrate and Transglutaminases on the Rheological and Nutritional Properties of Local Wheat Flour	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Rasham H.D., Mulakhudair A.R., Al- Saadi J.M.S.	Applying of Microcapsulated Probiotics via Calcium and Zinc Salts into Yoghurt and Study its Chemical, Microbiological and Sensory Properties	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Al-Shara S.H.J., Al-Saraj A.F.M., Al-Saadi J.M.S.	Study of the Chemical and Rheological Properties to the Food Bars Manufactured from Milk Proteins	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Khafaji H.M., Al-Saadi J.M.S.	Preparation of Calcium-Milk Coagulum from Buffalo Milk and Study its Chemical, Sensory and Rheological Properties	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Ajmi N.M., Kheiralipour K., Alwan Alsharifi S.K., Alaamer S.A.	Influence of Husking Machine Type, and its Clearance on the Factory Rice, Mashkhab (M-33) Cultivar	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Al-Deliamy A.O.A., Ameer M.A.A.	Effect of Plant Metabolism and Fertilizer Type in the Production of Root Exudates under the Influence of Root Mechanical Stress	2023	IOP Conference Series: Earth and Environmental Science	1225	1

Lafta Hzaa A.Y., Malallah Alkanan I., Radhi Sahib M.	Morphological and Molecular Characterization of Five Cultivars of Ziziphus spp. Cultivated in Southern Iraq	2023	Bionatura	8	1
Jassim F.H., Mulakhudair A.R., Shati Z.R.K.	Improving Nutritional and Microbiological Properties of Monterey Cheese using Bifidobacterium bifidum	2023	IOP Conference Series: Earth and Environmental Science	1225	1
Obaid A.J., Al-Mawlah Y.H., Judi H.K., Al-Saadi A.H.	Genetic polymorphism detection of interleukin-10 (-1082 A/G) gene in hepatitis B patients	2023	Journal of Biotech Research	15	
Bedrani D.I.J., Al-Saadi J.M.S., Kadhim D.H., Saadi A.M.	Improving chemical, rheological and sensory properties of commercial low-fat cream by concentrate addition of whey proteins	2023	Journal of Applied and Natural Science	15	3
Al-Hilli Z.B.	Evaluation of the Antibacterial Effect of the Prepared Graphene Oxide Nanosheets	2023	Bionatura	8	1
Checkor N.H., Jawad M.J., Ghanimi H.A., Jassim A.M., Abass H.T.,	Evaluation of the analgesic activity of new derivatives of aryl propionic acid on gastric male mice	2023	Bionatura	8	1
Al-Jaryan I.L., Al- Thuwaini T.M., Al- Jebory H.H.	Heat Shock Protein 70 and Its Role in Alleviating Heat Stress and Improving Livestock Performance	2023	Reviews in Agricultural Science	11	
Al-Sultani K.H.F., Al-Sadi M.A.K.H.	Risk Assessment of some Radioactive Nuclei in Al-Shomali Bricks Factories, Babil Governorate, Iraq	2023	IOP Conference Series: Earth and Environmental Science	1223	1
Oda A.M., Khudheyer F.Y., Obaid E.K.	Photocatalytic Decolorization of Crystal Violate Dye Solution by ZnO/MWCNT Nanocomposite	2023	Iraqi Journal of Science	64	8
Abbas F.H., Almohamadi M., Hasan M.A., Alkhafaji M.A.,	A Multi-Objective Optimization for enhancing the efficiency of Service in Flying Ad-Hoc Network Environment	2023	EAI Endorsed Transactions on Scalable Information Systems	10	5

Al-Fatlawi Z.H., Jabbar M.K.	DROUGHT-TOLERANT OSCIPK GENES IN LOCAL AROMATIC RICE CULTIVARS	2023	Sabrao Journal of Breeding and Genetics	55	4
Aubied I.A., Al-Janabi A.M.I., Alkhafaji Z.A.H.	EFFECT OF NPK FERTILIZATION AND LEAF/BUNCH RATIO ON FRUIT YIELD AND QUALITY OF KHASTAWI DATE PALM	2023	Sabrao Journal of Breeding and Genetics	55	4
Jasim A.H., Radhi N.S., Kareem N.E., Al-Khafaji Z.S., Falah M.	Identification and investigation of corrosion behavior of electroless composite coating on steel substrate	2023	Open Engineering	13	1
S., Khan S.A., Hashim H.O., Obayes D.H., Al-Shuhaib J.M.B.	Masoprocol: a promising candidate for targeting insulin resistance by inhibiting resistin with optimal druglikeness Potentials: an in silico approach	2023	Journal of Biomolecular Structure and Dynamics		
Majhool A.A., Sabeeh Hasan I., Adil M., Mahmood Saeed S.,	New MCRs: Preparation of Novel Derivatives of Pyrazoloazepines in Ionic Liquid and Study of Biological Activity	2023	Polycyclic Aromatic Compounds		
Alshkarchy S.S., Al-Niaaem K.S., Attee R.S.	Assessment of Valerian (Valeriana officinalis) on Common Carp, Cyprinus carpio: Anesthesia	2023	IOP Conference Series: Earth and Environmental Science	1215	1
Shetti Saad H., Al-Shawk E.H.	Study the Effect of Some Medicinal Herbs on the Level of Cholesterol in the Blood	2023	IOP Conference Series: Earth and Environmental Science	1214	1
Ali M.J., Mohmed A.S., Al-Khaldy R.A.A.	Identification of Phytochemicals in Myrtus communis L. Extract by GC-Mass and their Effectiveness in the Green Synthesis of ZnO Nanoparticles	2023	IOP Conference Series: Earth and Environmental Science	1215	1
Al-Waeli F.K.M., Al-Khayyt B.S.M.	Response of Olive Seedlings (Olea europaea L.) Manzinilo Cultivar to Spraying with Potassium Silicate and Ascorbic Acid	2023	IOP Conference Series: Earth and Environmental Science	1214	1
Harbawy K.A.M., Allela W.B.A., Al-Sabawy M.M.S., Ibraheem	Response Growth and Yield of Three Cucumber Hybrids (Cucumis sativus L.) to Nano Fertilizer N20P20K20 under Protected House	2023	IOP Conference Series: Earth and Environmental Science	1213	1

Al-Deliomy A.O.A., Abdul-Ameer M.A.	The Allelopathic Effect of Root Exudates of Mungbean and Maize Plants Affected by Metabolic, Fertilizer and Mechanical Stress Factors on some Indicators of Germination of Cowpea Seeds	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Al-Wardi M.E.Z., Abbas S.H., Musa A.-K.J.	Genetic Path Coefficient Analysis of Genotypes of Rice (<i>Oryza sativa</i> L.) Grown in Iraqi Conditions	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Hilo B.R., Ali B.A.A., Jasim H.M.	Effect of Foliar Fertilization with Humic Acid and Garlic Extract on Growth and Yield of Broccoli and its Content of some Secondary Metabolites	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Rahim R.W.A., Manea A.I., Al-Anbagi R.A.A.	Techniques of Arbuscular mycorrhiza as a Biofertilizer and an Anti-Transpiration for Promoting Plant Growth and Fruit Chemical Features of Pepper	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Hussain A.J., Al-Taey D.K.A., Kadhum H.J.	Biochar Application Increases the Amount of Nitrogen, Phosphorus and Potassium in the Soil: A Review	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Al-Wardi M.E.Z., Abbas S.H., Musa A.-K.J.	Estimation of Selection Indexes and some Genetic Parameters in the Genotypes of the Rice Crop <i>Oryza sativa</i> L.	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Al-Hello H.A., Jubier A.R.	Evaluation and Determination of the Best Irrigation Methods Suitable for the Agricultural Lands of Abu Gharq in Babylon	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Al-Mosawy R.J.A., Hasan A.M.	Effect of Spraying with Salicylic Acid and Okra Plant Extract on the Growth and Yield of Baashiqi Olive Trees	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Al-Masoudi Z.A.A.-A., Al-Kafaji F.R.A.	Effect of Adding Annatto Seed Powder (<i>Bixa orellana</i>) and Astaxanthin to the Diet in some Physiological Traits of Broiler (Ross-308)	2023	IOP Conference Series: Earth and Environmental Science	1213	1
Al-Khafagi K.F.H., Al-Wardy M.I.Z., Kadim H.A.A.-M.	Effect of Foliar Potassium on Maize Yield (<i>Zea mays</i> L.)	2023	IOP Conference Series: Earth and Environmental Science	1213	1

Alwan I.H., Aljubouri T.R.S., Al-Shuhaib M.B.S.	A Novel Missense SNP in the Fatty Acid-Binding Protein 4 (FABP4) Gene is Associated with Growth Traits in Karakul and Awassi Sheep	2023	Biochemical Genetics		
Hussain T.H., Alwan A.S., Al-Shammari A.J., Hashim T.M., Naje A.S.	Degradation and Microstructure of Palmdate Fibers-High Performance Cementitious Boards Exposed to Aging Conditions	2023	Key Engineering Materials	951	
Hussein A.J., Abdulazeem L., Alwaeli A.Z., Al-Mawlah Y.H.	Role of some serological markers in evaluation COVID-19 infection severity	2023	Journal of Biotech Research	15	
Muhisn Z.A.A., Hamid S.A., Noori A.S., Muhisn S.A.	Cloud Computing Services in Higher Education in Iraqi Universities	2023	International Journal of Intelligent Systems and Applications in Engineering	11	6s
U.A., Mahmoud A.S., Chabuk A., Naje A.S., Al-Ansari N., Laue J.	Implementation of the Quality and Creating GIS Maps for Groundwater in Babylon, Iraq	2023	Journal of Ecological Engineering	24	8
Abdulhasan M.J., Raheem S.A., Alwared A.I., Mohammed N.A.,	Optimization of Response Surface Methodology for Removal of Cadmium Ions from Wastewater using Low Cost Materials	2023	Journal of Ecological Engineering	24	8
Jassim A.A., Mohmed A.S., Al-Khaldy R.A.A.	Effect of different rates of Axial herbicide on growth vegetative of Barley and associated weed	2023	Bionatura	8	2
Al-Khakani E.T., Hamid H.M.	Monitoring land cover dynamics utilizing a change vector analysis approach: a case study of al Najaf Province, Iraq	2023	Kuwait Journal of Science	50	1 B
Jawdhari H.A., Abdullah A.A.	New Security Mechanism of Health Data Based on Blockchain–NFV	2023	Communications in Computer and Information Science	1764	CCIS
Al-Jaryan I.L., Al-Thuwaini T.M., Merzah L.H., Alkhammas A.H.	Reproductive Physiology and Advanced Technologies in Sheep Reproduction	2023	Reviews in Agricultural Science	11	

Kzar H.H., Al-Gazally M.E., Hamza T.A., Hasan M.K., Al-Dhalimy	Oral Nano-Delivery Systems for Colon-Targeted Drug Delivery of Traditional Chinese Medicine in Ulcerative Colitis	2023	Bionatura	8	2
Al-Bahathy I.A.A., Al-Janabi Z.Z., Al-Ani R.R., Maktoof A.A.	Application of the Water Quality and Water Pollution Indexes for Assessing Changes in Water Quality of the Tigris River in the South Part of Iraq	2023	Ecological Engineering and Environmental Technology	24	5
Abdulhadi E.N., Ali N.A.-L.	Chenopodium quinoa seed powder to the diet and vitamin C to drinking water on some biochemical traits of blood serum to broilers Ross 308	2023	Bionatura	8	2
E.F., Neama E.D., Hadi S.J., Kzar H.H., Al-Azawi R.S.A., Kadhim Z.H.,	Investigation of the PON1(C>T rs705379) SNP and its Correlation with Physiological Adiponectin Levels in Insulin Resistance T2D Patients Induced by Obesity	2023	International Journal of Chemical and Biochemical Sciences	23	1
Lawi Z.K., Alkhammas A.H., Elerouri M., Amara I.B., Al-Shuhaib M.B.S.	TRANSCRIPTASE (TERT) GENE ARE ASSOCIATED WITH IRAQI PATIENTS WITH LUNG CANCER [DVA KO-NASLEĐENA SNPS GENA TELOMERAZA REVERZNE TRANSKRIPTAZE (TERT) KOJA SE DOVODE U	2023	Journal of Medical Biochemistry	42	
Shi X., Ke S., Li Y., Hu C., Zwain H.M., Gu J., Chunyun Z., Li A.,	Climate Change Critique on Dams and Anthropogenic Impact to Mediterranean Mountains for Freshwater Ecosystem-a Review	2023	Polish Journal of Environmental Studies	32	4
Nasser A.O., Kareem S.L.	Removal of Congo red from aqueous solution using lemon peel-Fe ₃ O ₄ nanocomposite adsorbent	2023	Biomass Conversion and Biorefinery		
Hadi M.Y., Al-Sa'ad A.A.	NUCLEAR STRUCTURE OF PROTON-RICH 20–23Mg ISOTOPES	2023	Acta Physica Polonica B	54	1
Kadhim M.J., Hasson S.O., Al-Janabi H.S.	Association Between Gonococcal Infection and a Common Genetic Deletion in Sperm Mitochondrial	2023	Journal of Pure and Applied Microbiology	17	2
Al-Azawei A., Abdullah A.A., Mohammed M.K., Abod Z.A.	Predicting Online Learning Success Based on Learners' Perceptions: The Integration of the Information System Success Model and the Security Triangle Framework	2023	International Review of Research in Open and Distance Learning	24	2

Thuwaini T.M., Al-Shuhaib M.B.S., Khazaal N.M.	Association of Novel C319T Variant of PITX2 Gene 3'UTR Region With Reproductive Performance in Awassi Sheep	2023	Bioinformatics and Biology Insights	17	
W.J., Al-Shuhaib M.B.S., Merzah L.H., Mohammed R.G., Rhadi	A Novel c.100C > G Mutation in the FST Gene and Its Relation With the Reproductive Traits of Awassi Ewes	2023	Bioinformatics and Biology Insights	17	
Al-Mayah Q.S., Umayra A.N., Hassan J.S.	Association of TNF- α -308G/A Gene Polymorphism with Coronavirus Disease-19 Severity	2023	Medical Journal of Babylon	20	1
Hameed I.A., Rahman H.A.J.A., Anmar A.	Study of the Variations in the Vertical and Horizontal Distribution of Heavy Sand Minerals in the Hilla River Sediments	2023	Journal of Ecological Engineering	24	7
Mohammed R.J., Suliman A.A.	Land Suitability Assessment for Wheat Production Using Analytical Hierarchy Process and Parametric Method in Babylon Province	2023	Journal of Ecological Engineering	24	7
Mohammed M.A., Al-Ansari N.A., El Hajj Hassan S., Karaki N.A., A	Preface	2023	IOP Conference Series: Earth and Environmental Science	1158	1
Alaamer S.A., Alwan Alsharifi S.K., Al-Sultani A.T.K.	Effect of Subsurface Drip Irrigation System and Two Levels Nitrogen Fertilizer on Corn Growth and Yield	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Hasoon M.A., Mohmed A.S., Kadhim J.H.	Detection of some Resistance Genes of Schizaphis graminum (Rondani) in some Wheat Cultivars using DNA Marker	2023	IOP Conference Series: Earth and Environmental Science	1158	7
Hadi T.A.K.A., Jubeir A.R., Hussain M.A.	Spatial Variability of Some Soil Microorganisms	2023	IOP Conference Series: Earth and Environmental Science	1158	2
A.K., Mahmood S.S., ALTaey D.K.A., Al-Tawaha A.R., Al-Tawaha	Using Clean Alternatives and Reducing Reliance on Chemical Fertilizers Added to Soil to Achieve Agricultural Sustainability (Review Article)	2023	IOP Conference Series: Earth and Environmental Science	1158	2

Kaht O.N., Al-Khafaji H.M.K.	Application of RAPD Parameters to Estimate the Genetic Dimension of Sunflower Genotypes	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Omid A., Mehdizadeh M., Al-Taey D.K.A.	The Application of Remote Sensing Technologies for Enhancing Agroecosystems Performance	2023	IOP Conference Series: Earth and Environmental Science	1158	2
Jabbar M.K., Al-Fatlawi Z.H.	The Connection between Molecular Indicators and Morphological Traits in Plants and Other Organisms by using A Special Indicator	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Al-Ubori R., Al-Lami O.A.J.	Effect of Planting Date and Spraying with the Physiological Stimulant (Appetizer) on the Growth and Yield of Wheat (<i>Triticum aestivum</i> .L)	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Abd H.A., Abbas S.H., Al-Zubaidy S.A.A.-H.	Effect of Different Levels of Bio Fertilizer on Growth and Yield of Sorghum Genotypes	2023	IOP Conference Series: Earth and Environmental Science	1158	6
AbdulKadium S.M., Al-Janabi H.Y.A.	Effect of the Addition of Selenium and some Competing Anions on Selenium Concentration in Maize Growing in some Soils in Central Iraq	2023	IOP Conference Series: Earth and Environmental Science	1158	2
Sachet D.O., Al-Tememe M.S.O., Hussain M.A.	Comparative Study of the Effect of Biological and Chemical Fertilization on some Growth Characteristics of Wheat Crop <i>Triticum aestivum</i> L.	2023	IOP Conference Series: Earth and Environmental Science	1158	2
Muslim D.A., Al-Shareefi M.J.H., Alazawi S.S.M.	Effect of Salicylic Acid and Nano-Silicon on the Enzymatic Activity for Potato Shoots Grown under Salt Stress in Vitro	2023	IOP Conference Series: Earth and Environmental Science	1158	10
Jabbar A.S., Mohamed A.S., Hussein A.M.	Mycosynthesis of Silver Nanoparticles and Evaluation as Insecticidal Against the Sunn Pest <i>Eurygaster testudinaria</i> in Vitro	2023	IOP Conference Series: Earth and Environmental Science	1158	7
Saleh T.M., Jubeir A.R., Al-Tememe M.S.O.	The Role of Geographic Information Systems (GIS) in Soil Surveying and Classification	2023	IOP Conference Series: Earth and Environmental Science	1158	2

Muslim D.A., Al-Shareefi M.J.H., Mahmoud S.S.	Effect of Salicylic Acid and Nano Silicon on the Morphological Traits of Potato Shoot Grown in Vitro under Salt Stress	2023	IOP Conference Series: Earth and Environmental Science	1158	10
Jafaar A.A., Abdulrasool K.J.	Effect Different Levels of Organic Fertilizer and Agricultural Sulfur on the Growth and Yield of Potato Solanum tuberosum L.	2023	IOP Conference Series: Earth and Environmental Science	1158	2
Al-Kraiti H.G.A., Al-Bahadly H.A.H., Hadi Z.S.C., Sachit D.K.	Identification of the Active Compounds in Roselle (Hibiscus sabdariffa L.) by GC MS Technique under the Effect of Foliar Nutrient with Nano Organic Fertilizer	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Al-Lami O.A.J., Al-Ubori R.	Impact of Planting Date and Physiological Activator (Appetizer) Application on Quality and Quantity of Wheat Grains (Triticum aestivum.L)	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Safi S.M.A., Hammood W.F., Al-Khaldy R.A.A.	Response of Barley Cultivars to Weed Control with Herbicides and Datura Leaf Extract and Its Reflection on Growth Indicators	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Jassim F.H., Mulakhudair A.R., Shati Z.R.K.	Improving Nutritional and Microbiological Properties of Monterey Cheese Using Lactobacillus acidophilus	2023	IOP Conference Series: Earth and Environmental Science	1158	11
Al-Kareem Hamed M.A., Al-Quraishi A.R.J.	Variation of the Particle Size Distribution for the Soil in the Middle Euphrates Regions	2023	IOP Conference Series: Earth and Environmental Science	1158	2
Al-Quraishi M.A.B., Nayef M.N.	Effect of Water Stress and Nano Selenium on Growth and Multiplication of Strawberry Shoots (Fragaria X ananassa Duch) in Vitro	2023	IOP Conference Series: Earth and Environmental Science	1158	10
Hammood W.F., Al-Khaldy R.A.A., Safi S.M.A., Al-Azawi N.M.	Impact of Some Herbicides on Growth Indicators of Some Wheat Cultivars and Weight of Companion Weeds	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Al-Mohammad M.H.S., Al-Dulaimi Z.S., Sachet T.F.K.	Effect of Planting Date and Nitrogen Fertilizer in Growth, Yield Components and Oil Content of some Fatty Acids in Borage Seeds	2023	IOP Conference Series: Earth and Environmental Science	1158	6

Alkhafagi H.H.A., Alnuaimi J.J.J.	Response of Cultivars of Maize (Zea mays.L) to Silicon under the Influence of Water Stress	2023	IOP Conference Series: Earth and Environmental Science	1158	6
Mahmoud R.K.	The Use of Bio-Manufactured Nano-Zinc from Bacillus cereus in the Control of Dreshslera oryzae Fungus	2023	IOP Conference Series: Earth and Environmental Science	1158	7
Al-Dulaimy A.F.Z., Alalaf A.H., Al-Hayali R.E.Y., Al-Taey D.K.A.	Flowers and Fruits Abortion in Fruit Trees ... Causes and Solutions: A review	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Al-Rubaye A.H., Jasim D.J., Ameen H.F.M., Al-Robai H.A., Al-Assal J.R.	The Impacts of Petroleum on Environment	2023	IOP Conference Series: Earth and Environmental Science	1158	3
Al-Sadi M.A.K.H., Kadhim I.H.	The Background Radiation for the Soil Samples Selected from Al-Kafel Area-Babylon Governorate, Iraq	2023	IOP Conference Series: Earth and Environmental Science	1158	3
Khalil H.Y., Ismail M., Kazem Z.	Response of Papaya Seedlings to Foliar Application of Tryptophan and Agazone on some Growth Parameters	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Ismael Z.A., Mijwel A.K., Alshuwaili F.R.H.	Studying the Effect of Field Capacity on Some Growth Indicators for A Number of Local Genotypes of Snake Melon(Cucumis melo var. flexuosus, Faqqous)	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Maola M., Ayied S., Jaber M.	The Role of Sodium Chloride, Putrescine, and Melatonin on the Chemical Markers of Green Beans	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Al-Jalihawi W.F.H., Ali T.J.M., Nayef M.N.	Comparative Study between the Growth Regulators Benzyl Adenine (BAP) and Thydizoronate (TDZ) and Nano Iron in the Growth and Multiplication of Citrumelo Shoots in Vitro	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Maola M., Jaber M., Ayied S.	The Impact of Salinity, Putrescin, and Melatonin Interactions on Green Bean Vegetative Indicators	2023	IOP Conference Series: Earth and Environmental Science	1158	4

Mahdi R.S., Ibadi Manea A., Aubied I.A.	Effect of Bio-Fertilizer and Potassium Spraying on the Growth and Yield of Potatoes for Autumn Season	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Alshwaili N.S., Mijwel A.K., Jasman A.K.	Bio Removal of Heavy Metals from Soil and Plants Treated with Sludge	2023	IOP Conference Series: Earth and Environmental Science	1158	3
Al-Assal J.R., Al-Rubaye A.H., Al-Robai H.A.	Using Sodium Dodecyl Sulfate (SDS) and CO ₂ as Environmentally Friendly Method for Reducing Residual Oil Saturation	2023	IOP Conference Series: Earth and Environmental Science	1158	3
Alshwaili N.S., Mijwel A.K., Jasman A.K.	Effect of Fertilizing with Sludge and Two Strains of PGPB Bacteria on Improving Growth and Yield of Broccoli	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Howeidi M.A.R., Manea A.I., Slomy A.K.	Effect of Bio-Fertilizer and Banana Peel Extract on the Vegetative Traits and Yield of Carrot Plants	2023	IOP Conference Series: Earth and Environmental Science	1158	4
Al-Masoudi Z.A.A.-A., Al-Kafaji F.R.	Effect of Adding Annatto Seed Powder (<i>Bixa orellana</i>) and Astaxanthin to the Diet in the Productive Performance of Broilers (Ross-308)	2023	IOP Conference Series: Earth and Environmental Science	1158	5
Shuhaib M.B.S., Kadhem A.F., Alkhammas A.H.	A Missense p.Q>R234 Mutation in the Osteopontin Gene Is Associated With the Prolificacy of Iraqi Awassi Ewes	2023	Bioinformatics and Biology Insights	17	
Abdulazeem L., Ali Z.H., Muttaleb W.H., Kzar M.H., Naje A.S.	A Healthy Environmental Evaluation Study of the Antibacterial Activity of Polyethylene Oxide Against Some Bacteria Isolated from Azo Dyes	2023	Ecological Engineering and Environmental Technology	24	4
Al-Keriawy H.A.H., Al-Kalidy S.K.A.A.	Environmental Assessment of Copepod Biodiversity Community – A Case Study of Hilla River in Iraq	2023	Ecological Engineering and Environmental Technology	24	4
Al-keriawy H.A.H., Nehaba S.S., Alwan S.W.	Environmental Risk Assessment of Heavy Metals in Selected Medicinal Herbs and Spices	2023	Journal of Ecological Engineering	24	6

Hassan D.F., Ati A.S., Naima A.S.	UNDER DIFFRENT IRRIGATION AND CULTIVATION METHODS AND THAIR EFFECT ON WATER CONSUMPTION [حت ط ا رثق ري وز ارعة] [تقييم اداء برنامج AquaCrop مختلفة وتأثيرها في الاستهلاك المائي]	2023	Iraqi Journal of Agricultural Sciences	54	2
T.M., Alameley M., Jeddoa Z.M.A., Mousa R., Al-Dawmy F., Atallah	traits in crossbred dairy cows [Associação do polimorfismo do gene Kappa-caseína com características de produção de leite em vacas leiteiras mestiças]	2023	Ciencia Animal Brasileira	24	
Noni G.B., Jbar A.K., Almaliki S.M.J.	The impact of the type of bacterial inoculant used and the application method on corn growth and yield (Zea Mays L.)	2023	Bionatura	8	1
Alzamili A.S.A.-H., Al-Bedrani D.I.J.	THE ROLE OF INULIN AS A FAT REPLACER IN THE LOW-FAT OSHARI-LIKE CHEESE PHYSICOCHEMICAL, TEXTURAL AND SENSORY PROPERTIES	2023	Journal of Hygienic Engineering and Design	42	
Sultani H.R.A., Hussain M.H.	EXTRACTION OF FIBER FROM APPLE PEELS AND POMACE TO FORTIFY THE YOGHURT PRODUCT AND ITS USE FOR DIABETIC PATIENTS AND WEIGHT LOSS	2023	Journal of Hygienic Engineering and Design	42	
Lin Y.-C., Altimari U.S., Alnassar Y.S., Mohammed B.M.,	Removal of Formaldehyde from Aqueous Solution Using Low-cost and Reusable Adsorbents	2023	Physical Chemistry Research	11	4
Alkaisy Q.H., Al-Bedrani D.I.J., Kadhim D.H., Saadi A.M.	EFFECT OF SHEEP'S MILK ENRICHMENT WITH DRIED OYSTER MUSHROOM (PLEUROTUS OSTREATUS) POWDER IN YOGURT QUALITY CHARACTERISTICS	2023	Journal of Hygienic Engineering and Design	42	
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Harith I.K., Abdulhadi A.M., Majdi A.	Improvement of clay brick masonry bonding using polyurethane foam mortars with blended cement	2023	Sustainable Building Technology and Urban Development	14	1
Aljubouri T.R.S., Al-Shuhaib M.B.S.	A missense SNP in the proopiomelanocortin (POMC) gene is associated with growth traits in Awassi and Karakul sheep	2023	Animal Biotechnology	34	9

A.H., Abed A.M., Ali M.H., Samal A., Talib H.A., Islam Z., Mustafa	The Relationship between Emotional Intelligence and Academic Achievement among the Students of Trisakti University, Indonesia	2023	International Journal of Body, Mind and Culture	10	1
Saad F.N.N., Al-Imari J.M., Habbeb M.S., Azoz M.A.	Genetic Polymorphisms of NOD2 and ATG16L1 in Different Types of Digestive Tract Inflammation	2023	Archives of Razi Institute	78	1
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Al-Aseebee M.D.F., Naje A.S.	The Influence of Olive Oil Waste as a Biofuel on the Exhaust Gases of the Internal Combustion Engine	2023	Journal of Ecological Engineering	24	5
Al-Bedrani D.I.J., Alkaisy Q.H., Rahi A.K., Saadi A.M.	Evaluation of milk source on physicochemical, texture, rheological and sensory properties of yogurts	2023	Journal of Applied and Natural Science	15	1
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Al-Zarfy Z.H.A.H., Al-Bedrani D.I.J.	STUDY THE EFFECT OF ADDING ARABIC GUM AS A FAT REPLACER ON QUALITY CHARACTERISTICS OF LOW-FAT PROCESSED CHEESE	2023	Journal of Hygienic Engineering and Design	41	
Alkaisy Q.H., Rahi A.K.	DESIRABLE PHYSICAL AND RHEOLOGICAL PROPERTIES OF YOGURT PRODUCED WITH A TRADITIONAL STARTER COMPARED TO DIFFERENT COMMERCIAL STARTERS	2023	Journal of Hygienic Engineering and Design	41	
Alzamili A.S.A.-H., Al-Bedrani D.I.J.	STUDY THE IMPACT OF ADDING XANTHAN GUM AS A FAT REPLACER ON THE QUALITY CHARACTERISTICS OF LOW-FAT OSHARI-LIKE CHEESE	2023	Journal of Hygienic Engineering and Design	41	
Hussein M.A., Ahmed D.N., Kadhim A.S., Kareem S.L.	Effective W/O emulsion performance to extract the antibiotic cotrimoxazole from wastewater	2023	Desalination and Water Treatment	282	

Hashim Al-Khalaf S.K., Sabbar H.A., Al- Husseiny R.A., Naje A.S.	The Effect of Bentonite Utilization as a Chemical Coagulant on the Performance of a Water Treatment Plant	2023	Ecological Engineering and Environmental Technology	24	3
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Hadi S.J., Cababat F., Jalil A.T., Al-Charak A.G.H., Yasin G., Sultan	The Effect of Eucalyptus globulus Hydroalcoholic Extract on LH, FSH and Testosterone Concentrations and Sperm Morphology	2023	Archives of Razi Institute	78	1
Almansorri A.K., Al- Shirifi H.M.H., Al- Musawi S., Ahmed B.B.	Investigation of the Inhibition Activity of Aluminium Oxide Nanoparticles for Herpes Simplex Type 1	2023	Archives of Razi Institute	78	1
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May J., Li T., Han Q., Zhang Y., Sahib M.R., Downie A.B.	Alterations in Carbohydrate Quantities in Freeze-Dried, Relative to Fresh or Frozen Maize Leaf Disks	2023	Biomolecules	13	1
H., Mohammed N.K., Kadum H., Qasem J.M., Muhialdin B.J.	Food waste and its management in the foodservice sector of a developing economy: An exploratory and preliminary study of a sample of restaurants in Iraq	2023	Tourism Management Perspectives	45	
Akol A.M., Hamed M.S.	Effect of Depletion Levels of Available Water and PhosphatFertilization on Water Consumption and Yield of Lettuce	2023	Ecological Engineering and Environmental Technology	24	2
Al-Aseebee M.D.F., Akol A.M., Naje A.S.	Performance Evaluation of Tractor Engine Using Waste Vegetable Oil Biodiesel for Agricultural Purpose	2023	Ecological Engineering and Environmental Technology	24	2
A.H., Al-Thuwaini T.M., Al-Shuhaib M.B.S., Hussein T.H.	Association of bone morphogenetic protein 15 and growth differentiation factor 9 with litter size in livestock: a review study	2023	Acta Scientiarum - Animal Sciences	45	
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Bayraktar M., Durmuş M., Al-Shuhaib M.B.S.	Identification of two novel SNPs in the myocyte enhancer factor 2B (MEF2B) gene and its association with growth traits in two breeds of Turkish sheep	2023	Small Ruminant Research	218	
Al-Fatlawi Z.H., Farhood A.N., Mahdi S.A.A., Al-Tmime A.H.T.	Evaluation of seven different wheat cultivars for their resistance to drought in terms of growth indicators and yield	2023	Journal of Applied Biology and Biotechnology	11	1

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B.H., Issa M.A., Ammar S.H., Ebrahim S.E., Khadim H.J., Okab A.A.	Photocatalytic degradation of Congo red dye using magnetic silica-coated Ag2WO4/Ag2S as Type I heterojunction photocatalyst: Stability and mechanisms studies	2023	Materials Science in Semiconductor Processing	153	
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Mohsen A.M., Kadhim M.M., Alkaim A.F., Fakri Mustafa Y.	Fabrication and Characterization of Copper (II) Complex Supported on Magnetic Nanoparticles as a Green and Efficient Nanomagnetic Catalyst for Synthesis of Diaryl Sulfones	2023	Polycyclic Aromatic Compounds	43	5
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Hashim H.O., Al-Shuhaib J.M.B., Obayes D.H.	Artecanin of <i>Laurus nobilis</i> is a novel inhibitor of SARS-CoV-2 main protease with highly desirable druglikeness	2023	Journal of Biomolecular Structure and Dynamics	41	6