

Authors	Title	Year	Source title	Volume	Issue
Muhisn Z.A.A., Hamid S.A., Muhisn S.A., Omar M., Ahmad M.	The Influence of Knowledge Externalization in e-Learning Management System	2022	International Journal of Intelligent Systems and Applications in Engineering	10	3s
Al-Kadhim Z.M.A., Joda B.A., Al-Khalaf A.K.H.	A convenient green method to synthesize nanocellulose from edible fresh potato	2022	AIP Conference Proceedings	2547	
Al-Bedrani D.I.J., Mulakhudair A.R., Al-Saadi J.M.S.	Effect Of Sodium Pyrophosphate Addition To The Milk On Yogurt's Rheological Properties	2022	Egyptian Journal of Chemistry	65	13
Alabbas H., Huszák Á.	A New Gateway Selection Algorithm Based on Multi- Objective Integer Programming and Reinforcement Learning	2022	Infocommunications Journal	14	4
Mahmoud A.S., Mezaal M.R., Hameed M.R., Naje A.S.	A Framework for Improving Urban Land Cover Using Object and Pixel- Based Techniques via Remotely Sensed Data	2022	Nature Environment and Pollution Technology	21	5
Hashim Al-Khalaf S.K., Naje A.S., Al-Ridah Z.A., Zwain H.M.	Environmental Modelling of Ionic Mass Transfer Coefficient in a Unique Electrocoagulation Reactor	2022	Nature Environment and Pollution Technology	21	4
Yousif M.I., Radhi S.H., Auda S.A.	Evaluation of tap water quality and molecular identification of Escherichia coli O157 in Al-Kut City, Iraq	2022	Caspian Journal of Environmental Sciences	20	5
AL-Taey D.K.A., Alftlawi S.S.S., Sahib M.R.	EFFECT OF ZYTONIC-M, PALM WASTES COMPOST AND NPK ON THE GROWTH AND YIELD OF TOMATO UNDER SALT STRESS	2022	International Journal of Agricultural and Statistical Sciences	18	2

Jafaar A.A., Mohammed R.J., Hassan D.F.	EFFECT OF PHOSPHORUS FERTILIZER AND IRRIGATION LEVEL ON DESERT SOIL MANAGEMENT AND POTATO YIELD	2022	International Journal of Agricultural and Statistical Sciences	18	2
Fadhil I.A., Dakheel M.H.	Impact of BLG gene polymorphism on some ovine production traits reared in middle part of Iraq	2022	Caspian Journal of Environmental Sciences	20	5
Talib W.H., Mahmud A.I., Awajan D., Hamed R.A., Al-Yasari I.H.	Immunomodulatory, Anticancer, and Antimicrobial Effects of Rice Bran Grown in Iraq: An In Vitro and In Vivo Study	2022	Pharmaceuticals	15	12
Kadhim H.J., Al-Mumen H., Nahi H.H., Hamidi S.M.	Streptozotocin-induced Alzheimer's disease investigation by one-dimensional plasmonic grating chip	2022	Scientific Reports	12	1
Turki Jalil A., Alameri A.A., Iqbal Doewes R., El-Sehrawy A.A., Ahmad I., Ramaiah P., Kadhim M.M.,	Circulating and dietary advanced glycation end products and obesity in an adult population: A paradox of their detrimental effects in	2022	Frontiers in Endocrinology	13	
AL-Jaryan I.L., AL-Thuwaini T.M., Al-Jebory H.H.	Novel variants associated with adiponectin-related traits in Awassi ewes	2022	Beni-Suef University Journal of Basic and Applied Sciences	11	1
Al Oweidi K.F., Shahzad F., Jamshed W., Usman, Ibrahim R.W., El Din E.S.M.T., AlDerea A.M.	Partial differential equations of entropy analysis on ternary hybrid nanofluid flow model via rotating disk with hall current and	2022	Scientific Reports	12	1
Al Oweidi K.F., Jamshed W., Goud B.S., Ullah I., Usman, Mohamed Isa S.S.P., El Din S.M., Guedri	Partial differential equations modeling of thermal transportation in Casson nanofluid flow with arrhenius activation energy and	2022	Scientific Reports	12	1
Kadhim M.M., Alshamma F.A.	Glass laminate aluminum reinforced epoxy under non-proportional multiaxial fatigue loading: Experimental testing and	2022	Results in Engineering	16	

Raheem Lateef Al-Awsi G., Hadi Lafta M., Hashim Kzar H., Samieva G., Alsaikhan F., Ahmad I., Mahmood	PCSK9 pathway-noncoding RNAs crosstalk: Emerging opportunities for novel therapeutic approaches in inflammatory atherosclerosis	2022	International Immunopharmacology	113	
Hasson S.O., Judi H.K., Salih H.H., Al-Khaykan A., Akrami S., Sabahi S., Saki M., Al-Rubaie Z.A.	Intimin (eae) and virulence membrane protein pagC genes are associated with biofilm formation and multidrug resistance in	2022	BMC Research Notes	15	1
Lawi Z.K., Al-Shuhaib M.B.S., Amara I.B., Alkhammas A.H.	Two missense variants of the epidermal growth factor receptor gene are associated with non small cell lung carcinoma in the subjects	2022	Molecular Biology Reports	49	12
Kadhim A.S., Alazam A.H., Sahib N.F.	A hybrid lightweight security approach in internet of things for healthcare application	2022	Bulletin of Electrical Engineering and Informatics	11	6
Jasim S.A., Kzar H.H., Sivaraman R., Jweeg M.J., Zaidi M., Alkadir O.K.A., Fahim F.S., Aldulaim	Engineered Nanomaterials, Plants, Plant Toxicity and Biotransformation: A review	2022	Egyptian Journal of Chemistry	65	12
Margiana R., Markov A., Zekiy A.O., Hamza M.U., Al-Dabbagh K.A., Al-Zubaidi S.H., Hameed N.M.,	Clinical application of mesenchymal stem cell in regenerative medicine: a narrative review	2022	Stem Cell Research and Therapy	13	1
129-133.	PID: 15961201; Amini	A.R.	Laurencin	C.T.	Nukavarag
Suardi Wekke I., Heri Iswanto A., Majeed M.S., Awadh S.A., Samal A., Talib H.A., Islam Z., Fakri	Effect of Training Sessions on Awareness, Disease Management, and Quality of Life in Patients with Type 2 Diabetes	2022	Iranian Journal of War and Public Health	14	1
Hussein H.K., Aubead N.M., Kzar H.H., Karim Y.S., Amin A.H., Al-Gazally M.E., Ahmed T.I., Jawad	Correction to: Association of cord blood asprosin concentration with atherogenic lipid profile and anthropometric indices	2022	Diabetology and Metabolic Syndrome	14	1

Hussein H.K., Aubead M., Kzar H.H., Karim Y.S., Amin A.H., Al-Gazally M.E., Ahmed T.I., Jawad M.A.,	Association of cord blood asprosin concentration with atherogenic lipid profile and anthropometric indices	2022	Diabetology and Metabolic Syndrome	14	1
Muhialdin B.J., Filimonau V., Qasem J.M., Ibrahim S.A., Alqboory H.L.	Traditional fermented foods and beverages in Iraq and their potential for large-scale commercialization	2022	Journal of Ethnic Foods	9	1
Faris A.M., Zwain H.M., Hosseinzadeh M., Majdi H.S., Siadatmousavi S.M.	Start-up and operation of novel EN-MBBR system for sidestreams treatment and sensitivity analysis modeling using GPS-X simulation	2022	Alexandria Engineering Journal	61	12
Al-husseiny R.A., Ebrahim S.E.	Synthesis of nano-magnetite and magnetite/synthetic geopolymer nano-porous composite for application as a novel adsorbent	2022	Environmental Nanotechnology, Monitoring and Management	18	
Faris A.M., Zwain H.M., Hosseinzadeh M., Siadatmousavi S.M.	Modeling of novel processes for eliminating sidestreams impacts on full-scale sewage treatment plant using GPS-X7	2022	Scientific Reports	12	1
Al-Saeedi M.K.I., Al-Jebory H.H., Abood M.H.	Progress Phenotypic Traits of Hatched Chicks and Growth Indicators of Broiler Chicks Fed Embryonically with Zinc	2022	Archives of Razi Institute	77	6
Shamkhi Noor A., Essa Al-Mashhdani H., Hasan Kadhim A.	Effects of Grape Seed Powder on Productive Performance, Lipid Profile and Total Bacteria in Duodenum and Ceca of Broiler	2022	Archives of Razi Institute	77	6
Dahlan I., Wan Mazlan W.H., Mulkan A., Zwain H.M., Hassan S.R., Aziz H.A., Hasan H.Y.A., Zekker	Modeling of Batch Organic Dye Adsorption Using Modified Metal-Organic Framework-5	2022	Chemical Engineering and Technology	45	11
Kadhim H.J., Al-Mumen H., Nahi H.H., Hamidi S.M.	Tunable plasmon induced transparency in one-dimensional gold nano-grating as a new kind of neuro-transmitter sensor	2022	Optik	269	

Hasson S.O., Jasim A.M., Salman S., Akrami S., Saki M., Hassan M.A.	Evaluation of antibacterial and wound-healing activities of alcoholic extract of <i>Boswellia carterii</i> , in vitro and in vivo study	2022	Journal of Cosmetic Dermatology	21	11
Bayanati M., Al-Tawaha A.R., Al-Taey D., Al-Ghzawi A.L., Abu-Zaitoon Y.M., Shawaqfeh S., Al-Zoubi O.,	Interaction between zinc and selenium bio-fortification and toxic metals (loid) accumulation in food crops	2022	Frontiers in Plant Science	13	
Turky A.N., Thweni Q.N., Jassim Z.M.	Antibacterial Effect on Biofilm Formation for Bacteria Isolated from UTI in Babil Province	2022	AIP Conference Proceedings	2398	
Al Anbagi R.A., Alshuwaili F.E., Stephenson S.L.	Comparing Diverse Macrofungal Assemblages Associated with Various Litter Microhabitats Supporting by Molecular Data in	2022	AIP Conference Proceedings	2398	
Albehadli K., Mohmed A.S.	Laboratory Evaluation of the Aphidicidal Activity of Some Entomopathogenic Fungal Culture Filtrate against Aphid Schizaphis	2022	AIP Conference Proceedings	2398	
Heri Iswanto A., Karim Y.S., Islam M.Z., Alkadir O.K.A., Jalil A.T., Khlaif A.T., Mustafa Y.F., Kzar	Investigating the effect of smoking on the incidence of internal diseases (A review paper)	2022	International Journal of Body, Mind and Culture	9	4
Abd A.A., Kadhim Shabbani H.J., Helwani Z., Othman M.R.	Experimental study and static numerical optimization of scalable design of non-adiabatic and non-isothermal pressure swing	2022	Energy	257	
Al-Shuhaib M.B.S., Hashim H.O., Al-Shuhaib J.M.B.	In silico discovery of a new potent inhibitor for sterol 14-alpha demethylase as a promising antifungal drug against aspergillus	2022	Biointerface Research in Applied Chemistry	12	5
Al-Fatlwe F.M., Jabbar B.A., Hamza N.A.A., Ramadhan A.T.	Experimental Analysis for the Performance of a Geothermal Heat Exchanger Made of Environmentally Friendly Materials	2022	Instrumentation Mesure Metrologie	21	5

Radhi N.S., Kareem N.E., Al-Khafaji Z.S., Sahi N.M., Falah M.W.	Investigation Biological and Mechanical Characteristics of Hybrid PMMA Composite Materials as Prosthesis Complete Denture	2022	Egyptian Journal of Chemistry	65	10
Abdulwahid F.S., Haider A.J., Al-Musawi S.	Iron Oxide Nanoparticles (IONPs): Synthesis, Surface Functionalization, and Targeting Drug Delivery Strategies: Mini-	2022	Nano	17	11
Kadhim M.M., Alshamma F.A.	Investigation of analytical model of crack propagation under multi axial fatigue in fiber metal laminate	2022	Composites Part C: Open Access	9	
Obaid Saleh R., Javed Ansari M., Ali Hamza A., Solanki R., Awadh S.A., Sharma H., Kzar H.H., Fakri	Detection of sulfasalazine drug by pure and doped boron nitride nanoclusters in solvent and gas phases using the DFT and TD-DFT	2022	Inorganic Chemistry Communications	144	
Long W., Sevbitov A., Abdalkareem Jasim S., Kravchenko O., Al-Gazally M.E., Chupradit S., Kzar	A switchable-oxidative cellulose filter paper bearing immobilized Mn(III)-salen complex for alcohol oxidation	2022	Arabian Journal of Chemistry	15	10
Smaisim G.F., mohammed D.B., Abdulhadi A.M., Uktamov K.F., Alsultany F.H., Izzat S.E., Ansari M.J.,	Nanofluids: properties and applications	2022	Journal of Sol-Gel Science and Technology	104	1
fer study of dispersed fluids with submicron metallic oxide particles (1998) Exp Heat Transf	pp. 151-170.	COI: 1	R.S.	Das	D.K.
Abd A.A., Naji S.Z., Tye C.T., Othman M.R.	Evaluation the effect of the ambient temperature on the liquid petroleum gas transportation pipeline	2022	Chemical Product and Process Modeling	17	5
Terefe E.M., Opuencia M.J.C., Rakhshani A., Ansari M.J., Sergeevna S.E., Awadh S.A., Polatova	Roles of CCR10/CCL27–CCL28 axis in tumour development: mechanisms, diagnostic and therapeutic approaches, and	2022	Expert Reviews in Molecular Medicine	24	

Ali Abd A., Jihad Kadhim Shabbani H., Helwani Z., Roslee Othman M.	Novel design of pressure swing adsorption using compact plates for adsorption heat recuperation of CO ₂ capture in biomethane	2022	Energy Conversion and Management	268	
Mehdizadeh M., Mushtaq W., Siddiqui S.A., Aslam S., AL-Taey D.K.A., Tampubolon K.,	Strategies to reduce the arsenic contamination in the soil-plant system	2022	Arsenic in Plants: Uptake, Consequences and Remediation		
Al-Kafagy S.M., Al-Jebori A.K., Alseady Y.Y.	Histochemical study of proventriculus in pre-hatch and post-hatch days in northern bobwhite quail (<i>Colinus virginianus</i>)	2022	Iraqi Journal of Veterinary Sciences	36	
Kadhem A.F., Al-Thuwaini T.M.	Influence of litter size on the hematologic profile of Awassi ewes during gestation and lactation	2022	Veterinary Integrative Sciences	20	3
Al-Ameer L., Hashim K.K., Taha D.N.	Determination of mefenamic acid in aqueous solutions using merging zone – continuous flow injection	2022	Water Practice and Technology	17	9
Al-Hasnawy M.H., Aljabory H.A., Waheed L.S.	Clinical and molecular detection of <i>Sarcoptes scabiei</i> in the Iraqi camels	2022	Iraqi Journal of Veterinary Sciences	36	4
Al-Musawi A.K., Awad A.H., Alkhaled M.J.	Molecular analysis of <i>Cryptosporidium</i> species in domestic goat in central Iraq	2022	Iraqi Journal of Veterinary Sciences	36	4
Ali M.A., Kadhim A.H., Al-Thuwaini T.M.	Genetic variants of the bone morphogenetic protein gene and its association with estrogen and progesterone levels with litter size	2022	Iraqi Journal of Veterinary Sciences	36	4
Farhood A.N., Merhij M.Y., Al-Fatlawi Z.H.	DROUGHT STRESS EFFECTS ON RESISTANT GENE EXPRESSION, GROWTH, AND YIELD TRAITS OF WHEAT (<i>TRITICUM AESTIVUM</i> L.)	2022	Sabrao Journal of Breeding and Genetics	54	3

Kareem S.L., Al Mrayan A.Z.M., Al-Husseiny R.A.	Human Health Risk Assessment of Heavy Metals Contaminated Soil at Al-Nasiriyah City, Iraq	2022	Egyptian Journal of Chemistry	65	9
Hasson S.O., Obaid W.F.	Evaluation of the Genetic Diversity of Antibiotic-resistant Klebsiella pneumoniae Isolated from Diarrheal Humans and Poultry	2022	Jordan Journal of Biological Sciences	15	3
Talib W.H., Awajan D., Hamed R.A., Azzam A.O., Mahmud A.I., AL-Yasari I.H.	Combination Anticancer Therapies Using Selected Phytochemicals	2022	Molecules	27	17
	Li	H.	Li	J.	Bai
Hasan Kadhim A., Shamkhi Noor A., Amer Ali M.	The Effectiveness of Biotin (Vitamin B7) Added to the Diet in Improving the Efficiency of Productivity, and Some Physiological Traits for	2022	Archives of Razi Institute	77	5
Gaber Ajeel S., Hasan Radhi S., Hadi Jebur M., Jasim Mohammad E.	Contribution of Hepatitis B to Anemia in Dialysis Patients with Chronic Renal Failure, Iraq	2022	Archives of Razi Institute	77	5
Dheyauldeen Salahdin O., H Kzar H., Jade Catalan Oplencia M., Abdulkadhim A.H.,	Potential application of AIP nanosheet semiconductor in the detection of toxic phosgene, thiophosgene, and formaldehyde	2022	Semiconductor Science and Technology	37	9
Mulakhudair A.R., Al-Mashhadani M.K.H., Kokoo R.	Tracking of Dissolved Oxygen Distribution and Consumption Pattern in a Bespoke Bacterial Growth System	2022	Chemical Engineering and Technology	45	9
Abdalkareem Jasim S., Kzar H.H., Haider Hamad M., Ahmad I., Al-Gazally M.E., Ziyadullaev S.,	The emerging role of 27-hydroxycholesterol in cancer development and progression: An update	2022	International Immunopharmacolog y	110	

	Mason	D.E.	Nystrom	L.	Boerckel
Ahmed A.S., Obeas Z.K., Alhade B.A., Jaleel R.A.	Improving prediction of plant disease using k-efficient clustering and classification algorithms	2022	IAES International Journal of Artificial Intelligence	11	3
Nadir W., Ali A.Y.	The key factors affecting the behavior of reinforced concrete beam–column joints under cyclic load	2022	Asian Journal of Civil Engineering	23	6
Hachem K., Ansari M.J., Saleh R.O., Kzar H.H., Al- Gazally M.E., Altimari U.S., Hussein S.A., Mohammed	Methods of Chemical Synthesis in the Synthesis of Nanomaterial and Nanoparticles by the Chemical Deposition Method: A Review	2022	BioNanoScience	12	3
Abdulsahib A.D., Hashim A.S., Al-Farhany K., Abdulkadhim A., Mebarek- Oudina F.	Natural convection investigation under influence of internal bodies within a nanofluid-filled square cavity	2022	European Physical Journal: Special Topics	231	13-14
Al-Anbari M.A., Altaee S.A., Kareem S.L.	Using Life Cycle Assessment (LCA) in Appraisal Sustainability Indicators of Najaf Wastewater Treatment Plant	2022	Egyptian Journal of Chemistry	65	9
Saidani O., Manoharan R.R., Naje A.S., Mishra R., Subburaj A., S M., Sikkandar M.Y., Sundaram	Analysis of positive correlation in magnitude and time measurement for earthquake using electric signals	2022	Earth Science Informatics	15	3
Alnasraui A.H.F., Al- Musawi S.	Nanoformulation of Intelligence Polymeric Nanocarrier for Resveratrol Targeted Delivery and Study Its Cytotoxic, Apoptotic, and Impact of Al ₂ O ₃ and Fe ₃ O ₄	2022	AIP Conference Proceedings	2437	
Mahdi S.A., Al-Musawi S.	Nanoparticles on Genes Expression Levels on Biofilm in Staphylococcus Epidermidis	2022	AIP Conference Proceedings	2437	

Sabrijawad A., Thewaini Q.N.O., Al-Musawi S.	Honey/Polymeric Nanofiber Enriched with Clove (<i>Syzygium Aromaticum</i> L.) Extract and Al ₂ O ₃ Nanoparticles: Antibacterial and In	2022	AIP Conference Proceedings	2437	
Ali E.A., Abdel-Zalmi S.S.	Effect of Adding Different Levels of Aqueous Extract of Lemongrass Leaves on Reproductive Characteristics, Testis Weight and	2022	IOP Conference Series: Earth and Environmental Science	1060	1
AbdulKadium S.M.	Ionic Composition Thermodynamics for Different Saline Waters in Central Iraq	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Jabbar M.Kh., Ali Sbti A.M.	Study of Reducing Chemical Fertilizers and Enhancing by Organic and Biological Fertilizers for Cowpea Crop	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Kadium Abed M.A., Shaalan Al-Asadi R.M., Abdul Kadium S.M.	Modelling the Percentage of the Exchangeable Magnesium Based on the Adsorption Ratio in the Some Saline Soils Central Iraq	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Kshash B.H., Oda H.K.	Constraints Facing Rice Farmers in Iraq	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Alwan Alsharifi S.K., Alaamer S.A., Radhi Almushidy A.H.	Performance Evaluation of Local Design Machine (LDSM Type) on Productivity and Growth of Wheat	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Nashi Al-Saidi A.A.-R., Al-Mohammad M.H.S., Al-Juthery H.W.A.	Effect of Spraying Some Nano-Fertilizers and Their Combinations on the Growth and Yield of Fenugreek (<i>Trigonella foenum-</i>	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Alaamer S.A., Alwan Alsharifi S.K., Shtewy N.	Wheat Parameters Under Influence of the Depths and Cultivation Machinery	2022	IOP Conference Series: Earth and Environmental Science	1060	1

Jassim A.A., Al-Khaldy R.A.A., Mohmed A.S.	Effect of Three Growth Stages of Sorghum Residues on Lolium temulentum Weeds Associated with the Barley Crop	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Hatem S.H., Jabbar M.Kh., Al-Salami I.	Screening of Oil Sunflower Cultivars Grown in the Iraq Conditions Under Different Levels of Water Stress	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Aljibouri M.A., Alwan Alsharifi S.K., Alaamer S.A.	A test of the Threshing Machine (LMS Type) at Different Feed Rates and Speeds on Some Corn Properties	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Abed Bresm M.H., Hassan Habeeb H.M.	Effect of Adding Different Vitamin D3 Concentrations on Chilled Storage of Awassi Ram Semen	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Alsharifi M.Y.M., Atab H.A., Alwan Alsharifi S.K.	Response of Corn at Different Levels of Nitrogen Fertilizer and Cultivation Distances	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Ali S.S., Manea A.I., Kshash B.	Effect of Foliar Application with Potassium Sulphate and Organic Fertilizer on Growth Parameters and Yield of Brussels Sprouts	2022	IOP Conference Series: Earth and Environmental Science	1060	1
AbdulKadium S.M., Al-Janabi H.Y.A.	Selenium Adsorption as Influenced by Different Anions in some Middle Euphrates Soils	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Abdulhadi E.N., Ali N.A.-L.	Study of the Productivity Response to Adding Different Levels of Chenopodium quinoa Seed Powder to the Ration and Vitamin C to the	2022	IOP Conference Series: Earth and Environmental Science	1060	1
Omran Z.A., Mukheef R.A.A.-H., Jaber W.S., Naje A.S.	Analysis of Inflow Time Series for Haditha Dam using Minitab Program	2022	Water and Energy International	65r	5

Dziki D., Hassoon W.H., Biernacka B., Gawlik-Dziki U.	Dried and Powdered Leaves of Parsley as a Functional Additive to Wheat Bread	2022	Applied Sciences (Switzerland)	12	15
Al-Maliki S., Al-Shamary A.	Vital evidence for arbuscular mycorrhizal fungi, bacteria and cattail plant to remove Pb-Cd heavy metals from contaminated	2022	Acta Ecologica Sinica	42	4
Al-Thuwaini T.M., Al-Shuhaib M.B.S.	Variants of the SCD gene and their association with fatty acid composition in Awassi sheep	2022	Molecular Biology Reports	49	8
Widjaja G., doewes R.I., Rudiansyah M., Sultan M.Q., Ansari M.J., Izzat S.E., Al Jaber M.S., Kzar	Effect of tomato consumption on inflammatory markers in health and disease status: A systematic review and meta-analysis of clinical	2022	Clinical Nutrition ESPEN	50	
Saleh R.O., Achmad H., Daminov B.T., Kzar H.H., Mahdi A.B., Hammid A.T., Abid M.K., Opulencia	Synthesis of Bioactive Yttrium-Metal–Organic Framework as Efficient Nanocatalyst in Synthesis of Novel Pyrazolopyranopyrimidine	2022	Frontiers in Chemistry	10	
Salman S.A.K., Taki M.M., Hadi S.J., Jasim A.M.	Green synthesis and Characterization of Zinc Nanoparticles using Herbal plant Extracts with their Influence on	2022	Research Journal of Pharmacy and Technology	15	7
Alwan S.W.	Potential human health risk of some heavy metals in the commercially tea leaves and tea infusion	2022	Caspian Journal of Environmental Sciences	20	3
Hamzah Merzah L., Abdul-Lateef Ali N.	Effect of Adding Different Levels of Maca Root (<i>Lepidium Meyenii</i>) to the Diet on the Productive Performance of Broilers Exposed to	2022	Archives of Razi Institute	77	4
Abed J.R., Ali A.-L.N.	Effect of Supplementation of Different Levels of <i>Urtica dioica</i> Seeds to the Diet on the Immune Response and Microbial	2022	Archives of Razi Institute	77	4

Kadhim M.M.A., Jawdhari A., Nadir W., Cunningham L.S.	Behaviour of RC beams strengthened in flexure with hybrid CFRP-reinforced UHPC overlays	2022	Engineering Structures	262	
Ridha R.K., Azooz E.A., Taresh S.S.	Rapid Palladium Preconcentration and Spectrophotometric Determination in Water and Soil Samples	2022	Analytical and Bioanalytical Chemistry Research	9	3
Mohammed M.H., Al-Thuwaini T.M., Al-Shuhaib M.B.S.	High association of a novel variant in the adiponectin gene with the litter size in Awassi ewes	2022	Journal of the Saudi Society of Agricultural Sciences	21	5
Iswanto A.H., Karim Y.S., Islam Z., Alkadir O.K.A., Jalil A.T., Khlaif A.T., Mustafa Y.F., Kzar H.H., Al-	An Investigation of the Effect of Smoking, Alcohol, and Drug Use on Male Infertility	2022	International Journal of Body, Mind and Culture	9	3
Alsharifi S.K.A.	Effect of grain moisture content and machine clearance on mechanical damage of husked paddy	2022	Agricultural Engineering International: CIGR Journal	24	2
Jasim S.A., Kzar H.H., Alwan A.S., Zainal A.G., Chupradit S., Al-Sudani A.Q.A.S., Mutlak D.A., Al-	Comparison of Emotion Regulation Strategies in Individuals with Migraine, Tension, and Normal Headaches	2022	International Journal of Body, Mind and Culture	9	2
Ahmed D.S., Ayouty Y.M.E., Naje A.S., Wagdy R.M.	Performance evaluation of immobilized micro green algae for heavy metals removal from water	2022	Desalination and Water Treatment	261	
Mosa A.H., Zenad M.M.	FIRST MOLECULAR DETECTION OF MAEDI-VISNA VIRUS IN AWASSI SHEEP OF MIDDLE IRAQ REGIONS	2022	Bulgarian Journal of Veterinary Medicine	25	2
Al-Shuhaib M.B.S.	Prediction of the Most Deleterious Missense Variants of Human Somatostatin Gene by Combining Computational Algorithms,	2022	Journal of Applied Biotechnology Reports	9	2

Kareem K.A., Alojany Z.O.O., Al-Janabi A.S.A.	MARINE ALGAE EXTRACTS, AND NANO FERTILIZER WITH ZINC AND COPPER EFFECTS ON GROWTH, AND MACRO-AND	2022	Sabrao Journal of Breeding and Genetics	54	2
Hashim F., Dibs H., Jaber H.S.	Adopting Gram-Schmidt and Brovey Methods for Estimating Land Use and Land Cover Using Remote Sensing and Satellite	2022	Nature Environment and Pollution Technology	21	2
Samaka I.S., Naje A.S., Al-Zubaidi H.A.M.	Treatment of Saline Water Using Electrocoagulation Process with Monopolar Connection of Electrodes	2022	Nature Environment and Pollution Technology	21	2
Al-Shujairi K.A., Albehadlli K.H., Kamaluddin Z.N., AL-Abedy A.N., Al-Taey D.K.	GENETIC VARIATION AMONG SOME SCLEROTINIA SCLEROTIORUM ISOLATES CAUSING WHITE MOLD DISEASE IN	2022	International Journal of Agricultural and Statistical Sciences	18	1
Alzubaidi S.A.	EFFECT OF ADDING ORGANIC MATTER ON SOME SOIL TRAITS AND POTATO YIELD IN TWO LOCATION OF DHI QAR PROVINCE,	2022	International Journal of Agricultural and Statistical Sciences	18	1
Nayyef M.N., Abdulhussein Awadh H.A., Kadhim Z.K., AL-Shareefi M.J.H., Ali Abdulhussein Zadeh F.A., Bokov D.O.,	A COMPARATIVE STUDY BETWEEN THE EFFECT OF BENZYL ADENINE AND ADENINE SULPHATE ON GROWTH AND MULTIPLICATION OF	2022	International Journal of Agricultural and Statistical Sciences	18	1
Salahdin O.D., Abdelbasset W.K., Jawad M.A., Kadhim M.M., Qasim M.T., Kzar	Cytotoxicity evaluation of environmentally friendly synthesis Copper/Zinc bimetallic nanoparticles on MCF-7 cancer	2022	Rendiconti Lincei	33	2
Wahad H.Sh., Salman Q.K., Kareem N.E.	Free Rolling Friction Model of the Femoral Component on the Tibial Plateau in knee prosthesis	2022	International Journal of Engineering Trends and Technology	70	5
Ajafar M.H., AL-Thuwaini T.M., Dakhel H.H.	Association of OLR1 gene polymorphism with live body weight and body morphometric traits in Awassi ewes: short	2022	Molecular Biology Reports	49	5

Al-Agele H.A., Mahapatra D.M., Nackley L., Higgins C.	Economic Viability of Ultrasonic Sensor Actuated Nozzle Height Control in Center Pivot Irrigation Systems	2022	Agronomy	12	5
Mohammed M.M., Al-Thuwaini T.M., Al-Shuhaib M.B.S.	A novel p.K116Q SNP in the OLR1 gene and its relation to fecundity in Awassi ewes	2022	Theriogenology	184	
Al-husseiny R.A., Ebrahim S.E.	Effective Removal of Methylene Blue from Wastewater Using Magnetite/Geopolymer Composite: Synthesis, Characterization and	2022	Inorganic Chemistry Communications	139	
Mohammed A.A., Kareem S.L., Peters R.J., Mahdi K.	Removal of Amoxicillin From Aqueous Solution in Batch and Circulated Fluidized Bed System Using Zinc Oxide Nanoparticles:	2022	Environmental Nanotechnology, Monitoring and Management	17	
Muttaleb A.S., Hamood F.	Synthesis and Modification of Some New Prodrug Polymers Based on Ethylene Diamine Tetra Acetic Acid with Chitosan and Study	2022	International Journal of Drug Delivery Technology	12	2
Mosa A.H., Hamzah K.J., Aljabory H.A.H.	First study on the molecular prevalence of caprine arthritis encephalitis virus in goats in Babylon, Iraq	2022	Veterinary World	15	4
Obaid R.F., Hindi N.K.K., Kadhum S.A., Alwaeli L.A.J., Jalil A.T.	Antibacterial activity, anti-adherence and anti-biofilm activities of plants extracts against Aggregatibacter	2022	Caspian Journal of Environmental Sciences	20	2
Radhi H.S., Kamal S.A., Sahi M.N., Hussein H.J.	Assessment of Antibacterial Efficacy of Callistemon viminalis (Sol. ex Gaertn.) G. Don against Some Isolates Obtained from	2022	Archives of Razi Institute	77	2
Jassim M.Z., Obead M.F., Neama S.	Integron-Associated Antibiotic Resistance in Salmonella typhi	2022	Archives of Razi Institute	77	2

Naji H.H., AL-Azawi R.S.A., Ibrahim N.J., Kzar H.H.	Investigation of the Role of Zn/Cu Index and its Correlation with Physiological Activity of SOD 1 and GRx in Males with Acne Vulgaris	2022	Archives of Razi Institute	77	2
Al-Khaldy R.A.A., Hammood W.F., Safi S.M.A.	Effects of chemical herbicides and Datura leaves extract on the companion weed of two barley cultivars <i>Hordeum vulgare</i> L., the	2022	Caspian Journal of Environmental Sciences	20	2
Sahib N.F., Naji M.M.S., Hamed E.A.	Verification approach for medical data in e-healthcare system based on biometric and watermarking	2022	Periodicals of Engineering and Natural Sciences	10	2
Mohammed A.F., Hashim S.M., Jebur I.K.	The diagnosis of COVID-19 in CT images using hybrid machine learning approaches (CNN & SVM)	2022	Periodicals of Engineering and Natural Sciences	10	2
Mohammed M.K., Abdullah A.A., Abod Z.A.	Securing medical records based on inter-planetary file system and blockchain	2022	Periodicals of Engineering and Natural Sciences	10	2
Wahad H.S., Mahdi B.S.	Theoretical and experimental analysis of the physical behavior of gaskets in shock absorber	2022	Periodicals of Engineering and Natural Sciences	10	2
Al-Jubouri T.R., Hassan A.F., Al-Shuhaib M.B.S.	NOVEL ASSOCIATION BETWEEN GnRHR GENE AND GROWTH TRAITS IN AWASSI AND KARAKUL SHEEP	2022	Journal of Microbiology, Biotechnology and Food Sciences	11	5
Jasim S.A., Mohsen A.M., Altimari U.S., Mahmoud M.Z., Ahmed Y.M., Derakhshandeh M.	The CH ₃ F and CH ₃ Cl detection by the BeO nanotube in the presence of environmental gases	2022	Monatshefte fur Chemie	153	4
Mahmood Z.H., Jarosova M., Kzar H.H., Macheck P., Zaidi M., Dehno Khalaji A., Khlewee I.H., Altimari U.S.,	Synthesis and characterization of Co ₃ O ₄ nanoparticles: Application as performing anode in Li-ion batteries	2022	Journal of the Chinese Chemical Society	69	4

Jawad Kadhum H., Murthy G.S.	Novel system design for high solid lignocellulosic biomass conversion	2022	Bioresource Technology	350	
Nadir W., Dhahir M.K., Al-khekany A.M.	Utilizing the moment distribution method for the analysis of concrete slabs supported by bearing masonry walls	2022	Innovative Infrastructure Solutions	7	2
Abd A.A., Othman M.R., Shabbani H.J.K., Helwani Z.	Biomethane upgrading to transportation fuel quality using spent coffee for carbon dioxide capture in pressure swing	2022	Journal of Environmental Chemical Engineering	10	2
Azooz E.A., Wannas F.A., Ridha R.K., Jawad S.K., Al-Mulla E.A.J.	A Green Approach for Micro Determination of Silver(I) in Water and Soil Samples Using Vitamin C	2022	Analytical and Bioanalytical Chemistry Research	9	2
Al-agele H.A., Jashami H., Higgins C.W.	Evaluation of novel ultrasonic sensor actuated nozzle in center pivot irrigation systems	2022	Agricultural Water Management	262	
Bader O.A., Nahi H.H.	The effects of thyroidectomy on healing fracture in rabbits model	2022	Iraqi Journal of Veterinary Sciences	36	3
Zedan Z.K., Al-Ameri S.H.	In vivo study of impact transplantation hematopoietic progenitor cells on induced cutaneous wound healing in rabbits	2022	Iraqi Journal of Veterinary Sciences	36	3
Al-Qaisi A.Z., Al-Murshady K.R., Raheem S.A., Ali Z.H.	Drainage Water Application for Irrigation Purposes: Case-Study, HAJI-ALI Drain, Babylon	2022	Water and Energy International	64r	12
Safi S.M.A., Al-Khaldy R.A.A., Hammood W.F.	Evaluation of the efficiency of some herbicides in controlling weeds in wheat (<i>Triticum aestivum</i> L.)	2022	Research on Crops	23	1

Mijbil Z.Y.	Molecular charge transfer: annealed, pendant, and analyte cases	2022	European Physical Journal B	95	3
Zwain H.M., Barghash H., Vakili M., Majdi H.Sh., Dahlan I.	Modeling and optimization of process parametric interaction during high-rate anaerobic digestion of recycled paper mill	2022	Water Reuse	12	1
Bader O.A., Jasim A.M., Jawad M.J., Nahi H.H.	The role of PLGA/TPGS nanoparticle on xylazine-ketamine anesthetic activity in male albino rabbits	2022	Iraqi Journal of Veterinary Sciences	36	1
Shabbani H.J.K., Khairunnisa Shamsudin I., Dezaini N.N., Abd A.A., Othman M.R.	Effect of adsorption-desorption on hydrogen purity and recovery in non-adiabatic pressure swing mediated by microporous palm	2022	Fuel	311	
Al-Thuwaini T.M., Aljubouri T.R.S., Al-Shuhaib M.B.S., Ajam I.K., Mahyari S.A.	The Effect of Two Novel Amino Acid Substitutions of BMP15 Gene on Ovulation Rate in Awassi Ewes	2022	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	92	1
Raya I., Kzar H.H., Mahmoud Z.H., Al Ayub Ahmed A., Ibatova A.Z., Kianfar E.	A review of gas sensors based on carbon nanomaterial	2022	Carbon Letters	32	2
3D%3D; Sui	Marelli	D.	Sun	X.	Fu
Auda S.A., Khudhur H.R., Hasson S.O., Alshemery M.K., Judi H.K.	Immunological effects of Penicillium digitatum in rabbits	2022	Iranian Journal of Ichthyology	9	Special Issu
Ayad Z.M., Malik Z.J., Alameedi A.I., Abdulah M.	The effects of common carp, Cyprinus carpio skin collagen extract on infected wounds	2022	Iranian Journal of Ichthyology	9	Special Issu

Jabber E.J., Alzayd A.M., Jawad M.J., Sulbi I.M., Hassan S.M., Jawad M.J., Jasim A.M.	Synergistic effect of oxytetracycline as a combination treatment with Carboplatin on MCF-7 breast cancer cell line [Efeito sinérgico da Antimicrobial Resistance and	2022	Brazilian Journal of Veterinary Research and Animal Science	59	
Hadi Ghaffoori Kanaan M., Jebur Obayes Al-Isawi A., Ahmad Mohammed F.	Antibiogram of Thermotolerant Campylobacter Recovered from Poultry Meat in Baghdad Markets,	2022	Archives of Razi Institute	77	1
Almeshal A., Al-Jobory A.A., Mijbil Z.Y.	Precise control of single- phenanthrene junction's conductance	2022	Journal of Computational Electronics	21	1
Raheem W.S., Niamah A.K., Muttaleb H.O., Murdas I.A.	Pesticide residue measurements in raw milk based on optical spectrum and neural networks	2022	Egyptian Journal of Chemistry	65	2
Al-Shuhaib M.B.S., Hashim H.O., Al-Shuhaib J.M.B.	Epicatechin is a promising novel inhibitor of SARS-CoV-2 entry by disrupting interactions between angiotensin-converting enzyme	2022	Computers in Biology and Medicine	141	
Alsalamy Z.H.A.	Curing High-Performance Green Concrete Under Hot Weather	2022	Iranian Journal of Science and Technology - Transactions of Civil	46	1
Dibs H., Hasab H.A., Jaber H.S., Al-Ansari N.	Automatic feature extraction and matching modelling for highly noise near-equatorial satellite images	2022	Innovative Infrastructure Solutions	7	1
Ali Abd A., Roslee Othman M.	Biogas upgrading to fuel grade methane using pressure swing adsorption: Parametric sensitivity analysis on an industrial scale	2022	Fuel	308	
Obaid E.K., Zimam E.H., Radhi A.J.	Synthesis, characterization and study some thermal properties of new maleimide polymers	2022	AIP Conference Proceedings	2386	

Mahdi A.A., Hassen H.E.	The ability of nanoparticles of ceratophyllum demersum l. To remove copper from an aqueous solution	2022	HIV Nursing	22	2
Hashim S.M., Nahi H.A., Mohammed A.F.	Steganalysis of JPEG Images based on 2D-Gabor Filters and Feature Dimensionality Reduction	2022	3rd Information Technology to Enhance e-Learning and Other		
Darvishi M., Jasim S.A., Sarimsakov M.I., Ibrahim N.J., Hadi S.J., Al-Sammarra'e A.,	Evaluation of the total antioxidant capacity of Oliveria decumbens and Capparis spinosa	2022	Journal of Biological Research (Italy)	95	2
Abdulazeem L., Hassan F.G., Abed M.J., Torki W.S., Naje A.S.	Nanoparticles in cosmetics, what we don't know about safety and hidden risks. A mini review	2022	Global Nest Journal	25	1
Abed K.M., Radhi N.S., Jasim A.H., Al-Khafaji Z.S., Radhi S., Hussien S.A.	Study the effect of adding zirconia particles to nickel-phosphorus electroless coatings as product innovation on stainless steel	2022	Open Engineering	12	1
Al-Haider S., Alneamah G., Alshkarchy S., Farhood A.	The Babylon River's common carp (Cyprinus carpio) gills were used for the histopathological examination and PCR detection of Koi	2022	Bionatura	7	4
Aal-Rkhais H.A., Kamil A.H., Al Oweidi K.F.	The Approximation of Weighted Hölder Functions by Fourier-Jacobi Polynomials to the Singular Sturm-Liouville Operator	2022	Baghdad Science Journal	19	6
Al-Wardy M.I.Z., Khuit S.A., Al Khafagi K.F.H., al Mahdi Kadim H.A.	The impact of different potassium concentrations on the yield of mungbean (Vigna radiata L.)	2022	Bionatura	7	4
Nadir W., Harith I.K., Ali A.Y.	Optimization of ultra-high-performance concrete properties cured with ponding water	2022	International Journal of Sustainable Building Technology and Urban	13	4

Harith I.K., Hussein M.J., Hashim M.S.	Optimization of the synergistic effect of micro silica and fly ash on the behavior of concrete using response surface method	2022	Open Engineering	12	1
Obaid E.K., Issa Farhan D., Khudheyer F.Y., Radhi A.J.	Design, Synthesis and Molecular Docking Study for New Heterocyclic Derivatives	2022	Journal of Pharmaceutical Negative Results	13	4
Bakhet S.A., Al-Tameemi M.T.	Association of the Leptin Receptor Q223 (rs1137101) Polymorphism with Infertility in Iraqi Patient Women	2022	Journal of Pharmaceutical Negative Results	13	4
Alhassan Z.A.A., AL-Saad N.F.N., Knyazeva D.	Study the Relationship between IL-17 rs 3748067 Gene Polymorphism with H. Pylori Infection in Babylon Province	2022	Journal of Pharmaceutical Negative Results	13	4
Mohsen A.M., AL-Azawi R.S.A., Naji H.H., Kzar H.H., Al-Gazally M.E.	Investigation of the Omentin-1 V109D gene polymorphism as a risk factor for the incidence of Polycystic Ovary Syndrome	2022	Bionatura	7	3
Ayad Z.M., Obaid M.R., Al-Ameedi A.I., Al-Hashimi A.D.M.	Clinical Interaction Effect of Azithromycin and Citalopram in New 2-[2- - (4,5-Di Methoxy Carboxy Phenyl) Azo]-Imidazole	2022	Journal of Pharmaceutical Negative Results	13	3
Mohammed Z.S., Hossain A.O., Zigam Q.A., Kzar H.H., Al-Gazally M.E.	Study the Effects of Anadrol Overdose on Kidney in Rat Model	2022	Revista Electronica de Veterinaria	23	3
Al-Isawi A.J.O., Rahma M.I., Salman S.A.K., Al-Gazally M.E.	Effect Antimicrobial Activity of Chitosan against S.Aureus in Locally Bovine Soft Cheese in Babylon Prevalence	2022	Revista Electronica de Veterinaria	23	3
Al-Tawaha A.R.M., McNeil D., Othman Y.A., AlRawashdeh I.M., Amanullah, Imran, Adnan	Legume Production and Climate Change	2022	Improvement of Plant Production in the Era of Climate Change		

vels under changing climate (2021) Environ Sci Pollution Res.	https://doi.org/10.1007/s11356-021-16049-w ; Ilyas	M.	Mohammad	N.	Nadeem
Gatea S.M., Altaie S.M.S., Khafaji S.S., ALjanabi T.K., Nafel N.M.	Effect of in Ovo Injection of Vitamins E and D3 on Hatchability and Embryos Development of Poultry	2022	Revista Electronica de Veterinaria	23	3
Abdulameer Y.S., Alameedee W.M.M.N., Zamil S.J.	Metabolic Effects of Beneficial Bacterial, Herbal Plant and Antibiotic as Feed Additives on Production of Broiler Chicken	2022	Revista Electronica de Veterinaria	23	3
Rasoul L.M., Nsaif M.M., Al-Tameemi M.T., Al-Rubaii B.A.L.	Estimation of primer efficiency in multiplex PCR for detecting SARS-Cov-2 variants	2022	Bionatura	7	3
Al-Maliki S., Al-Zabee M., Muter D.M.	MICROBIAL BIOMASS CARBON AND NUTRIENT AVAILABILITY AS INFLUENCED BY MYCORRHIZAE AND IRON-ETHYLENEDIAMINE	2022	Scientia Agriculturae Bohemica	53	1
Zedan Z.K., AL-Amer S.H.A.	The Dysregulation of mir-21 and mir-143 as a clinical Marker for Cancer Stem Cells in Tissue Samples of Iraqi Male Patients with	2022	Journal of Pharmaceutical Negative Results	13	3
Al-Hedny S.M., Al-Azawey A.S.N., Alshujairy Q.A.T.	Remote Sensing of Water Quality for Human Activity Use of Shat Al-Hilla”	2022	Springer Water		
Al-Thuwaini T.M., Ali N.A.-L., Ajafar M.H.	Nanoparticles in Feed: a Potential Approach for Mitigating Heat Stress on Broilers	2022	Reviews in Agricultural Science	10	
Jasim S.A., Iswanto A.H., Jalil A.T., Dwijendra N.K.A., Kzar H.H., Zaidi M., Suksatan W., Falih K.T.,	Noise pollution in rail transport. Case study: Baghdad subway	2022	Noise Mapping	9	1

Mezaal M.R., Mahmoud A.S., Jasim M.A., Naje A.S.	Dynamics of Land Use and Land Cover Change Using Geospatial Techniques – A Case Study of Baghdad, Iraq	2022	Ecological Engineering and Environmental Technology	23	6
Al-Jawasim M., Al-Khalaf A.	Nanotechnology and green nano-synthesis for nano-bioremediation	2022	Microbes and Microbial Biotechnology for Green Remediation		
Raheem S.A., Kadhim E.J., Abdulhasan M.J.	Comparative Study of Iron Removal from Groundwater Using Low Cost Adsorbents	2022	Journal of Ecological Engineering	23	11
Abbas A.J., Al-Alaq F.T., Abdulazee L., Naje A.S.	Polyethylene Oxide and their Antibacterial Effects Against some Pathogenic Bacteria	2022	Ecological Engineering and Environmental Technology	23	6
Muhisn Z.A.A., Almansouri S.A., Muhisn S.A., Ahmad M., Omar M.	The Effectiveness of Knowledge Combination in E-Learning Management System (eLMS)	2022	International Journal of Emerging Technologies in Learning	17	16
Jassim Y.A., Khudhair M.K., Radhi S.H.	Genetic Identification of Bacteria Producing Antibacterial Agent Isolation from Soil and Study of their Effectiveness as Antioxidants	2022	Annals of Agri Bio Research	27	1
Kzar H.H., Al-Charak A.G.H., Kadhim Z.H., Hadi S.J., Hamzah E.F., Farhood A.F., Al-Gazally M.E.	BIOCHEMICAL AND HISTOLOGICAL STUDY ON BERBERINE-CHITOSAN NANOPARTICLES EFFECTS ON IMPROVEMENT OF THE INDUCED	2022	European Chemical Bulletin	11	5
Al-Hadi A.B.A., Al-Thuwaini T.M., Al-Shuhaib M.B.S.	Association of FST Gene Polymorphism and Litter Size with Reproductive Hormones in Iraqi Awassi Ewes During Pregnancy and	2022	Advances in Animal and Veterinary Sciences	10	8
Al-Thuwaini T.M., Al-Hadi A.B.A.	Association of Lamb Sex with Body Measurements in Single and Twin on the Awassi Ewes	2022	Advances in Animal and Veterinary Sciences	10	8

Mosa A.M., Hamed E.A., Hussein Z., Jaleel R.A.	Improved Smart Forecasting Model to Combat Coronavirus using Machine Learning	2022	2022 2nd International Conference on Advance Computing		
Kadham Algidsawi A.J., Hashim A., Hadi A., Habeeb M.A., Abed H.H.	Influence of MnO ₂ Nanoparticles Addition on Structural, Optical and Dielectric Characteristics of PVA/PVP for Pressure Sensors	2022	Physics and Chemistry of Solid State	23	2
Khafaji S.S.	Fecundity profiles and physiological traits of Iraqi Awassi ewes supplemented mulberry leaves powder extract	2022	IOP Conference Series: Earth and Environmental Science	977	1
Jasim S.A., Kzar H.H., Jalil A.T., Kadhim M.M., Mahmoud M.Z., Al-Gazally M.E., Ali Nasser H.,	DFT investigation of BN, AlN, and SiC fullerene sensors for arsine gas detection and removal	2022	Main Group Chemistry	21	2
Al-Falahi M.N.A., Al-Dulaimi K.H., Ghani E.T.A., Al-Taey D.K.A., Farhan K.J.	EFFECT OF HUMIC ACIDS AND THE AMOUNT OF MINERAL FERTILIZER ON SOME CHARACTERISTICS OF SALINE SOIL, GROWTH AND YIELD	2022	Agraarteadus	33	1
Al Anbagi R.A., Al-Khesraji T.O.	MORCHELLA CONICA PERS., 1818 (PEZIZALES, MORCHELLACEAE): A NEW RECORD FROM IRAQ	2022	Bulletin of the Iraq Natural History Museum	17	1
Hade H.A., Al-Jubouri M.O., ALhaider S.M.	Isolation of Bacteria Sphingobacterium Thalpophilum and Streptococcus Thoraltensis from Oreeochromis Aureus	2022	Revista Electronica de Veterinaria	23	3
Saddam Alwan A., Al-Shammari A.J., Hadi Jumaa N., Mohamad Ali I., Habeeb Hussain T., Samir Abbas G., Arshad M.,	Experimental investigation on the effect of incorporating nanomaterials on some properties of self-compacting cementitious	2022	Materials Today: Proceedings	60	
Saeed M., Imran S., Kamboh A.A., Al-Taey D.K.A., Aslam M.A., Imran	An Update on the Promising Role of Organic Acids in Broiler and Layer Production	2022	Journal of Animal Health and Production	10	3

995) J. Food Protect	pp. 482-489.	https://	JP	Yoo	J. S.
Aswed K.K., Harith I.K.	An Eco-Sustainable Production of Cement Mortar Containing Waste Glass as Partial Replacement of Cement	2022	Key Engineering Materials	924	
Al-Thuwaini T.M., Kareem Z.A.	Novel missense variant L46Q of fatty acid synthase gene and fatty acids content in Awassi sheep	2022	Acta Scientiarum - Animal Sciences	44	
Al-Yasiri T.H., Tarmooz A.A., Obayes Al Isawi A.J., Al-Gazally M.E.	Evaluation of Sesuvium Portulacastrum Ethanolic Extract on Growth of Salmonella Typhi in Vitro	2022	Revista Electronica de Veterinaria	23	3
Al-Taey D.K.A., Al-Musawi Z.J.M.	THE IMPACT OF NANO FERTILIZATION AND SALICYLIC ACID ON GROWTH, YIELD AND ANTI-OXIDANT CONTENTS IN ROCKET	2022	Agraarteadus	33	1
Abdulameer A.K., Alkhayyat A.S., Talib Abbas M., Habeeb I.A., Sabah Bustani G.	Effect of Palm Pollen and Pomegranate Peel Supplementation on Sperm Development in Male Rabbits	2022	Archives of Razi Institute	77	3
Sami Z., Obaid A.	Study the Effects of Anadrol Overdose on Liver Function in Male Rats	2022	Iraqi Journal of Pharmaceutical Sciences	31	1
Samir Naje A., Faisal Naser G., Sadi Samaka I., Al-Zubaidi H.A.M.	Environmental assessment of kinetics behavior of electrocoagulation process for industrial wastewater treatment	2022	Materials Today: Proceedings		
Alabbas H., Huszák Á.	Reinforcement Learning based Gateway Selection in VANETs	2022	International Journal of Electrical and Computer Engineering Systems	13	3

Filimonau V., Kadum H., Mohammed N.K., Algboory H., Qasem J.M., Ermolaev V.A., Muhialdin	Religiosity and food waste behavior at home and away	2022	Journal of Hospitality Marketing and Management	31	7
Mohammed I., Hashim Al- Khalaf S.K., Alwan H.H., Samir Naje A.	Environmental assessment of Karbala water treatment plant using water quality index (WQI)	2022	Materials Today: Proceedings	60	
Al-Taey D.K.A., Kamaluddin Z.N.A., Al- Kazemy H.H.S.	Impact of Zytonic-M and organic fertilizer on growth and yield of hybrid tomato Awahr (F1) under saline conditions	2022	International Journal of Vegetable Science	28	6
Ajafar M.H., Kadhim A.H., Al-Thuwaini T.M.	The Reproductive Traits of Sheep and Their Influencing Factors	2022	Reviews in Agricultural Science	10	
Al-Thuwaini T.M.	Adiponectin and Its Physiological Function in Ruminant Livestock	2022	Reviews in Agricultural Science	10	
Mehdizadeh M., Mushtaq W., Siddiqui S.A., Al-Taey D.K.A., Tampubolon K.	Assessment of Phytotoxins Using Different Technologies	2022	Current Applied Science and Technology Ecological	22	4
Mohammed R.J., Hameed I.A., Thamer T.Y.	Effect of Using Different Types of Well Water in Karbala Governorate on Soil and Plant	2022	Engineering and Environmental Technology	23	3
Kzar H.H., Al-Gazally M.E., Wtw M.A.	Everolimus loaded NPs with FOL targeting: preparation, characterization and study of its cytotoxicity action on MCF-7 breast	2022	Jordan Journal of Pharmaceutical Sciences	15	1
Bokov D., Foad Manher Al- Ethafa L., Abilmazhinov Y., Thangavelu L., Surendar A., Pokrovskii M.,	Study on the preservative properties of glycol on food	2022	Food Science and Technology (Brazil)	42	

Al-Shammari A.S.K., Sadoon A.S.	Prevalence of Respiratory Syncytial Virus Infection in Sheep at Babylon Governorate, Iraq	2022	International Journal of Veterinary Science	11	3
Sabah Abdulameer Y., Abbas Alwan I.	Improvement of Growth performance, Biochemical Blood Profiles, and Meat Peroxidation by the Inclusion of Mustard Seed	2022	Archives of Razi Institute	77	1
Hassan D.F., Abdalkadhum A.J., Mohammed R.J., Shaban A.	Integration Remote Sensing and Meteorological Data to Monitoring Plant Phenology and Estimation Crop Coefficient and	2022	Journal of Ecological Engineering	23	4
Al-Zuhairy S.A.S., Kadhum W.R., Alhijaj M., Kadhim M.M., Al-Janabi A.S., Salman A.W., Al-Sharifi	Development and Evaluation of Biocompatible Topical Petrolatum-liquid Crystal Formulations with Enhanced Skin Permeation	2022	Journal of Oleo Science	71	3
Mohammed M.H., Zwain H.M., Hassan W.H.	Modeling the quality of sewage during the leaking of stormwater surface runoff to the sanitary sewer system using SWMM: a case	2022	Aqua Water Infrastructure, Ecosystems and Society	71	1
Al-Mansury S., Aboktifa M.A., Jassim A.M., Balakit A.A., Alkazazz F.F.	Evaluation the Antioxidant Enzymes Activity in Adults Male Rats Treated with Some New 3-mercapto1,2,4-triazole Derivatives	2022	Research Journal of Pharmacy and Technology	15	1
Temimi W.K.A.A., Kadhim M.A., Khalaf A.A.	Partial purification of linoleic acid isomerase enzyme from Lactobacillus paracasei bacteria isolated from milk	2022	Brazilian journal of biology = Revista brasleira de biologia	84	
Joda B.A., Abed Al-Kadhim Z.M., Ahmed H.J., Al-Khalaf A.K.H.	A Convenient Green Method to Synthesize β -Carotene from Edible Carrot and Nanoparticle Formation	2022	Karbala International Journal of Modern Science	8	1
Mahdi B.S.	Preparation and Investigated Third Order Optical Nonlinearities of Schiff bases by Using the Z-Scan	2022	NeuroQuantology	20	1

Kanaan M.H.G., Al-Isawi A.J.O., Mohamme F.A.	Antimicrobial Resistance and Antibioqram of Thermotolerant Campylobacter Recovered from Poultry Meat in Baghdad Markets,	2022	Archives of Razi Institute	77	1
Al-Khafaji Z.A., Abady N.R., Al-Kafaji H.A.	Epidemiological and Clinical Comparative Study for COVID-19 Patients in Babylon Province, Iraq	2022	Archives of Razi Institute	77	1
Turkey E.F., Hamad A.G., AL-Mansoori A.K.	The Association of Prothrombin Gene Mutations and Cytomegalovirus Infection with Abortion among Iraqi Women	2022	Baghdad Science Journal	19	4
Mukheef R.A.A.-H., Obayes A.A., Omran Z.A.	Study the Suitability of Water Quality for Agricultural Uses in Al-Diwaniyah Governorate in Iraq	2022	Asian Journal of Water, Environment and Pollution	19	1
Al-Mousawi H.T.M., Mushtaq A.-B.N., Bohan A.H.	Molecular and immunological activity of Terminalia chebula extracts	2022	Journal of Advanced Biotechnology and Experimental Therapeutics	5	1
Hussain S.N., Zwain H.M., Nile B.K.	Modeling the effects of land-use and climate change on the performance of stormwater sewer system using SWMM simulation:	2022	Journal of Water and Climate Change	13	1
Abd A.A., Othman M.R., Helwani Z., Shabbani H.J.K.	Role of heat dissipation on carbon dioxide capture performance in biomethane upgrading system using pressure swing adsorption	2022	Separation and Purification Technology	280	
Al-Thuwaini T.M.	Body mass index and shortened telomere length in middle-aged female and male RUNNING HEAD: Middle-aged and shortened	2022	Baghdad Science Journal	19	2
Chabuk A., A. M. Al-Zubaidi H., Abdalkadhum A.J., Al-Ansari N., Ali Abed S., Al-Maliki A., Laue J.,	Application ArcGIS on Modified-WQI Method to Evaluate Water Quality of the Euphrates River, Iraq, Using Physicochemical Parameters	2022	Lecture Notes in Networks and Systems	236	

Al-Taey D.K.A., Burhan A.K.	The effect of water quality, cultivar, and organic fertilizer on growth and yield of volatile oil carvone and limonene in Dill	2022	International Journal of Vegetable Science	28	4
Al-Nafie A.T., Al-Thuwaini T.M., Al-Shuhaib M.B.S.	A novel association between hemoglobin subunit beta gene and reproductive performance in Awassi ewes	2022	Journal of the Saudi Society of Agricultural Sciences	21	1
Albukhaty S., Al-Bayati L., Al-Karagoly H., Al-Musawi S.	Preparation and characterization of titanium dioxide nanoparticles and in vitro investigation of their cytotoxicity and antibacterial	2022	Animal Biotechnology	33	5
Fadhil I.A., Al-Shuhaib M.B.S.	Phylogenetic differentiation between Awassi and Hamdani sheep using the mitochondrial 12S rRNA	2022	Animal Biotechnology	33	5