

Authors	Title	Year	Source title
Ashraf S.A.	Measuring of cholinesterase activity via electrometric method in blood and tissues of budgie bird's	2020	Veterinary Practitioner
Saleem B.A.A.; Al-Jarah F.K.; Shikho N.H.	Spectrophotometric study for the determination of trace amount of an important medication used in the cardiovascular diseases	2020	IOP Conference Series: Materials Science and Engineering
Dahl M.O.	Laboratory evaluation of hypoglycemia in cattle	2020	Veterinary Practitioner
Razaq M.; Qasim A.; Assim Th.; Ramzi R.	Combination of platelet-rich plasma and hyaluronic acid in the treatment of moderate and severe osteoarthritis of the knee joint	2020	Rheumatology (Bulgaria)
Saleh I.A.; Alsaif O.I.; Yahya M.A.	Optimal distributed decision in wireless sensor network using gray wolf optimization	2020	IAES International Journal of Artificial Intelligence
Qasim Z.S.	The effect of Ginkgo Biloba extracts on Candida albicans isolated from healthy persons	2020	Iraqi Journal of Pharmaceutical Sciences
Kapi A.Y.; Sunar M.S.; Algfoor Z.A.	Summary of Pathfinding in Off-Road Environment	2020	6th International Conference on Interactive Digital Media, ICIDM 2020
Saeed M.A.; Mohsen M.H.	Crown cover area for melia Azedarach L. Trees grown in open places KTH	2020	International Journal of Agricultural and Statistical Sciences
Jankeer M.H.	The preventive role of thymus vulgaris alcoholic leaf extract against carbon tetrachloride induced hepatotoxicity in male albino rabbits	2020	Malaysian Journal of Biochemistry and Molecular Biology
Mooney C.; McKiernan P.J.; Raoof R.; Henshall D.C.; Linnane B.; McNally P.; Glasgow A.M.A.; Greene C.M.	Plasma microRNA levels in male and female children with cystic fibrosis	2020	Scientific Reports
Agwan I.M.M.A.; Altaweel M.S.M.	Study of genetic features for in F1 hybrids in faba bean	2020	Plant Cell Biotechnology and Molecular Biology
Al-Fattah A.N.; Al-Juboury A.I.; Ghafor I.M.	SIGNIFICANCE OF FORAMINIFERA DURING THE PALEOCENE – EOCENE THERMAL MAXIMUM (PETM) IN THE AALJI AND KOLOSH FORMATIONS, NORTH AND NORTHEAST IRAQ	2020	Iraqi Bulletin of Geology and Mining
Mohammed N.H.	Prevalence, morphological and biochemical study of larval stage coenurus cerebralis of taenia multiceps in sheep	2020	Iraqi Journal of Veterinary Sciences
Altaiea F.H.M.	A study of the component formats effect on ionization constants for a number schiff pyridine water and ethanol with variant temperature degrees	2020	Egyptian Journal of Chemistry
Malla Obaida B.A.R.	TESTING the ABILITY of PLASMID DNA CONTENT in Debaromyces hansanii for MOBILIZATION and TRANSFER through CONJUCATION	2020	Plant Cell Biotechnology and Molecular Biology
Mahmood B.S.H.; Al-Mokhtar Z.T.; Abdul-Jabbar J.M.	Efficient space-filling one dimensional scan generator	2020	Journal of Engineering Science and Technology

Al-Natour M.A.; Alazzo A.; Ghaemmaghami A.M.; Kim D.-H.; Alexander C.	Corrigendum to 'LC-MS metabolomics comparisons of cancer cell and macrophage responses to methotrexate and polymer-encapsulated methotrexate' [International Journal of Pharmaceutics: X Volume 1 (2019) 100036] (International Journal of Pharmaceutics: X (2019) 1, (S2590156719300507), (10.1016/j.ijpx.2019.100036))	2020	International Journal of Pharmaceutics: X
Hasan H.A.; Ismail K.J.A.; Shekho I.O.	Impact of Design Requirements for Facade Formation on the Functional Performance of the Balcony Space in Residential Apartments	2020	IOP Conference Series: Materials Science and Engineering
Saffar N.S.A.; Aghwan A.A.A.-R.	Nonlinear Finite Element Analysis of Shear Strength for Steel Fiber Reinforced Concrete I-Section Beams	2020	IOP Conference Series: Materials Science and Engineering
Maty H.N.; Hassan A.A.	Effect of supplementation of encapsulated organic acid and essential oil gallant+® on some physiological parameters of japanese quails	2020	Iraqi Journal of Veterinary Sciences
Abdulazeez A.I.; Al-Hashemi F.H.; Ibrahim B.Y.	EFFECT of FOLIAR APPLICATION of NANO-IRON and POTASSIUM on TWO CULTIVARS of (Freesia X hybrida)	2020	Plant Cell Biotechnology and Molecular Biology
Mohammed N.H.	Study on the blood protozoa in geese	2020	Iraqi Journal of Veterinary Sciences
Al-Taei R.A.H.G.; Al-Juthery H.W.A.; Al-Badrani W.A.A.	EFFECT of INOCULATION of MYCORRHIZAE, SPRAYED of NANOSEAWEEEDS EXTRACT and NANO SPECIFIC FERTILIZER on GROWTH and YIELD of WHEAT	2020	Plant Cell Biotechnology and Molecular Biology
Al-Badrani O.A.; Al-Shareefi I.Y.	CALCAREOUS NANNOFOSSILS BIOSTRATIGRAPHY OF THE SHIRANISH FORMATION FROM AJEEL-10 WELL, NORTH IRAQ	2020	Iraqi Bulletin of Geology and Mining
Al-Robaiee I.A.	Evaluating level of osteotrophic minerals in sheep in Mosul City, Iraq	2020	Veterinary Practitioner
Hamoo R.N.; Al-Rubaye F.S.; Mustafa N.G.	Genotyping study of fasciola gigantica isolated from cattle in Aqrah City, Iraq	2020	Iraqi Journal of Veterinary Sciences
Jawhar M.M.T.; Alellah M.A.	The detect dos attack from network traffic using gray Wolf optimization algorithm	2020	Journal of Engineering Science and Technology
Al-Baroodi S.Y.	Isolation and detection of reovirus from arthritis in chickens	2020	Iraqi Journal of Veterinary Sciences
Hussein E.; Aghwan S.	Uses of direct and indirect immuno-fluorescent techniques for demonstration of nematodes infection in sheep in Nineveh government	2020	Iraqi Journal of Veterinary Sciences
Aziz I.T.; Abdulqadder I.H.; Alturfi S.M.; Imran R.M.; Flaih F.M.F.	A Secured and Authenticated State Estimation Approach to Protect Measurements in Smart Grids	2020	2020 International Conference on Innovation and Intelligence for Informatics, Computing and Technologies, 3ICT 2020

Al-Kass Z.; Eriksson E.; Bagge E.; Wallgren M.; Morrell J.M.	Microbiota of semen from stallions in Sweden identified by MALDI-TOF: bacteria in stallion semen	2020	Veterinary and Animal Science
Yasin H.I.; Abdullah L.F.	Empirical Equations to Estimate Evapotranspiration in Mosul City	2020	Tikrit Journal of Engineering Sciences
Saleh M.Y.; Ayoub A.I.; Hammady A.O.	Synthesis biological studies of some new heterocyclic compound derived from 2-chloro-3-formyl quinoline and 4-(benzyl sulfonyl) acetophenone	2020	Egyptian Journal of Chemistry
Az-Zo'bi E.; Al-Amr M.O.; Yıldırım A.; AlZoubi W.A.	Revised reduced differential transform method using Adomian's polynomials with convergence analysis	2020	Mathematics in Engineering, Science and Aerospace
Al-Hamdany E.K.	Pathological study of some esophageal lesions of slaughtered sheep in mosul abattoir	2020	Iraqi Journal of Veterinary Sciences
Al-Jammas S.; Al-Saraj A.	The histological changes induced by cytarabine on rabbits livers (With and without vitamin E administration)	2020	Iraqi Journal of Veterinary Sciences
Al-Sofy K.M.; Al-Talib S.A.	Investigation of cartesian routing for unmanned aerial vehicle networks	2020	IOP Conference Series: Materials Science and Engineering
Abed M.N.; Alassaf F.A.; Qazzaz M.E.; Alfahad M.; Jasim M.H.M.	Insights into the Perspective Correlation Between Vitamin D and Regulation of Hormones: Thyroid and Parathyroid Hormones	2020	Clinical Reviews in Bone and Mineral Metabolism
Abbas M.M.; Hussain W.S.	Biostimulants of pepper and eggplant by using plants aqueous extract	2020	Plant Cell Biotechnology and Molecular Biology
Sharma S.; Chhokar J.; Curceanu C.; Czerwiński E.; Dadgar M.; Dulski K.; Gajewski J.; Gajos A.; Gorgol M.; Gupta-Sharma N.; Del Grande R.; Hiesmayr B.C.; Jasińska B.; Kacprzak K.; Kapłon Ł.; Karimi H.; Kisielewska D.; Klimaszewski K.; Korcyl G.; Kowalski P.; Kozik T.; Krawczyk N.; Krzemień W.; Kubicz E.; Mohammed M.; Niedzwiecki S.; Pałka M.; Pawlik-Niedzwiecka M.; Raczynski L.; Raj J.; Ruciński A.; Shivani S.; Shopa R.Y.; Silarski M.; Skurzok M.; Stępień E.Ł.; Wiślicki W.; Zgardzińska B.; Moskal P.	Estimating relationship between the time over threshold and energy loss by photons in plastic scintillators used in the J-PET scanner	2020	EJNMMI Physics
Ahmed H.H.; Ahmed A.R.; Darweesh S.Y.; Khodair Z.T.; Al-Jubbori M.A.	Processing of Turbine Blades Using Cermet Composite Materials	2020	Journal of Failure Analysis and Prevention
Kanam O.H.; Ibrahim A.H.	Simulation of dewatering system in a mine shaft using a prototype model driving by arduino microprocessor	2020	IOP Conference Series: Materials Science and Engineering
Awad E.M.; Rana M.A.; Al-Jubbori M.A.	Bulk etch rates of CR-39 at high etchant concentrations: diffusion-limited etching	2020	Nuclear Science and Techniques

Hassan A.I.M.; Al-Hammodi B.M.; Ramzi R.M.	A comparative study of the identification frequency and composition of bacteria isolated from catheter and urine in urologic patients: A single-center descriptive study	2020	Ukrainian Journal of Nephrology and Dialysis
Kassim H.H.; Al-Jubbori M.A.; Yousif M.M.; Ahmed I.M.; Sharrad F.I.	Nuclear Structure and Energy Levels of ¹⁵⁸ Er, ¹⁶⁰ Yb and ¹⁶² Hf Isotones	2020	IOP Conference Series: Materials Science and Engineering
Al-Sabaawy H.B.; Abdulla S.A.	Ovine's kidney lesions, a pathological study in tikrit city	2020	Veterinary Practitioner
Shihab A.S.; Ahmad A.M.	Performance Study of Tube Settlers in Removing Low Turbidity From The Tigris River Water Using a Bench Scale Model	2020	Tikrit Journal of Engineering Sciences
Al-Rashedy H.S.M.A.	Effect of cobalt and nickel on growth and some physiological aspects of mint (<i>Mentha spicata</i>)	2020	Plant Cell Biotechnology and Molecular Biology
Hassan M.G.; Abdullah T.A.	The effect of propolis addition to broiler feeds on some blood biochemical parameters and intestinal flora	2020	Iraqi Journal of Veterinary Sciences
Al-Allaff R.G.M.	The Correlation between the Body Mass Index and the Humoral Immune Response	2020	Scientific Journal of King Faisal University Basic and Applied Sciences
Al-Sarraj E.S.; Jankeer M.H.	Effect of pollutants of the tigris river water on activity of the acetylcholinesterase enzyme in brain tissues of cyprinus carpio and condrostoma regium	2020	Indian Journal of Ecology
Ibrahim A.A.; Yahya O.M.; Ibrahim M.A.	Theoretical prediction of possible drug treatment of covid-19 using coumarins containing chloroquine moiety	2020	Asian Journal of Chemistry
Al-Talib W.H.; Althanoon Z.A.	Effects of deferasirox therapy on high sensitivity creactive protein and oxidative stress markers in iron overloaded, beta-thalassemic patients	2020	Systematic Reviews in Pharmacy
Aldurze F.A.M.; Abdullah S.A.	Simulation And Analysis of An Intelligent Power System Stabilizer Using Fuzzy Logic	2020	Tikrit Journal of Engineering Sciences
Alomari N.K.; Yusuf B.; Mohammad T.A.; Ghazali A.H.	Influence of diversion angle on water and sediment flow into diversion channel	2020	International Journal of Sediment Research
Al-Juboury A.I.; Hussain S.H.; McCann T.; Aghwan T.A.	Clay mineral diagenesis and red bed colouration: A SEM study of the Gercus Formation (Middle Eocene), northern Iraq	2020	Geological Journal
Mohammed M.Y.; Omar O.M.	Effect of collecting source and soaking in humic acid of pine (<i>Pinus brutia</i> TEN.) seeds on germination and seedling growth	2020	Plant Cell Biotechnology and Molecular Biology
Al Ali Z.T.; Al Kababji A.M.; Shukur M.B.	Transcript Validation System using biometric characteristics	2020	3rd International Conference on Advanced Science and Engineering, ICOASE 2020
Fathee H.N.; Sahnoud S.; Abdul-Jabbar J.M.	A Robust Iris Segmentation Algorithm Based on Pupil Region for Visible Wavelength Environments	2020	2020 3rd International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2020
Abdullah R.M.; Basher R.; Abdulqader A.H.	A Multiple Handover Method by Using the Guide of Mobile Node	2020	Webology

Najem A.H.; Ahmad I.T.	DETECTION of SOME TYPES of OILS THAT INDUCE LIPASE PRODUCTION in SOME BACTERIAL ISOLATES	2020	IOP Conference Series: Materials Science and Engineering
Yasin H.I.; Al-Dabagh A.A.	Effect of Intermittent Water Application from Trickle Source on The Water Movement and Moisture Distribution in Layered Soil	2020	Tikrit Journal of Engineering Sciences
Kassim Y.Y.; Al-Jubbori M.A.; Ahmed I.M.; Abdullah H.Y.; Sharrad F.I.	Microscopic description of 170Er, 172Yb, 174Hf, 176W isotones	2020	IOP Conference Series: Materials Science and Engineering
Yousif S.Y.; Ali A.A.	Effect of probiotic acidophilus plus against infection with secondary hydatid disease in BALB /c mice	2020	Iraqi Journal of Veterinary Sciences
Alkotaji M.	Azithromycin and ambroxol as potential pharmacotherapy for SARS-CoV-2	2020	International Journal of Antimicrobial Agents
Alharbi F.; Alazmi K.F.; El Momani B.R.; Al-Muzian L.; Wertheimer M.; Almkhtar A.; Almuzian M.	Phone-based audience response system as an adjunct in orthodontic teaching of undergraduate dental students: a cross-over randomised controlled trial	2020	BMC Medical Education
Mustafa K.A.; Al-Baggou B.K.	Toxicological and neurobehavioral effects of chlorpyrifos and deltamethrin insecticides in mice	2020	Iraqi Journal of Veterinary Sciences
Khaniya A.; Ezzat S.; Cumston Q.; Coffey K.R.; Kaden W.E.	Ru(0001) and SiO ₂ /Ru(0001): XPS study	2020	Surface Science Spectra
Raczyński L.; Wiślicki W.; Klimaszewski K.; Krzemiński W.; Kopka P.; Kowalski P.; Shopa R.Y.; Bała M.; Chhokar J.; Curceanu C.; Czerwiński E.; Dulski K.; Gajewski J.; Gajos A.; Gorgol M.; Del Grande R.; Hiesmayr B.; Jasińska B.; Kacprzak K.; Kaplon L.; Kisielewska D.; Korcyl G.; Kozik T.; Krawczyk N.; Kubiec E.; Mohammed M.; Niedźwiecki S.Z.; Pałka M.; Pawlik-Niedźwiecka M.; Raj J.; Rakoczy K.; Ruciński A.; Sharma S.; Shivani S.; Silarski M.; Skurzok M.; Stepień E.L.; Zgardzińska B.; Moskal P.	3D TOF-PET image reconstruction using total variation regularization	2020	Physica Medica
Dabdoub B.R.; Mohammed R.H.; Abdulhadi H.L.	Ganoderma lucidum attenuates and prevents CCL4-Induced hepatic and renal damage in sprague - Dawley rats	2020	Systematic Reviews in Pharmacy
Aziz M.M.; Merie D.M.	Stability and chaos with mathematical control of 4-d dynamical system	2020	Indonesian Journal of Electrical Engineering and Computer Science
Hamid H.M.; Majeed K.G.; Saeed S.H.	Age-dependent changes in bone mineral density for males and females aged 10-80 years	2020	IOP Conference Series: Materials Science and Engineering
Abdulrazzaq G.; Khalaf M.M.; Merkhani M.M.	Allopurinol therapy impairs lipid metabolism in patients with renal stone	2020	Current Topics in Pharmacology
Ahmed D.H.; Mohammed M.S.; Jasim F.M.	Analysis of the interference pattern of the fiber interferometer and employing it as a motion sensor	2020	Iraqi Journal of Science

Ibraheem T.K.; A.m.al-Taei A.	Effect of Low-Density Polyethylene on the Stripping Properties under Fatigue Loading of Binder Layer of HMA Mixtures	2020	Tikrit Journal of Engineering Sciences
Alrefaee T.R.; Alabajee M.A.-A.	Solving Software Project Scheduling Problem using Whale Optimization Algorithm	2020	IOP Conference Series: Materials Science and Engineering
Dawood A.A.; Altobje M.A.	Inhibition of N-linked Glycosylation by Tunicamycin May Contribute to The Treatment of SARS-CoV-2	2020	Microbial Pathogenesis
Ismail H.K.; Al-Sabawy R.A.; Jumaa H.J.	Protective effect of placental mesenchymal stem cells on histological changes of pancreas experimentally induced by alloxane in mice	2020	Iraqi Journal of Veterinary Sciences
Zake Sheet L.M.	Calculation the Determinants of matrix by Permutation Algorithm by fixing two components by Computer	2020	IOP Conference Series: Materials Science and Engineering
Al-Sabaawy H.B.; Al-Kaisie B.I.	Effects of sub lethal concentrations of sodium fluoride on sperm activity and on the level of sex hormones of adult male albino rats	2020	Iraqi Journal of Veterinary Medicine
Moskal P.; Kisiielewska D.; Y. Shopa R.; Bura Z.; Chhokar J.; Curceanu C.; Czerwiński E.; Dadgar M.; Dulski K.; Gajewski J.; Gajos A.; Gorgol M.; Del Grande R.; C. Hiesmayr B.; Jasińska B.; Kacprzak K.; Kamińska A.; Kapłon Ł.; Karimi H.; Korcyl G.; Kowalski P.; Krawczyk N.; Krzemień W.; Kozik T.; Kubicz E.; Małczak P.; Mohammed M.; Niedźwiecki S.; Pałka M.; Pawlik-Niedźwiecka M.; Pędziwiatr M.; Raczyński L.; Raj J.; Ruciński A.; Sharma S.; Shivani S.; Silarski M.; Skurzok M.; Stępień E.Ł.; Vandenberghe S.; Wiślicki W.; Zgardzińska B.	Performance assessment of the 2 γ positronium imaging with the total-body PET scanners	2020	EJNMMI Physics
Kitchen P.; Salman M.M.; Abir-Awan M.; Al-Jubair T.; Törnroth- Horsefield S.; Conner A.C.; Bill R.M.	Calcein Fluorescence Quenching to Measure Plasma Membrane Water Flux in Live Mammalian Cells	2020	STAR Protocols
Sidqi R.; Mahmood M.N.	Investigating the Nonlinear Performance of Reinforced Concrete Shell Foundations	2020	IOP Conference Series: Materials Science and Engineering
Wang J.; Pu J.; Zama A.	Retraction Note to: Solutions of the Dirichlet–Schrödinger problems with continuous data admitting arbitrary growth property in the boundary (Advances in Difference Equations, (2016), 2016, 1, (33), 10.1186/s13662-016-0751-4)	2020	Advances in Difference Equations
Al-Ta'an S.A.; Abdul-Razzak A.A.	Geometrical and Material Nonlinear Finite Analysis of Fiber Reinforced Concrete Slabs	2020	IOP Conference Series: Materials Science and Engineering

Al-Taiee T.M.; Mustafa M.S.	Hydrodynamic Simulation of Flood Due to Hypothetical Momentary Mosul Dam Failure	2020	Tikrit Journal of Engineering Sciences
Gusley R.; Ezzat S.; Coffey K.R.; West A.C.; Barmak K.	Influence of the Seed Layer and Electrolyte on the Epitaxial Electrodeposition of Co(0001) for the Fabrication of Single Crystal Interconnects	2020	Journal of the Electrochemical Society
Ismael R.Y.; Omar F.K.	COLORIMETRIC ESTIMATION OF FUROSEMIDE BY OXIDATIVE COUPLING REACTION USING 2,4-DINITROPHENYLHYDRAZINE	2020	Biochemical and Cellular Archives
Younis Thanoun M.; Yaseen M.T.	A Comparative Study of Parkinson Disease Diagnosis in Machine Learning	2020	ACM International Conference Proceeding Series
Ismail H.Kh.; Alkshab A.A.; Al-Baker A.A.	Effect of orally-administered silver nanoparticles (AG-NPS) on some biochemical parameters in kidney of rats	2020	Indian Journal of Forensic Medicine and Toxicology
Al-Dabbagh Z.S.	Sustainable development and its role in containing crises: Corona virus pandemic crisis (COVID-19) in China as a model	2020	Journal of Public Affairs
Al-Kattan M.M.	Prophylactic effects of tomato and lemon juices on castrated healthy local male rabbits	2020	International Journal of Research in Pharmaceutical Sciences
Al-Tae S.K.; Kh.ismail H.; Al-Saidya A.M.; Al-Sabaawy H.B.	A Focus on Coronaviruses Infections in Animals: Review Article	2020	Journal of Applied Veterinary Sciences
Al-Jawadi E.A.M.; Majeed M.I.	Detection of irinotecan using titanium nanoparticles modified electrode	2020	Bulletin of the Chemical Society of Ethiopia
Shehab N.; Al-Sabawi N.; Taqa A.	Evaluation the effect of different laser powers on the Enterococcus faecalis infected root canals: An in vivo study	2020	Journal of International Oral Health
Al-Hashim M.A.; Al-Ameen Z.	Retinex-based multiphase algorithm for low-light image enhancement	2020	Traitement du Signal
Khaleel R.M.; Mohammed D.H.	Spectrophotometric Determination of tetracycline hydrochloride Using 2,4-dinitrophenyl hydrazine as Coupling Reagent	2020	Journal of Physics: Conference Series
Hamodat Z.A.	Cartilage oligomeric matrix protein: A biomarker for diagnostic and monitoring osteoarthritis	2020	Medical Journal of Babylon
Al-Assaf S.T.J.; Al-Rejaboo M.A.; Al-Daody A.-C.	Assessing the impact of quercetin isolated from Ammi Majus seeds upon candida spp. isolants isolated from different sources	2020	International Journal of Research in Pharmaceutical Sciences
Aljawady G.A.; Alsafi K.A.; Alnema M.M.	Immunohistochemical expression of visfatin in the gingival tissue of type II diabetes patients	2020	Annals of Tropical Medicine and Public Health
Muhamad L.M.; Qassem Y.Y.	Finding Bulk etch rate VB using the maximum value of the Lmax effect using practical diameters calculated from the falling alpha particles on the CR-39 nuclear track detector	2020	IOP Conference Series: Materials Science and Engineering

Mohammed M.M.; Othman N.S.; Al-Abady F.M.	Spectrophotometric Determination of Benzocaine via Oxidation and Bleaching Colour of Rifampicin Dye	2020	IOP Conference Series: Materials Science and Engineering
Alsarraf A.A.; Alobaidi M.M.	The effect of natural lighting on design of openings in hospital	2020	Journal of Green Engineering
Al-Khyate M.; Althanoon Z.A.; Alkazaz N.A.	Adherence and satisfaction of deferasirox versus deferoxamine in transfusion-dependent beta-thalassemia	2020	Indian Journal of Forensic Medicine and Toxicology
Al-Akkam N.M.; Al-Hafith H.A.H.	EFFECT OF INSULIN INJECTION ON BODY WEIGHT GAINED, SOME OF INTERNAL ORGAN WEIGHT AND CONSUMPTION FOOD IN BROILER CHICKEN	2020	Biochemical and Cellular Archives
Al-Khyate M.; A.althanoon Z.; A.alkazaz N.	Adherence and satisfaction of deferasirox versus deferoxamine in transfusion-dependent beta-thalassemia	2020	Indian Journal of Forensic Medicine and Toxicology
Qassim B.A.	The construction for the arcs (8,4)-from the two arcs (7,4)-in PG (2,q), q=5	2020	Journal of Physics: Conference Series
Obaida B.A.R.M.	CURING OF PLASMID DNA CONTENT OF YEAST DEBAROMYCES HANSENI ISOLATED LOCALLY FROM SOIL	2020	Biochemical and Cellular Archives
Ezzat A.M.; Mustafa B.M.; Uonis M.M.	Effect of heat and light on electrical properties of Si-CNT junction	2020	Malaysian Journal of Science
Yahia W.B.; Al-Neama M.W.; Arif G.E.	PNACO: Parallel algorithm for neighbour joining hybridized with ant colony optimization on multi-core system; [PNACO: ПАРАЛЛЕЛЬНЫЙ ГИБРИДНЫЙ АЛГОРИТМ ОБЪЕДИНЕНИЯ СОСЕДЕЙ В СОЧЕТАНИИ С ОПТИМИЗАЦИЕЙ КОЛОНИИ МУРАВЬЕВ НА МНОГОЯДЕРНОЙ СИСТЕМЕ]	2020	Bulletin of the South Ural State University, Series: Mathematical Modelling, Programming and Computer Software
Ismael S.S.; Al-Shamaa S.D.	Mutation in microtubule-associated protein tau mapt coding gene and its correlation with Alzheimer's disease	2020	International Journal of Research in Pharmaceutical Sciences
Abdulqadder I.H.; Zhou S.; Zou D.; Aziz I.T.; Akber S.M.A.	Bloc-Sec: Blockchain-Based Lightweight Security Architecture for 5G/B5G Enabled SDN/NFV Cloud of IoT	2020	International Conference on Communication Technology Proceedings, ICCT
Ismail H.Kh.; Ahmed-Alsaidya; Younis T.I.; Al-Bajari S.A.	The protective effect of annona extracts on renal histopathology induced by ethylene glycol in male rabbits	2020	Indian Journal of Forensic Medicine and Toxicology
Alkhashab A.A.; Dabdoub B.R.; Abdulhadi H.L.	PATHOLOGICAL CHANGES ASSOCIATED WITH TYPE 1 DIABETES IN THE CITY OF MOSUL	2020	Biochemical and Cellular Archives
Al-Qazaz H.K.; Yahya N.A.; Ibrahim D.K.	Knowledge, awareness, and practice of breast self-examination among females in Mosul city, Iraq	2020	Journal of Cancer Research and Therapeutics
Selevani Z.A.; Kashmola M.A.	Evaluation of protein C and protein S in women with unexplained recurrent pregnancy loss	2020	Annals of Tropical Medicine and Public Health

Algama Z.Y.; Qasim M.K.; Lee M.H.; Mohammad Ali H.T.	High-dimensional QSAR/QSPR classification modeling based on improving pigeon optimization algorithm	2020	Chemometrics and Intelligent Laboratory Systems
Mohammed M.H.; Ameen Y.M.Y.; Mohamed A.A.S.	Dish-Shape Magnetic Flux Concentrator for Inductive Power Transfer Systems	2020	International Journal of Electrical and Electronic Engineering and Telecommunications
Waheed M.O.; Hossain I.; Khodair Z.T.; Radhi F.S.; Al-Jubori M.A.; Abd-Aljbar A.A.; Sharrad F.I.	Some Electromagnetic Transition Properties of Odd-A Palladium Isotopes	2020	IOP Conference Series: Materials Science and Engineering
Al-Jumaa Z.M.; Ajaj E.A.; Dahl M.O.	Seroprevalence of canine hepatitis in stray dogs in Nineveh Province, Iraq	2020	Veterinary World
Shafiee S.A.; Perry S.C.; Hamzah H.H.; Mahat M.M.; Al-Iolage F.A.; Ramli M.Z.	Recent advances on metal nitride materials as emerging electrochemical sensors: A mini review	2020	Electrochemistry Communications
Yousuf R.M.	Measurement of radioactive contamination in some oil sites in Nineveh	2020	Journal of Physics: Conference Series
Kasim A.W.; Ghazal O.G.; Najm H.Y.	The effect of embedding a thin layer of a polymer on resistive switching characteristics for au/cdse/au structure	2020	International Journal of Nanoelectronics and Materials
Mohammed E.H.; Ameen A.M.; Sabah A.A.; Mustafa T.S.; Sulyman S.A.A.; Younus N.G.	Synthesis and Characterization of Mn(II), Fe(III), Co(II), Ni(II), and Cu(II) 1,3- Dimethylbenzotriazolium Salt Complexes and Their Uses for Decreasing of Sulfur in Diesel Oil	2020	Indian Journal of Heterocyclic Chemistry
Al-Jubory A.S.S.A.; Al-Jubory M.M.A.; Yaseen B.M.	Evaluate the Reality of the Requirements for the Application of Electronic Management and its Role in Enhancing Performance	2020	Proceedings - 2020 2nd Annual International Conference on Information and Sciences, AiCIS 2020
Al-Khafaf A.H.; Altaii H.A.; Al-Rawi N.F.; Hussein N.R.	ASSESSMENT OF THE RISK FACTORS OF HELICOBACTER PYLORI INFECTION AMONG PATIENTS WITH COMPLAINTS OF GASTROINTESTINAL DISEASE IN DUHOK GOVERNORATE, IRAQ	2020	Biochemical and Cellular Archives
Khalil M.I.	CRISPR/Cas9 design to knockout and knockin the breast cancer gene-BRCA1 in Arabidopsis thaliana	2020	Journal of Physics: Conference Series
Abdulqadder I.H.; Zhou S.; Zou D.; Aziz I.T.; Akber S.M.A.	Multi-layered intrusion detection and prevention in the SDN/NFV enabled cloud of 5G networks using AI-based defense mechanisms	2020	Computer Networks
Fahady S.S.	Assessing EFL Post Graduate Students' Writing Skills	2020	Asian EFL Journal
Mohi-Aldeen S.M.; Mohamad R.; Deris S.	Optimal path test data generation based on hybrid negative selection algorithm and genetic algorithm	2020	PLoS ONE
Hamed Al-Hassani O.M.	Role of MTHFR C667T and MTRR A66G genes polymorphism with thyroid disorders	2020	Journal of Physics: Conference Series
Al-Sabawi N.; Mohammad F.; Shehab N.	Residual antibacterial effect of calcium hydroxide combined with chlorhexidine gel as an intracanal medicament	2020	Indian Journal of Dental Research

Zidan R.N.A.; Majeed S.M.; Shaheen M.K.A.	Fabrication and evaluation of oral multi-particulate tablets of proton pump inhibitors: Esomeprazole as a model	2020	Systematic Reviews in Pharmacy
Ahmed E.S.; Khalil M.I.	EFFECT OF SMOKING ON DNA METHYLATION BY USING NEUROSPORA CRASSA FUNGI AS A MODEL	2020	Biochemical and Cellular Archives
AL-Abedi S.F.H.	COMPARATIVE STUDY FOR CANDIDA SPP ISOLATED AND IDENTIFICATION FROM GOATS MILK WITH MASTITIS BETWEEN API CANDIDA KIT TEST, CANDIDA CHROMOGENIC AGAR AND VITEK 2 SYSTEM	2020	Biochemical and Cellular Archives
Ramadan Z.J.; Hamed O.M.; Khalaf I.H.	DETECTION OF GENETIC VARIATION FOR SOME GENES THAT RELATED WITH RECURRENT SPONTANEOUS ABORTION IN NINEVEH PROVINCE	2020	Biochemical and Cellular Archives
Abduljalal M.H.; AL-Talib N.A.K.; Hamodat Z.M.A.	Correlation Between Serum Leptin Level and Blood Pressure In Hypertensive Versus Normotensive Females	2020	Biochemical and Cellular Archives
Tawfeeq N.Z.; Abed W.S.; Ghazal O.G.	A semantic model of morphological information retrieval: A comparative accumulative analysis	2020	Proceedings - 2020 2nd Annual International Conference on Information and Sciences, AiCIS 2020
Zedan I.A.; Al-Anaaz M.T.; Ibrahim S.M.	THE EFFECT OF THE RANKERON ON FULL-THICKNESS UMBILICAL WOUND HEALING IN DOGS	2020	Biochemical and Cellular Archives
Dhamra M.Y.; Al-Sabha T.N.	Spectrophotometric method for indirect determination of antihypertensive drugs in pharmaceuticals	2020	Egyptian Journal of Chemistry
Al-Safar R.S.; Othman N.S.	Spectrophotometric determination of sulphacetamide sodium via diazotization and coupling reaction	2020	IOP Conference Series: Materials Science and Engineering
Al-Hamdany E.K.; Al-Hbiti T.Y.	Nanonephrology in Veterinary Medicine: A Branch of Nanomedicine for Renal Diseases in Animals	2020	Journal of Applied Veterinary Sciences
Al-Dabbagh Z.S.	The Role of Decision-maker in Crisis Management: A qualitative Study Using Grounded Theory (COVID-19 Pandemic Crisis as A Model)	2020	Journal of Public Affairs
Kassim H.H.; Abd-Aljbar A.A.; Al-Jubbori M.A.; Abdullah H.Y.; Hossain I.; Sharrad F.I.	Properties of O(6)-U(5) transition symmetry for 122-124Cd isotopes in IBM	2020	IOP Conference Series: Materials Science and Engineering
Algarni Z.Y.; Qasim M.K.; Lee M.H.; Ali H.T.M.	QSAR model for predicting neuraminidase inhibitors of influenza A viruses (H1N1) based on adaptive grasshopper optimization algorithm	2020	SAR and QSAR in Environmental Research

Al-Hamdany N.A.S.; Al-Shaker Y.M.S.; Al-Saffawi A.Y.T.	APPLICATION OF NITRATE POLLUTION INDEX (NPI) TO EVALUATE THE HEALTH SAFETY OF WELLS WATER FOR SOME QUARTERS OF THE LEFTSIDE OF MOSUL CITY, IRAQ	2020	Biochemical and Cellular Archives
Faisal I.M.; Merkhan M.M.; Almkhtar H.M.	Effect of chronic Allopurinol therapy on Thyroid function in patients with urate stones	2020	Journal of Advanced Pharmacy Education and Research
Abdulqader O.Q.; Ahmed J.A.	Relationships between Interior and Exterior Spaces as a Factor of Efficient University Buildings	2020	International Journal of Design and Nature and Ecodynamics
Merkhan M.M.; Faisal I.M.; Alsalem D.Z.; Shindala O.M.; Almkhtar H.M.; Thanoon I.A.	Immunodepressant and oxidant potential of standard leukaemia drug regimen	2020	International Journal of Research in Pharmaceutical Sciences
Aladul M.I.; Kh. Al-Qazaz H.; Allela O.Q.B.	Healthcare professionals' knowledge, perception and practice towards COVID-19: A cross-sectional web-survey	2020	Journal of Pharmaceutical Health Services Research
Al-Hayali H.L.	Effect of hypervitaminosis d3 on liver, kidney functions in white rats	2020	International Journal of Research in Pharmaceutical Sciences
Dhahir D.M.; Ali Mraity H.A.; Abojassim A.A.; Najam L.A.; Yaqoub Al-Kazrajy H.Y.	Natural radioactivity levels in soil samples of some schools in Al-Shatrah City at Dhi Qar Governorate, Iraq	2020	Malaysian Journal of Science
Hassan B.A.; Owaid A.O.; Yasen Z.T.	A variant of hybrid conjugate gradient methods based on the convex combination for optimization	2020	Indonesian Journal of Electrical Engineering and Computer Science
Taha D.B.; Hasso S.A.; Taha T.B.	A new tamper detection algorithm for video	2020	Journal of Engineering Science and Technology
Jardow F.N.; Al-Naemi G.M.	A new hybrid conjugate gradient algorithm for unconstrained optimization with inexact line search	2020	Indonesian Journal of Electrical Engineering and Computer Science
Yonis R.A.; Al Selevany B.K.; Abdurrahman R.Y.	Does Prolactin Have a Role in Breast Cancer? A study of Women in Mosul City	2020	Annals of Tropical Medicine and Public Health
Al-Yakoob Z.T.M.; AlFaqe F.M.M.; Alsultan A.A.	Coronary Artery Bypass Grafting with Additional Procedures	2020	Journal of Cardiovascular Disease Research
Al-Abbasy O.Y.; Ali W.I.; Younis S.A.	STUDY ON INHIBITORY EFFECT OF ROSMARINUS OFFICINALIS L EXTRACTS AND QUERCITINE ON PARTIALLY PURIFIED COW'S BRAIN POLYAMINE OXIDASE	2020	Biochemical and Cellular Archives
Khalil Y.T.; Al-Jubbori M.A.	Track parameters investigate of oblique incident of alpha particles irradiated CR-39 detector	2020	IOP Conference Series: Materials Science and Engineering
Al-Dulamey Q.K.; Oraibi A.H.; Al-Salihi A.	Sunflower seed oil effect on some physiological cases of adult chickens. Running Title: Gamma ray effects as oxidant stress on several physiological cases	2020	Journal of Physics: Conference Series
Sangewar N.; Hassan W.; Lokhandwala S.; Bray J.; Reith R.; Markland M.; Sang H.; Yao J.; Fritz B.; Waghela S.D.; Abdelsalam K.W.; Chase C.C.L.; Mwangi W.	Mosaic Bovine Viral Diarrhea Virus Antigens Elicit Cross-Protective Immunity in Calves	2020	Frontiers in Immunology
Noori O.B.; Mustafa M.O.	Compressed extended kalman filter for sensorless control of asynchronous motor	2020	International Journal on Energy Conversion

Ahmed M.; Maume-Deschamps V.; Ribereau P.; Vial C.	Spatial risk measures for max-stable and max-mixture processes	2020	Stochastics
Al-Sultan A.M.; Jankeer M.H.	THE ROLE OF INDUSTRIAL POLLUTANTS ON SOME ANTIOXIDANTS AND LIPID PEROXIDATION FOR WORKERS IN DIFFERENT AREA OF MOSUL CITY, IRAQ	2020	Biochemical and Cellular Archives
Alnuimy A.A.A.; Hamodi H.M.A.	THE ROLE OF SHISHA SMOKE IN CAUSING HISTOPATHOLOGICAL AND TERATOGENIC EFFECTS ON PREGNANT MICE AND THEIR EMBRYOS	2020	Biochemical and Cellular Archives
Mohammed O.D.; Rantatalo M.	Gear fault models and dynamics-based modelling for gear fault detection – A review	2020	Engineering Failure Analysis
Al-Mashhadane F.A.	Effects of adenosine A2A receptor agonist on histopathology of some oral tissues in rabbits	2020	International Journal of Research in Pharmaceutical Sciences
Ismail S.T.; Sulaiman E.A.; Sulaiman N.A.	The effectiveness of acacia oral gel on wound healing in rabbits clinically and histopathologically	2020	International Journal of Research in Pharmaceutical Sciences
AL-Ashou S.M.; Yonis R.A.	ASSESSMENT OF THYROID PROFILE AND PROLACTIN LEVEL IN PRIMARY SUB-FERTILE WOMEN	2020	Biochemical and Cellular Archives
Al-Ameen Z.	Improving the contrast of aerial images using a new multi-concept algorithm	2020	IEIE Transactions on Smart Processing and Computing
Fathi Z.H.; Mohammad J.A.; Mohammed M.H.	Levels of myeloperoxidase, malondialdehyde and lipid profile in type 2 diabetic patients on metformin versus glibenclamide therapy	2020	Systematic Reviews in Pharmacy
ALI A.M.; MAHMOOD A.S.	The graph of e-abacus diagram	2020	WSEAS Transactions on Mathematics
Mohammed F. O. Khatib; Al-Muqdad S.W.; Abo R.K.; Merkel B.J.	Variable Reduction for Water Quality Investigation using VARCLUS Technique. A Case Study of Mosul Dam Lake, Northern Iraq	2020	Water Resources
Al Zobair A.A.; Jawher N.M.T.; Al Obeidy B.F.; Jasim B.I.	Frequency of new molecular subtypes of breast cancer in Mosul	2020	Annals of Tropical Medicine and Public Health
Ismael O.M.; Qasim O.S.; Algamil Z.Y.	Improving Harris hawks optimization algorithm for hyperparameters estimation and feature selection in v-support vector regression based on opposition-based learning	2020	Journal of Chemometrics
Majed Z.W.; Said S.A.; Shareef O.A.	Synthesis and kinetic study for the interconversion process of some 2'-hydroxychalcones to their corresponding flavanones	2020	Egyptian Journal of Chemistry
Saleem B.A.A.; Al-Jarah F.K.; Shekho N.H.	SPECTROPHOTOMETRIC ASSAY OF TETRACYCLINE IN PHARMACEUTICAL PREPARATION	2020	Biochemical and Cellular Archives

Sultan S.J.; Mohammed A.A.-H.	GENETIC TRANSFORMATION OF BROCCOLI (BRASSICA OLERACEA VAR. ITALICA) PLANT BY PLASMIDS OF A. RHIZOGENES R1601 AND THEIR MOLECULAR DETECTION	2020	Biochemical and Cellular Archives
Abed M.N.; Alassaf F.A.; Jasim M.H.M.; Alfahad M.; Qazzaz M.E.	Comparison of Antioxidant Effects of the Proton Pump-Inhibiting Drugs Omeprazole, Esomeprazole, Lansoprazole, Pantoprazole, and Rabeprazole	2020	Pharmacology
Majeed M.I.; Al-Jawadi E.A.M.	Electrochemical Biosensors for Determination of Anticancer Medicine Etoposide in Human Blood by Glassy Carbon Modified Electrode Based on Film of Poly (L-Lysine) with MWCNTS	2020	Journal of Physics: Conference Series
Al-Saffar M.T.; Mahmood A.S.; Sulaiman M.S.	Impact of local anesthesia on wound healing	2020	Indian Journal of Forensic Medicine and Toxicology
Andu Y.; Lee M.H.; Algamal Z.Y.	Variable selection of yearly high dimension stock market price using ordered homogenous pursuit lasso	2020	AIP Conference Proceedings
Albakri H.S.; Al-Lahaibi B.Y.; Suleiman E.G.	DIAGNOSTIC STUDY OF EIMERIA SPECIES IN EQUIDS IN MOSUL CITY	2020	Assiut Veterinary Medical Journal (Egypt)
Shanshal S.A.; Al-Qazaz H.K.	Spirometric Outcomes and Oxidative Stress Among Cement Factory Workers: Results From a Cross-Sectional Study	2020	Journal of Occupational and Environmental Medicine
Alfakhry A.A.	A comparative analytical study of some external finishing (Cladding) material in terms of their ability to spread fire in multi-story building facades in iraq	2020	International Journal of Safety and Security Engineering
AlMallah N.M.; Ghani M.Y.S.; Mohammed E.Z.	EFFECT OF SOME AGRICULTURAL CONTROL METHODS IN THE INFESTATION OF CORN STEM BORER SESAMIA CRETICA (LEPIDOPTERA: PHALAENIDAE)	2020	Biochemical and Cellular Archives
Hamodat Z.M.A.; Khaleel N.F.	STUDY ON SOME BIOCHEMICAL MARKERS FOR WOMEN AFFECTED WITH JOINT DISEASE	2020	Biochemical and Cellular Archives
Alhayali N.S.; Alneema M.S.; Suleiman E.G.	Detection of Giardia duodenalis in Cattle in Mosul City, Iraq	2020	Egyptian Journal of Veterinary Science(Egypt)
Mohammed A.A.; Mohammed N.M.	Achieving sustainability based on the integrative theory to rehabilitation the damaged cities (Mosul as a case study)	2020	Journal of Green Engineering
Al-Jubbori M.A.	V-function to investigate tracks of the alpha particle irradiated CR-39 detector	2020	Radiation Measurements
Abdul-Kadir F.N.; Mohammad K.K.; Hashim Y.	Investigation and design of ion-implanted MOSFET based on (18 nm) channel length	2020	Telkomnika (Telecommunication Computing Electronics and Control)
Kamal M.A.; Ibrahim L.M.; Al-Alusi A.A.	Dolphin and elephant herding optimization swarm intelligence algorithms used to detect Neris Botnet	2020	Journal of Engineering Science and Technology

Al-Sumaidaie M.A.H.; Al-Azzawi N.K.; Znad R.K.	Effect of Tectonostratigraphic Units in Evolving Aqra Anticline Model	2020	Iraqi National Journal of Earth Science
Saleh I.A.; Alawsi W.A.; Alsaif O.I.; Alsaif K.	A Prediction of Grain Yield Based on Hybrid Intelligent Algorithm	2020	Journal of Physics: Conference Series
Althanoon Z.; Faisal I.M.; Ahmad A.A.; Merkhan M.M.	Pharmacological aspects of statins are relevant to their structural and physicochemical properties	2020	Systematic Reviews in Pharmacy
Mustafa Sulaimaan A.E.; Kasm Yahya N.Y.	The Reverse construction of complete (k, n)-arcs in PG(2,q) where q=2,4,8 related with linear codes	2020	Journal of Physics: Conference Series
Shayal Alalam A.T.; Alalaf A.H.E.	Response of the olive seedlings of manzinillo variety to foliar spray with some growth stimuli	2020	Plant Cell Biotechnology and Molecular Biology
Al-Kawaz R.Z.; Al-Bayati A.Y.; Jameel M.S.	Interaction between an updated FR-CG algorithms with optimal Cuckoo algorithm	2020	Indonesian Journal of Electrical Engineering and Computer Science
AL-Dewachi S.O.; Kashmoola M.A.	Methyltetrahydrofolate reductase (MTHFR) mutations in healthy individuals in Ninawa Province, Iraq	2020	Annals of Tropical Medicine and Public Health
Khalaf A.H.; Mitras B.A.	Using Modified Conjugate Gradient Method to Improve SCA	2020	Journal of Physics: Conference Series
Sulyman E.Z.; Sulyman N.Z.	Preparation of polymeric composites from polypropylene and palm fronds and the study of some of their physical properties	2020	Baghdad Science Journal
Shanshal Z.M.; Al-Heety A.J.	Analyzing sensitivity and resolution of some electrical resistivity configurations for detecting subsurface cavities using inverted synthetic models by 2D electrical resistivity tomography technique	2020	Iraqi National Journal of Earth Science
Wafi Al-Taae H.H.; Al-Taae A.K.	Pestalotia: Crown rot disease of strawberry 1st report in Iraq	2020	Plant Cell Biotechnology and Molecular Biology
Al-Mutiwy A.T.A.; Shihab A.S.	Planktonic Foraminifera Biostratigraphy of Shiranish Formation in Piramagroon Anticline, NE Iraq	2020	Iraqi National Journal of Earth Science
Abed K.A.	Controlling of jerk chaotic system via linear feedback control strategies	2020	Indonesian Journal of Electrical Engineering and Computer Science
Hammok N.S.; Al-Mandeel F.A.	Effect of different application methods for pendimethalin herbicide on growth and productivity of green pea plant (Pisumsativum L.)	2020	Current Applied Science and Technology
Edan N.; Mahmood S.A.	Design and implement a new mechanism for audio, video and screen recording based on WebRTC technology	2020	International Journal of Electrical and Computer Engineering
Daabo A.; Kreshat Z.; Farhat R.; Rahawi K.; Mahmood A.; Lattimore T.	The suitability of microscale compressed air axial turbine for domestic solar powered Brayton cycle	2020	International Journal of Energy and Environmental Engineering
Hasan S.M.; Al-Jobouri H.A.; Jalal O.A.; Hasan J.A.; Najam L.A.	Determination the effect of gamma radiation on CR-39 detector by analysis of photoelasticity images using MATLAB software	2020	IOP Conference Series: Materials Science and Engineering

Altemimi A.B.; Mohammed M.J.; Yi-Chen L.; Watson D.G.; Lakhssassi N.; Cacciola F.; Ibrahim S.A.	Optimization of ultrasonicated kaempferol extraction from ocimum basilicum using a box-behnken design and its densitometric validation	2020	Foods
Al-Taie B.S.D.; Allawi M.Y.	Inhibition effect of green apple peel extracts on some types of pathogenic bacteria isolated from vagina	2020	Annals of Tropical Medicine and Public Health
Suhaib H. K.T.; Najim O.M.	Methods of Spatial Interpolation in the Representation of Soil Properties/Nineveh Governorate Soil Case Study	2020	IOP Conference Series: Materials Science and Engineering
Ismael O.A.; Ahmed M.I.	Using quality risk management in pharmaceutical industries: A case study	2020	Quality - Access to Success
Aldaoood A.	Impact of fine materials on the saturated and unsaturated behavior of silty sand soil	2020	Ain Shams Engineering Journal
Ameen T.; Chen L.; Xu Z.; Lyu D.; Shi H.	A convolutional neural network and matrix factorization-based travel location recommendation method using community-contributed geotagged photos	2020	ISPRS International Journal of Geo-Information
Al-Muqdadi S.W.H.; Abo R.; Khattab M.O.; Abdulhussein F.M.	Groundwater flow-modeling and sensitivity analysis in a hyper arid region	2020	Water (Switzerland)
Ahmad N.H.; Mohammad G.A.	Identification of Acinetobacter baumannii and Determination of MDR and XDR Strains	2020	Baghdad Science Journal
AL-Assaf S.T.J.; Abid H.A.; Al-Nuaymi A.-K.S.H.	Effect of commercial phytase enzyme, yeast extract and black cumin (Nigella Sativa) extract on some blood indicators and hormones of white rats	2020	Annals of Tropical Medicine and Public Health
Ahmed J.; Saeed A.	Urban sustainability between administrative decision-making and the environment source	2020	International Journal of Sustainable Development and Planning
Al-Shamaa S.D.	Extraction of keratin from chicken feather and its antibacterial activity	2020	Malaysian Journal of Biochemistry and Molecular Biology
Obaid AL-Jumaili M.M.; Al-Dulaimi F.K.Y.; Ajeel M.A.	The role of ganoderma lucidum uptake on some hematological and immunological response in patients with coronavirus (COVID-19)	2020	Systematic Reviews in Pharmacy
Al-Kateeb Z.N.; Al-Shamdeen M.J.; Al-Mukhtar F.S.	Encryption and Steganography a secret data using circle shapes in colored images	2020	Journal of Physics: Conference Series
Khaleel S.M.; Khalaf M.M.; Hasan M.S.	Potential Mitigation of Olanzapine-induced Derangement of Blood Sugars by Adding Aripiprazole to the Therapeutic Regimen of patients with Schizophrenia: A Follow-up Study	2020	Systematic Reviews in Pharmacy
Abdulhadi S.Y.; Hasan G.Q.; Gergees R.N.	Molecular detection and antimicrobial activity of Endophytic fungi isolated from a medical plant Rosmarinus officinalis	2020	Annals of Tropical Medicine and Public Health

Al-Fadhel M.S.; Mutib M.	Study of the Quaternary Deposits at the East and West Shoulders of Mosul Dam Using Azimuthal 2D Resistivity Imaging	2020	Iraqi National Journal of Earth Science
Fadhil A.B.; Saleh L.A.; Altamer D.H.	Production of biodiesel from non-edible oil, wild mustard (Brassica Juncea L.) seed oil through cleaner routes	2020	Energy Sources, Part A: Recovery, Utilization and Environmental Effects
Albanna A.; Fadhel M.N.; Al-Shaker Y.M.S.	Detection Beta-lactam residues in imported and local dairy products in Mosul city	2020	IOP Conference Series: Earth and Environmental Science
Fadhil A.B.; Nayyef A.W.; Al-Layla N.M.T.	Biodiesel production from nonedible feedstock, radish seed oil by cosolvent method at room temperature: evaluation and analysis of biodiesel	2020	Energy Sources, Part A: Recovery, Utilization and Environmental Effects
Al-Lhaebi S.F.; Al-Jubory A.I.; Al-Miamary F.A.	Sedimentological, Paleontological and Mineralogical Evidences for Oceanic Anoxic Event-2 (OAE-2) in the Gultneri Formation (Early Turonian), Northeastern Iraq	2020	Iraqi National Journal of Earth Science
Al-Juboury A.I.; Howard J.; Thusu B.; Nichols G.; Vincent S.J.; Kaye M.N.D.; Vautravers B.	Mineralogy, geochemistry and source potential of shale in the Cambro-Ordovician Khabour Formation, Iraq	2020	Journal of African Earth Sciences
Hassan A.I.; Al-Hammodi B.M.; Ramzi R.M.	Ureteroscopy in ureteric stone management: the need for laser lithotripsy and ancillary equipment	2020	Urologiia (Moscow, Russia : 1999)
Qazzaz M.E.; Alfahad M.; Alassaf F.A.; Abed M.N.; Jasim M.H.M.; Thanoon I.A.-J.	Effects of omega-3 on thyroid function tests in healthy volunteers	2020	Systematic Reviews in Pharmacy
Mohammed A.J.; Hasan T.M.; Mahmood B.	Citation networks iraqi universities case study	2020	2020 3rd International Conference on Engineering Technology and its Applications, IICETA 2020
Al-Aqeeli Y.H.; Mahmood Agha O.M.A.	Optimal Operation of Multi-reservoir System for Hydropower Production Using Particle Swarm Optimization Algorithm	2020	Water Resources Management
Al-Khalaif S.S.M.; Al-Mutwali M.M.	Biostratigraphy and Sequence Stratigraphy and Depositional Environment of Kolosh Formation in Dohuk Area, Northern Iraq	2020	Iraqi National Journal of Earth Science
Al Rawas A.S.; Slewa M.Y.; Bader B.A.; Habubi N.F.; Chiad S.S.	Physical characterization of nickel doped nanostructured tio2 thin films	2020	Journal of Green Engineering
Suliman A.H.A.; Awchi T.A.; Al-Mola M.; Shahid S.	Evaluation of remotely sensed precipitation sources for drought assessment in Semi-Arid Iraq	2020	Atmospheric Research
Algarnal Z.Y.; Asar Y.	Liu-type estimator for the gamma regression model	2020	Communications in Statistics: Simulation and Computation
Bashir M.A.; Giovannelli A.; Amber K.P.; Khan M.S.; Arshad A.; Daabo A.M.	High-temperature phase change materials for short-term thermal energy storage in the solar receiver: Selection and analysis	2020	Journal of Energy Storage
Abdulla A.A.A.; Kasm Yahya N.Y.	Application of Algebraic Geometry in Three Dimensional projective space PG (3,7)	2020	Journal of Physics: Conference Series
Younis I.T.; Shuker N.H.	Unit Regular Clean Rings	2020	Journal of Physics: Conference Series

Ali S.A.; Mohammad Y.O.; Lawa F.A.; Baziany M.M.; Al-Juboury A.I.	Early Cretaceous calciturbidites facies from Zagros Fold–Thrust belt: a key to paleogeography and environment of northeast Arabian Platform Passive Margin, examples from Kurdistan Region, Northeast Iraq—discussion	2020	Carbonates and Evaporites
Abdul-Hadi S.Y.; Owaid M.N.; Rabeea M.A.; Abdul Aziz A.; Jameel M.S.	Rapid mycosynthesis and characterization of phenols-capped crystal gold nanoparticles from Ganoderma applanatum, Ganodermataceae	2020	Biocatalysis and Agricultural Biotechnology
Al.Saffar F.A.; Al-Shalal A.H.A.	The effect of microbiology fertilization on the nitrogen fixation of wheat plant	2020	Systematic Reviews in Pharmacy
Alobaidy M.A.; Ebraheem S.K.	Application for Iraqi sign language translation on android system	2020	International Journal of Electrical and Computer Engineering
Buk A.A.Y.; Wali M.K.; Al-Timemy A.H.; Raoof K.	Hand Gesture Recognition Using Mechanomyography Signal Based on LDA Classifier	2020	IOP Conference Series: Materials Science and Engineering
Al-Thanoon N.A.; Qasim O.S.; Algamal Z.Y.	Variable selection in Gamma regression model using binary gray Wolf optimization algorithm	2020	Journal of Physics: Conference Series
Jebur B.A.; Awny S.N.; Alkassar S.H.; Tsimenidis C.C.	End-to-end performance analysis of full-duplex AF-UAV relay networks: Tight-lower bound ASER	2020	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC
Hassan A.A.; Khan I.U.H.; Ganz S.; Wehrend A.; Failing K.; Eisenberg T.; Abdulmawjood A.; Bülte M.	Assessing efficacy of N-Acetyl-L-Cysteine–Sodium Hydroxide on bacterial viability and enhanced recovery of Mycobacterium avium subsp. paratuberculosis from bovine colostrum	2020	Journal of Microbiological Methods
Ahmed A.A.; Abdullah R.A.	Optimization of single-mode electrically-pumped ZnO nanowire laser design structure with distributed Bragg reflector	2020	Journal of Optoelectronics and Advanced Materials
Omar N.; McCann T.; Al-Juboury A.I.; Franz S.O.	Petrography and geochemistry of the middle–upper jurassic banik section, northernmost iraq – implications for palaeoredox, evaporitic and diagenetic conditions	2020	Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen
Al-Bayati A.Y.; Ali M.M.M.	New multi-step three-term conjugate gradient algorithms with inexact line searches	2020	Indonesian Journal of Electrical Engineering and Computer Science
Qasim O.S.; Al-Thanoon N.A.; Algamal Z.Y.	Feature selection based on chaotic binary black hole algorithm for data classification	2020	Chemometrics and Intelligent Laboratory Systems
Al-Kass Z.; Guo Y.; Vinnere Pettersson O.; Niazi A.; Morrell J.M.	Metagenomic analysis of bacteria in stallion semen	2020	Animal Reproduction Science
Mahmmoud E.N.	Comparison of preservation methods of staphylococcus aureus and escherichia coli bacteria	2020	Journal of Pure and Applied Microbiology
Al-Arbo A.A.; Al-Kawaz R.Z.	Implementation of combined new optimal cuckoo algorithm with a gray Wolf algorithm to solve unconstrained optimization nonlinear problems	2020	Indonesian Journal of Electrical Engineering and Computer Science

Hadi E.H.; Hmam Salih F.M.; Slewa M.Y.; Bader B.A.; Habubi N.F.	Fabrication and characterization of vanadium doped nanostructured cdo thin films to improve the energy band gap	2020	Journal of Green Engineering
Awany S.N.; Jebur B.A.; Tsimenidis C.C.; Chambers J.	End-to-end performance of a 4/16-QAM hierarchical modulation scheme over rician fading channels	2020	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC
Al-Sabawi N.; Yahya M.; Shehab N.	Effect of four different root canal obturation techniques on marginal adaptation of bioceramic sealer: An in vitro scanning electron microscopic study	2020	Journal of International Oral Health
Alamoodi A.H.; Garfan S.; Zaidan B.B.; Zaidan A.A.; Shuwandy M.L.; Alaa M.; Alsalem M.A.; Mohammed A.; Aleesa A.M.; Albahri O.S.; Al-Hussein W.A.; Alobaidi O.R.	A systematic review into the assessment of medical apps: motivations, challenges, recommendations and methodological aspect	2020	Health and Technology
Hayawi H.A.A.	Employ the Principle Components in the Detection of Feedback	2020	Journal of Physics: Conference Series
AL-Allaf A.F.; Jabbar A.I.A.	Reconfigurable nonlinear gred algorithm	2020	International Journal of Computing and Digital Systems
Hassan B.A.; Al-Naemi G.M.	A new quasi-newton equation on the gradient methods for optimization minimization problem	2020	Indonesian Journal of Electrical Engineering and Computer Science
Mohammed Ahmed A.A.A.; Khalid W.K.	Effect of cutting type, IBA and wounding on the rooting of assyrian plum Cordia myxa L.	2020	Plant Cell Biotechnology and Molecular Biology
Al-Hamed S.T.; Aswad K.J.; Aziz N.R.	Geochemistry and Petrogenesis of Dioritic-Gabbroic Pegmatites in the Bulfat Complex, Qala Diza, Northeastern Iraq	2020	Iraqi National Journal of Earth Science
Al-Miamary F.A.; Al-Jubory A.I.; Al-Lhaebi S.F.	Sedimentological and Biological indicators of oceanic anoxic events (1d) inside upper Balambo Formation, L. Albian, northeastern Iraq	2020	Iraqi National Journal of Earth Science
Othman A.A.; Hasan T.M.; Hasoon S.O.	Impact of dimensionality reduction on the accuracy of data classification	2020	2020 3rd International Conference on Engineering Technology and its Applications, IICETA 2020
Edan N.; Abdullah E.Y.	Design and implementation of a novel secured and wide WebRTC signalling mechanism for multimedia over internet	2020	International Journal of Electrical and Computer Engineering
Jawad Muharram Al-Bayati H.	Effect of Organic and Inorganic Fertilizers on Growth and Yield of Hybrid Cucumber Cucumis sativus L. Grown under Unheated Plastic House	2020	IOP Conference Series: Earth and Environmental Science
Razzaq Zubair O.A.; Mohammad M.Y.	Prevalent sources of enteric fevers among women in Mosul City	2020	Annals of Tropical Medicine and Public Health
Al-Aareji J.M.A.; Bani S.H.S.	Rspose of Dixired Peach Trees to Sulphur and Iron Application	2020	IOP Conference Series: Earth and Environmental Science
Alsharabi N.S.	Estimating Shrinkage Parameter of Generalized Liu Estimator in Logistic Regression Model	2020	Journal of Physics: Conference Series

Al-Enizzi M.S.; Sheej Ahmad O.A.; Al-Sabha T.N.	Spectrophotometric determination of dapsone using charge transfer complex formation reaction	2020	Egyptian Journal of Chemistry
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Dawood A.A.	Mutated COVID-19 may foretell a great risk for mankind in the future	2020	New Microbes and New Infections
Thannon A.H.; Mahmood S.E.; Ahmed F.Y.H.	Using Rational Unified Process in Indoor Navigation application for Android Smart Phones	2020	ISCAIE 2020 - IEEE 10th Symposium on Computer Applications and Industrial Electronics
Ahmed T.W.; Aljubory N.H.; Zidan R.S.	Properties and Performance of Polypropylene Fiber Reinforced Concrete: A review	2020	Tikrit Journal of Engineering Sciences
Mohammed Sajed O.K.; Glover P.W.J.	Dolomitisation, cementation and reservoir quality in three Jurassic and Cretaceous carbonate reservoirs in north-western Iraq	2020	Marine and Petroleum Geology
Al-dulaimi F.K.Y.; Al-Tarjuman J.K.; MullaAbid F.N.	Effects of cordyceps sinensis fungus on some physiological parameters of mice infected by acrylamide	2020	Biochemical and Cellular Archives
Dalalbashi A.A.Y.; Alhatem J.Y.	Morphological and anatomical study of some Italian pear leaves Pyrus communis L. cultivated in Iraq	2020	AIP Conference Proceedings
Alsarraaf A.A.; Alobaidi M.M.	Advanced Techniques in Design Openings of Smart Facades in Buildings	2020	IOP Conference Series: Materials Science and Engineering
Sabeeh J.S.R.O.N.	Leishman's dye as a novel reagent in spectrophotometric determination of chloramphenicol	2020	International Journal of Drug Delivery Technology
Zaidan A.A.; Zaidan B.B.; Alsalem M.A.; Albahri O.S.; Albahri A.S.; Qahtan M.Y.	Multi-agent learning neural network and Bayesian model for real-time IoT skin detectors: a new evaluation and benchmarking methodology	2020	Neural Computing and Applications
Yunos A.M.; Omar G.; Salim M.A.; Masripan N.A.; Al-Mola M.H.A.	The effect of temperature on the electrical conductivity and microstructure behaviour of silver particles	2020	International Journal of Nanoelectronics and Materials
Hussein S.H.; Al-Rawe M.A.A.	Real Time Speed Control of the DC Motor in LABVIEW	2020	2020 7th International Conference on Electrical and Electronics Engineering, ICEEE 2020
Almukhtar H.M.; Faisal I.M.; Merkhan M.M.	Effects of statins on platelet count in hyperlipidemic patients	2020	International Journal of Pharmaceutical Research

Al-Shanona R.A.; Al-Assaf A.Y.R.; Al-Saffawi A.Y.T.	Assessment of the health safety of bottled drinking water in Iraqi local markets using the WQI model	2020	AIP Conference Proceedings
Abbawi A.; Ismael I.; Alyozbaky O.S.	Comparison between Two Methods to Analyze Multiple Faults in IEEE 14-Bus	2020	2020 7th International Conference on Electrical and Electronics Engineering, ICEEE 2020
Ali G.G.; Karomi I.B.; Sulaiman A.A.; Mohammed A.M.	Properties of P-type porous silicon bombarded by neutrons	2020	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms
Sultan N.A.; Thanoon K.H.; Ibrahim O.A.	Ethical Hacking Implementation for Lime Worm Ransomware Detection	2020	Journal of Physics: Conference Series
Al-Haj M.A.	Sedimentological Study of the Hartha Formation in Selected Oilfields, Northern Iraq	2020	Iranian Journal of Science and Technology, Transaction A: Science
Al-Khafaji Z.H.A.; Dwaish A.S.	Molecular detection of toxogenic cyanobacteria isolated from tigris river in baghdad city –Iraq	2020	Indian Journal of Forensic Medicine and Toxicology
Zaidan A.A.; Zaidan B.B.; Alsalem M.A.; Momani F.; Zughoul O.	Novel Multiperspective Hiring Framework for the Selection of Software Programmer Applicants Based on AHP and Group TOPSIS Techniques	2020	International Journal of Information Technology and Decision Making
Jaafer A.J.A.; Al-Saffawi A.Y.T.	Application of the logarithmic Water Qualityindex (WQI) to evaluate the wells water in al-rashidiyaarea, north mosul for drinkingand civilian uses	2020	Plant Archives
Taha D.B.; Taha T.B.; Dabagh N.B.A.	A comparison between the performance of DWT and LWT in image watermarking	2020	Bulletin of Electrical Engineering and Informatics
Al-Dulaimi F.K.Y.; Al-Tarjuman J.K.; Mulla Abid F.N.	Inhibitory activity of Saccharomyces cerevisiae, Rhodotorulaglutinis and Lactobacillus spp against Escherichia coli isolated from children diarrhea infection	2020	Annals of Tropical Medicine and Public Health
Cabalar A.F.; Khalaf M.M.; Isik H.	A comparative study on the undrained shear strength results of fall cone and vane shear tests in sand–clay mixtures	2020	Arabian Journal of Geosciences
Ghazal M.T.; Abdullah K.	Face recognition based on curvelets, invariant moments features and SVM	2020	Telkomnika (Telecommunication Computing Electronics and Control)
Mohammed A.Y.; Golijanek-Jędrzejczyk A.	Estimating the uncertainty of discharge coefficient predicted for oblique side weir using Monte Carlo method	2020	Flow Measurement and Instrumentation
Najemalden A.M.; Ibrahim S.W.; Ahmed M.D.	Prediction of collapse potential for gypseous sandy soil using ANN technique	2020	Journal of Engineering Science and Technology
Hamodat A.A.; Alhafiz B.E.	Application of computer simulation technology to study the impact of water mirror as a contemporary urban elements on environmental behaviour in the traditional urban areas	2020	AIP Conference Proceedings
Al-Ameen Z.	Satellite image enhancement using an ameliorated balance contrast enhancement technique	2020	Traitement du Signal

Gagrani A.; Alsultan M.; Swiegers G.F.; Tsuzuki T.	Comparative evaluation of the structural and other features governing photo-electrochemical oxygen evolution by Ca/Mn oxides	2020	Catalysis Science and Technology
Mohammed Ali A.A.; Zidan R.S.; Ahmed T.W.	Evaluation of high-strength concrete made with recycled aggregate under effect of well water	2020	Case Studies in Construction Materials
Luhaib S.W.O.; Bakr M.S.; Hunter I.C.; Somjit N.	Compact triple-mode microwave dielectric resonator filters	2020	International Journal of Electronics Letters
Al-Obeidi A.S.; Al-Azzawi S.F.	Chaos synchronization in a 6-D hyperchaotic system with self-excited attractor	2020	Telkomnika (Telecommunication Computing Electronics and Control)
Hussain K.J.; AL-Farwachi M.I.; Hassan S.D.	Molecular and phylogenic analysis of bovine respiratory syncytial virus in Nineveh province, Iraq	2020	Journal of World's Poultry Research
Ahmed Al-Sabaawi A.M.; Karacan H.; Yenice Y.E.	Exploiting implicit social relationships via dimension reduction to improve recommendation system performance	2020	PLoS ONE
Al-Hafidh N.N.; Al-Khatib A.R.; Al-Hafidh N.N.	Assessment of the cortical bone thickness by CT-scan and its association with orthodontic implant position in a young adult Eastern Mediterranean population: A cross sectional study	2020	International Orthodontics
Al-Waly L.A.M.; Al-Wily M.A.S.; Ibrahim R.H.	Nurses' knowledge regarding pneumonia in children under five years of age at pediatric wards in kirkuk teaching hospitals	2020	Indian Journal of Forensic Medicine and Toxicology
AL-Tarjuman J.K.; MulaAbed F.N.; Qasim H.A.; AL-Dulaimi F.K.Y.	The effect of diluted foliar fertilizer with magnetic treated water in vegetable growth characteristics and productivity of tomato	2020	Plant Archives
Aliraqi O.M.; Al-Jammaly M.M.; Alhankawe O.K.; Al-Farwachi M.I.; Dahl M.O.	Preliminary Prevalence and Risk Factors of Mycobacterium bovis in Local and Imported Breeds of Cattle and Buffaloes in Mosul city, Iraq	2020	Egyptian Journal of Veterinary Science(Egypt)
Al-Hially A.A.A.; Al-Hamadany S.M.	Pathological Study of Respiratory System in Ducks in Mosul City, Iraq	2020	Biochemical and Cellular Archives
Mohammed A.S.; Ibraheem F.F.R.	Response of onion plants to humic acid application and spraying with liquid fertilizer on growth and yield og green onion	2020	Plant Archives
Alhussary B.N.; Taqa G.A.; Taqa A.A.	Preparation and Characterization of Natural Nano Hydroxyapatite from Eggshell and Seashell and Its Effect on Bone Healing	2020	Journal of Applied Veterinary Sciences
Almasslawi A.; Ekmekyapar T.; AL-Eliwi B.J.M.	Retraction Note: Repair of Buckled Concrete Filled Steel Tube Columns Subjected to Axial Compression (KSCE Journal of Civil Engineering, (2020), 24, 5, (1499-1508), 10.1007/s12205-020-0321-x)	2020	KSCE Journal of Civil Engineering
Al-Amr M.O.; Rezazadeh H.; Ali K.K.; Korkmazki A.	N1-soliton solution for Schrödinger equation with competing weakly nonlocal and parabolic law nonlinearities	2020	Communications in Theoretical Physics

Ibrahim A.; Hiripitiyage Y.; Peltier E.; Sturm B.S.M.	Use of Halophilic Bacteria to Improve Aerobic Granular Sludge Integrity in Hypersaline Wastewaters	2020	Environmental Engineering Science
Taha I.G.; Al-Shaheen A.J.A.; Mahmoud E.S.; Hussein F.Y.	The Effect Of Green Tea On Some Biochemical Parameters In Blood And Tissues Of Male Rabbits Treated With Hydrogen Peroxide	2020	Biochemical and Cellular Archives
Al-Talib Z.S.; Al-Azzawi S.F.	Projective and hybrid projective synchronization of 4-D hyperchaotic system via nonlinear controller strategy	2020	Telkomnika (Telecommunication Computing Electronics and Control)
Al-Hamdany N.A.S.; Al-Shaker Y.M.S.; Al-Saffawi A.Y.T.	Water quality assessment using the nsfwqi model for drinking and domestic purposes: A case study of groundwater on the left side of mosul city, iraq	2020	Plant Archives
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Jasim A.M.; Abd H.M.; Abdul-Jabbar J.M.	Complexity reduction of slantlet transform structure based on the multiplierless realization	2020	Journal of Engineering Science and Technology
Al Kazzaz S.A.S.; Ismael I.; Mohammed K.K.	Fault detection and location of power transmission lines using intelligent distance relay	2020	International Journal of Power Electronics and Drive Systems
Jasim A.I.; Awchi T.A.	Regional meteorological drought assessment in Iraq	2020	Arabian Journal of Geosciences
Al-Hanoona R.A.A.; Al-Maathide A.T.H.; Al-Asaaf A.Y.R.	The environmental status of tigris river water in mosul city, northern of iraq	2020	Plant Archives
Kitchen P.; Salman M.M.; Halsey A.M.; Clarke-Bland C.; MacDonald J.A.; Ishida H.; Vogel H.J.; Almutiri S.; Logan A.; Kreida S.; Al-Jubair T.; Winkel Missel J.; Gourdon P.; Tömröth-Horsefield S.; Conner M.T.; Ahmed Z.; Conner A.C.; Bill R.M.	Targeting Aquaporin-4 Subcellular Localization to Treat Central Nervous System Edema	2020	Cell
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Atiyea Q.M.; Kareem P.A.; Aldowri H.S.; Younis R.W.	Molecular and bacteriological study of methicillin resistant staphylococcus aureus isolated from different sources	2020	Plant Archives
Rajab R.H.; Ahmad H.H.	Simulation of heat transfer in a heat pipe with an air cooled finned condenser	2020	International Journal of Mechanical and Production Engineering Research and Development
Hassan A.A.; Ganz S.; Schneider F.; Wehrend A.; Khan I.U.H.; Failing K.; Bülte M.; Abdulmawjood A.	Quantitative assessment of German Holstein dairy cattle colostrum and impact of thermal treatment on quality of colostrum viscosity and immunoglobulins	2020	BMC Research Notes

Rabih L.; Rasool R.A.; Hussein A.K.	Characteristics and optical properties of nitrogen ions implanted tio2 thin film prepared by reactive dc sputtering technique	2020	Digest Journal of Nanomaterials and Biostructures
Mohammed M.J.; Ebraheem H.A.	Gas chromatography-mass spectrometry profiling of pimpinella anisum oils and its antimicrobial and antioxidant activities	2020	International Journal of Pharmaceutical Quality Assurance
Al-babily E.O.; Tawfeek F.K.H.	ALPHA-LIPOIC ACID EFFECT ON MEMORY IMPAIRMENT IN AGED RATS INDUCED BY GALACTOSE	2020	Biochemical and Cellular Archives
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Abdulkareem K.H.; Arbaiy N.; Zaidan A.A.; Zaidan B.B.; Albahri O.S.; Alsalem M.A.; Salih M.M.	A Novel Multi-Perspective Benchmarking Framework for Selecting Image Dehazing Intelligent Algorithms Based on BWM and Group VIKOR Techniques	2020	International Journal of Information Technology and Decision Making
Saleh E.A.-K.; Jasim T.H.	ON Ngra0-closed set and Ngra0-continuity with their Applications	2020	Journal of Physics: Conference Series
Al-Kishawi S.A.; Abdul-Jabbar J.M.; Ali Q.I.	Design and realization of less-complex wavelet-based transceivers	2020	Journal of Engineering Science and Technology
Hasan M.Z.; Al-Rizzo H.	Beamforming optimization in internet of things applications using robust swarm algorithm in conjunction with connectable and collaborative sensors	2020	Sensors (Switzerland)
Sarsam L.A.; Mohammed S.A.; Fathe S.A.	Spectrophotometric and RP-HPLC methods for determining cefotaxime sodium in pharmaceutical preparations	2020	Asian Journal of Chemistry
Al Zobair A.A.; Jasim B.I.; Al Obeidy B.F.; Jawher N.M.T.	Prognostic impact of hormone and HER2 status on the prognosis of breast cancer in Mosul	2020	Annals of Tropical Medicine and Public Health
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Jasim T.H.; Awad A.I.	Separation Axioms via Graph Theory	2020	Journal of Physics: Conference Series
Khairullah S.S.; Elks C.R.	Self-repairing hardware architecture for safety-critical cyber-physical-systems	2020	IET Cyber-Physical Systems: Theory and Applications
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Saeed A.M.A.; Salih E.S.	Indirect spectrofluorometric method for the determination of cefotaxime sodium, ciprofloxacin hydrochloride and famotidine in pharmaceuticals using bromate-bromide and acriflavine dye	2020	Baghdad Science Journal

Sulaiman J.M.A.; Ismail M.M.; Rafeeq S.N.; Mandal A.	Enhancement of electromagnetic interference shielding based on Co _{0.5} Zn _{0.5} Fe ₂ O ₄ /PANI-PTSA nanocomposites	2020	Applied Physics A: Materials Science and Processing
Al-Attraqchi O.H.A.; Deb P.K.; Al-Attraqchi N.H.A.	Review of the phytochemistry and pharmacological properties of valeriana officinalis	2020	Current Traditional Medicine
Ayoob A.K.; Fadhil A.B.	Valorization of waste tires in the synthesis of an effective carbon based catalyst for biodiesel production from a mixture of non-edible oils	2020	Fuel
Omar N.S.	Translating prohibition in Arabic Poetic lines into english	2020	Onomazein
Atarbashe R.K.; Abu-Raghif A.	The therapeutic effects of ambrisentan on experimentally induced colitis in a male rat's models	2020	Annals of Tropical Medicine and Public Health
Suleiman E.G.; Altaee A.F.	MICROSCOPIC AND MOLECULAR STUDY OF BABESIA SPP. BABESIA BOVIS AND BABESIA BIGEMINA IN MOSUL CITY-IRAQ	2020	Assiut Veterinary Medical Journal (Egypt)
Ali S.H.; Mustafa F.A.	Evaluation of the population distribution using GIS-based geostatistical analysis in Mosul City	2020	Korean Journal of Remote Sensing
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Al-Hassani O.M.H.	Some biochemical markers and methylene tetrahydrofolate reductase gene polymorphism that association with different type of smoking	2020	AIP Conference Proceedings
Qubaa A.R.; Alsayiegh A.T.	Detecting the Tigris River Flood and its Impact on Residential and Touristic Areas in Mosul City Using Sentinel-2 Satellite Images	2020	Iraqi National Journal of Earth Science
Hamdon A.N.	Morphotectonic Evidences for Strike-Slip Component of the Reverse Fault at the Southeastern Plunge of Bashiqa Anticline	2020	Iraqi National Journal of Earth Science
Hamodat Z.M.A.; Al-Talib N.A.	Evaluation the levels of Lactate dehydrogenase (LDH), Alkaline phosphatase (ALP), Calcium and Phosphorus in Iraqi non-Hodgkin lymphoma patients treated and untreated	2020	Eurasia Proceedings of Science, Technology, Engineering and Mathematics
Ibraheem F.F.R.; Al-Lella W.B.M.; Al-Bayati H.J.M.	Effect of planting method, set size and nitrogen fertilization on growth and yield of green onion allium cepa l.	2020	Indian Journal of Ecology
Abdullah D.B.; Mahmood B.	Network-Based Bibliometric Method for Analyzing Collaboration and Publishing Tendencies	2020	Proceedings of the 6th International Engineering Conference "Sustainable Technology and Development", IEC 2020
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Salih N.A.; Al-Baggou B.K.	Effect of memantine hydrochloride on cisplatin-induced neurobehavioral toxicity in mice	2020	Acta Neurologica Belgica
Abdel-Hadi S.Y.	Purify and characterize the xylanase from the local isolation of trichoderma longibrachiatum	2020	Journal of Global Pharma Technology
Khalil M.I.	Identification of Cladosporium sp. Fungi by in- silico RFLP-PCR	2020	Baghdad Science Journal
Dahl M.O.; De Vries A.; Galvão K.N.; Maunsell F.P.; Risco C.A.; Hernandez J.A.	Combined effect of mastitis and parity on pregnancy loss in lactating Holstein cows	2020	Theriogenology
Hasan I.F.; Saeed Y.N.	Trend Analysis of Hydrological Drought for Selected Rivers in Iraq	2020	Tikrit Journal of Engineering Sciences
Aljawadi Z.	The effect of protein fractions of avocado (Persea Americana) on biochemical parameters in a diabetic rat model	2020	Romanian Journal of Diabetes, Nutrition and Metabolic Diseases
Abdullah B.N.; Alsaffawi A.M.	Enhancement of Heat Exchanger Effectiveness by Using Water- Al2O3 as a working substance	2020	Journal of Thermal Engineering
Khalil M.I.	In silico detection of DNA methylation in fungi Neurospora crassa genes, rid-1 and dim-2	2020	AIP Conference Proceedings
Al-Talib B.A.M.; Hammodat A.A.	Using Some Wavelet Shrinkage Techniques and Robust Methods to Estimate the Generalized Additive Model Parameters in Non-Linear Models	2020	International Journal on Advanced Science, Engineering and Information Technology
Almula-Dhanoon M.; Dhannoon M.A.; Al-Salman M.M.; Hammadi M.F.	Do fdi and domestic investment affect unemployment in mena countries? Dynamic panel data analysis	2020	Journal of Contemporary Iraq and the Arab World
Nejres A.M.; Mohamed S.K.	Assessment of environmental pollution with heavy metals in the soil of mosul city	2020	Indian Journal of Environmental Protection
Thanoun M.Y.; Aleesa A.M.	Routing, significant and applications of mobile ad-hoc wireless sensor networks	2020	Journal of Computational and Theoretical Nanoscience
Abdulnafa M.D.; Al-Dabbagh A.W.; Mahmood M.S.	Comparison of results of pre-consolidation of soft soil using analytical and finite element software	2020	IOP Conference Series: Materials Science and Engineering
Hassan A.S.; Ajeel A.A.; Mohammad R.S.; Fadel R.A.	Antimicrobial action of allium sativum and elettaria cardamomum against streptococcus mutans and lactococcus raffinolactis detachment of tooth rot	2020	Journal of Global Pharma Technology
Al-Talib N.A.; Abduljala M.H.; Hamodat Z.M.A.	A review on staphylococcus sp. And its pathogens	2020	International Journal of Research in Pharmaceutical Sciences
Al-Neima M.Th.; Mohammed A.A.	Proving the equality of the spaces qbr (A), qbl (a) and bl(x) where X is a complex banach space	2020	Iraqi Journal of Science
Yaseen A.T.	The Effect of Alcoholic and Aqueous Extract of Piper nigrum on the Larvae of Culex pipiens molestus Forskal (Diptera:Culicidae)	2020	Baghdad Science Journal
Safar M.S.; Saffawi A.M.A.; Ahmed A.F.	A review of the most important cooling techniques to improve the performance of the photovoltaic cell	2020	Journal of Thermal Engineering

Saleem B.A.A.; Ahmed H.H.	Removing the interference of sulphite in the spectrophotometric assay of thiosulphate via charge transfer reaction	2020	AIP Conference Proceedings
Ahmed A.A.; Ahmed N.G.; Ahmad A.K.	Synthesis of new substituted tetrazole and 4-thiazolidinone from Schiff's bases	2020	Pakistan Journal of Scientific and Industrial Research Series A: Physical Sciences
Al-Qazaz H.Kh.; Al-Dabbagh R.O.	Menstrual disorder: Cross-sectional study on prevalence and self-care practice among adolescents in Iraq	2020	Annals of Tropical Medicine and Public Health
Al-Daghastani H.S.; Jasim F.H.	Spectral analysis of soil samples in environmental pollution sites in Nineveh province, using remote sensing techniques	2020	Iraqi National Journal of Earth Science
Al-Tamir M.A.J.	Interpretation of water quality changes in the regulation lake of mosul dam using principal component analysis method	2020	AIP Conference Proceedings
Al-Ta'an S.; Aldoski A.	Behavior of high strength fiber reinforced concrete square columns with hybrid bars	2020	Proceedings of International Structural Engineering and Construction
Mohammed W.S.; Habbo A.H.M.	The Effect of The Change In The External Environment Temperature On The Performance of Al-Qayyara Gas Station	2020	Journal of Thermal Engineering
Aljarah R.; Mahmood B.	Towards the Impact of Mobility Patterns on Network Resources in Smart Cities	2020	Proceedings of the 6th International Engineering Conference "Sustainable Technology and Development", IEC 2020
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Zaghlwl A.-K.R.; Dabbagh A.M.; Al-Hamdany A.J.	Kinetics and mechanistic studies of the formation of pyrrolidines from the reaction some chalcones with N-benzylidene benzylamine	2020	AIP Conference Proceedings
Alshahwany R.B.; Wadie R.N.; Mohammed Z.A.; Ahmed S.A.	Properties of Papercrete Concrete Containing Crushed Concrete Waste As Coarse Aggregate	2020	IOP Conference Series: Materials Science and Engineering
Alkhafaf O.S.; Wali M.K.; Al-Timemy A.H.	Improved Prosthetic Hand Control with Synchronous Use of Voice Recognition and Inertial Measurements	2020	IOP Conference Series: Materials Science and Engineering
Al-Chalaby A.Y.H.	Detection of Escherichia coli from Imported and Local Beef Meat in Mosul City	2020	Journal of Pure and Applied Microbiology
Hasan M.Z.; Al-Rizzo H.	Task scheduling in Internet of Things cloud environment using a robust particle swarm optimization	2020	Concurrency and Computation: Practice and Experience
Al-Jureisy I.T.; Al-Wattar W.T.; Taqa G.A.	Evaluation of The Analgesic Activity of Coenzyme Q10 Ointment in Mice	2020	Journal of Applied Veterinary Sciences
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Maty H.N.	ROLE OF PROTECTED AMINO ACIDS IN RUMINANT'S PHYSIOLOGY: A REVIEW	2020	Assiut Veterinary Medical Journal (Egypt)

Matty H.N.; Hassan A.A.	The relationship between hsp70 and level of leptin and luteinizing hormones in female rats exposed to chronic and acute heat stress	2020	Iraqi Journal of Veterinary Sciences
Yahya N.A.; Aghwan T.A.; Hussain S.H.	Petrology and Genesis Development of the Hardground at the Uppermost Part of Bekhme Formation, Dohuk Area, Northern Iraq	2020	Iraqi National Journal of Earth Science
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Khan M.S.; Ibrahim S.M.; Adamu A.A.; Rahman M.B.A.; Bakar M.Z.A.; Noordin M.M.; Loqman M.Y.	Pre-grafting histological studies of skin grafts cryopreserved in α helix antarctic yeast oriented antifreeze peptide (Afp1m)	2020	Cryobiology
Al-Sarraj G.I.; Ahmed S.H.	Effect of natural and industrial fibers reinforcement on mechanical properties polymeric matrix composites	2020	International Journal of Advanced Science and Technology
Al-Fadhel M.S.; Mutib M.	New Azimuthal Resistance Techniques in the Study of Fractures of the Recent Deposition for Selected Sites near Mosul Dam	2020	Iraqi National Journal of Earth Science
Saeed M.G.	Investigation of urinary bladder lesions of slaughtered local bovine calves in Mosul city	2020	Iraqi Journal of Veterinary Sciences
Farhan A.F.; Al-Ahmady K.K.; Al-Masry N.A.-A.	Assessment of Tigris River Water Quality in Mosul for Drinking and Domestic Use by Applying CCME Water Quality Index	2020	IOP Conference Series: Materials Science and Engineering
Azealdeen S.H.A.-J.; Al-Dabbagh T.H.	The effects of weathering on limestone used for building the cemetery wall in Tel Kaif- North Iraq	2020	Iraqi National Journal of Earth Science
Mohamed Abdullah R.; Basher R.; Abdulqader A.H.	A multiple handover method by using the guide of mobile node	2020	Indonesian Journal of Electrical Engineering and Computer Science
Alsultan M.; Choi J.; Wagner P.; Swiegers G.F.	Synergistic Amplification of Oxygen Generation in (Photo)Catalytic Water Splitting by a PEDOT/Nano-Co3O4/MWCNT Thin Film Composite	2020	ChemCatChem
Fadhil A.A.; Alsarraj R.G.	Exploring the Whale Optimization Algorithm to Enhance Software Project Effort Estimation	2020	Proceedings of the 6th International Engineering Conference "Sustainable Technology and Development", IEC 2020
Al-Tayyar H.A.; Almalah N.T.	Aircraft animation and air route tracing simulation system	2020	AIP Conference Proceedings
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Almula-Dhanoon M.; Dhannoon M.; Hammadi M.	Does Government Size Explain Unemployment in MENA Countries?	2020	Applied Economics Quarterly
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Chaurasia A.; Mohammed N.; Feki Tounsi M.; Trabelsi H.	Microbial indicators and biosensors for bioremediation	2020	Bioremediation of Pollutants: From Genetic Engineering to Genome Engineering
Al-Obaydi M.A.; Al-Jobory Y.H.	Numerical evaluation of rock strength with different sizes of circular opening	2020	IOP Conference Series: Materials Science and Engineering
Al-Hatem A.A.; Ali M.M.	Effect of temperature and alcohol on the determination of critical micelle concentration of non- ionic surfactants in magnetic water	2020	Baghdad Science Journal
Younis A.M.	Regional flood frequency analysis for flood index estimation in hydrologic regions with limited flood data	2020	IOP Conference Series: Materials Science and Engineering
Abdulhadi H.L.; Dabdoub B.R.; Ali L.H.; Othman A.I.; El-Missiry M.A.	The function of melatonin hormone in the reorganization of the impact of the oxidative stress induced by bisphenol a in hyperlipidemia along with diabetes in serum of rats	2020	Annals of Tropical Medicine and Public Health
Daabo A.M.; Hammo K.E.; Mohammed O.A.; Hassan A.A.; Lattimore T.	Performance investigation and design optimization of micro scale compressed air axial turbine for domestic solar powered Brayton cycle	2020	Sustainable Energy Technologies and Assessments
Fakhrulddin S.S.; Gharghan S.K.	An Elderly First Aid System Based-Fall Detection and Unmanned Aerial Vehicle	2020	IOP Conference Series: Materials Science and Engineering
Reuven J.A.; Salih O.A.; Sadler S.A.; Thomas C.L.; Steel P.G.	Exploiting C–H borylation for the multidirectional elaboration of 2-halopyridines	2020	Tetrahedron
Al-Ameen Z.	Contrast Enhancement of Medical Images Using Statistical Methods with Image Processing Concepts	2020	Proceedings of the 6th International Engineering Conference "Sustainable Technology and Development", IEC 2020
Al-Saleem I.A.A.A.; Kareem W.A.	Histopathological Study in Patients with Enlarged Thyroid gland	2020	Eurasia Proceedings of Science, Technology, Engineering and Mathematics
Alsheikh A.M.; Issa A.A.	Theoretical study of bulk and nanomaterials under high pressure	2020	AIP Conference Proceedings
Dawood G.A.; Taqa G.A.; Alnema M.M.	Histological Effect of Coq10 on Liver and Buccal Mucosa in Mice	2020	Journal of Applied Veterinary Sciences
Al Juboori A.A.H.; Abdullah M.S.; Shamil A.-D.; Al-Hamdani Y.H.	Role of colored plastic soil mulch on vegetative growth and yield of two cultivars of faba bean (<i>Vicia faba</i> L.)	2020	Ecology, Environment and Conservation
Alobaidii W.A.; Hasan M.H.; Mahmood B.Y.	RISK OF TOXOPLASMOSIS FROM CATS	2020	Assiut Veterinary Medical Journal (Egypt)
Hameed AL-Mojamee N.A.; AL-Tae H.A.J.	Study of some of <i>Aeromonas hydrophila</i> virulence factors and antibodies production in laboratory mice	2020	Annals of Tropical Medicine and Public Health

Al-Hadidy A.-R.I.; Al-Kazzaz Z.A.; Ali A.A.M.	Deterministic Extensional Viscosity and Cracking Index of Polypropylene-Modified-Asphalt Binder	2020	Tikrit Journal of Engineering Sciences
Al-Youzbakey K.T.; Sulaiman A.M.	Ground Water Quality of Selected Areas in the Northeastern Mosul City and their Assessments for Domestic and Agricultural Usage	2020	Iraqi National Journal of Earth Science
Al-Azzawi A.; Hamdoon A.	Mechanical performance study of asphalt by waste plastics and waste engine oil	2020	AIP Conference Proceedings
Al-Hussein A.A.M.; Al-Hamadani A.A.B.	Hydromorphological Study of Regulating Lake of Mosul DamNorth Mosul City, Iraq	2020	Iraqi National Journal of Earth Science
Ahmed M.S.; Ahmad S.M.; Subhyaljader M.	Study the role of effective parameters in enhancement of the silicon solar cell performance using PC1D simulation	2020	Journal of Ovonic Research
Ali D.M.; Mahmoud A.S.	Internet of things security assessment in healthcare environment	2020	2019 International Conference on Advances in the Emerging Computing Technologies, AECT 2019
Al-Healy F.M.	Electrical Conductance Study of Glutamic Acid Complex with [Mn(II)] in Different Solvents and Temperatures	2020	Eurasia Proceedings of Science, Technology, Engineering and Mathematics
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Abdulrazzaq T.K.; Najim M.K.; Wadullah H.M.; Ali S.M.J.	A comparison study between base and forced excitation at the top floor for multi-story structure	2020	AIP Conference Proceedings
Al-Malaa Z.J.S.; Al-Hmeedi R.I.	Sedimentary Environment of Naokelekan Formation (Late Oxfordian – Early Kimmeridgian) of Selected Surface Sections from Northern-East of Iraq	2020	Iraqi National Journal of Earth Science
Zinad D.S.; Mahal A.; Shareef O.A.	Antifungal activity and theoretical study of synthesized pyrazole-imidazole hybrids	2020	IOP Conference Series: Materials Science and Engineering
Al-Rahal T.H.; Khattab S.I.A.; Al-Sulaifanie B.J.	Effect of static and dynamic loadings on unsaturated soil slope stability	2020	AIP Conference Proceedings
Al-Obaidi S.I.R.; Shuker W.H.	Isolation and identify the antibiotic from the local isolates of the streptomyces antibiotics and test their antifungal activity against plant pathogens	2020	Journal of Global Pharma Technology
Al-Shammary R.N.	Fractionation and nominal standard dose in radiotherapy	2020	Annals of Tropical Medicine and Public Health
Abdulhadi S.Y.; Gergees R.N.; Hasan G.Q.	Molecular identification, antioxidant efficacy of phenolic compounds, and antimicrobial activity of beta-carotene isolated from fruiting bodies of suillus sp	2020	Karbala International Journal of Modern Science
Younus I.A.; Ezzat A.M.; Uonis M.M.	Preparation of ZnTe thin films using chemical bath deposition technique	2020	Nanocomposites
Mahmmoed H.J.; Ibrahim R.H.; Abdulgani M.F.	Awareness and Dietary Adherence of Patients with Type 2 Diabetes Mellitus in the City of Mosul: A Cross-Sectional Study	2020	Biomedical and Pharmacology Journal

Bader O.A.; Eesa M.J.	Effect of harmonic scalpel and nano-magnesium oxide on lung lobectomy healing in dogs: Macroscopic and microscopic study	2020	International Journal of Pharmaceutical Research
Ibraheem F.F.R.; Al-Bohamd E.A.A.J.; Al-Dabbagh A.M.S.	Effect of garlic and acadian extracts application on growth and yield of summer squash (Cucurbita pepo L.)	2020	Ecology, Environment and Conservation
Abdulmawjoud A.A.; Al-Taei A.A.	Pedestrian Midblock Crossing Safety Development Modeling in Dohuk City Road Network	2020	Journal of Engineering Research
Banoon S.R.; Ali Z.M.; Salih T.S.	Antibiotic resistance profile of local thermophilic Bacillus licheniformis isolated from Maysan province soil	2020	Comunicata Scientiae
Al-Dulamey Q.K.; Aldabag S.T.; Shafeek R.R.	Gamma ray effects on white blood cells of male mice	2020	NeuroQuantology
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Mohammad M.A.; Qasab Bashi W.A.	EFFECT OF PARTIAL SUBSTITUTION SPIRULINA INSTEAD OF SOYBEAN MEAL IN COMMON CARP CYPRINUS CARPIO L. DIET ON SOME BLOOD PICTURE AND SOME BIOCHEMICAL CRITERIA	2020	Iraqi Journal of Agricultural Sciences
Mustafa Y.F.; Abdulaziz N.T.	Biological potentials of hymecromone-based derivatives: A systematic review	2020	Systematic Reviews in Pharmacy
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Dawood M.I.; Idress L.M.	Realization of the teaching staff in college of agriculture and forestry-university of mosul to the importance of developing creative thinking among students	2020	International Journal of Agricultural and Statistical Sciences
Qasim W.S.; Sultan R.H.	PRODUCTION OF SINGLE CELL OIL FROM LOCAL ISOLATES OF Rhodotorula glutinis	2020	Journal of Microbiology, Biotechnology and Food Sciences
Almallah O.D.M.	EFFECT DEGRADABLE PROTEIN LEVEL G/MJ METABOLIZABLE ENERGY THROUGH DIFFERENT STAGES OF LACTATION ON MILK YIELD AND COMPOSITION OF AWASSI EWES	2020	Iraqi Journal of Agricultural Sciences

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Hossain I.; Kassim H.H.; Sharrad F.I.; Al-Jubbori M.A.; Salam A.; Saleem M.	A study on the ground states structure of even-even 104–106Ru isotopes	2020	Problems of Atomic Science and Technology
AlTaie A.A.; Salim U.S.; Aufi I.M.	Molecular diagnosis of human enterovirus by real time PCR from respiratory infected patients in Mosul City, Iraq	2020	Biochemical and Cellular Archives
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Al-Jawadi E.A.M.; Mohammed I.M.	Electrochemical sensors based on poly (L-phenyl alanine) film on mwcnt for determination of TPS; [Sensores eletroquímicos à base de filme poli (L-fenil alanina) em mwcnt para determinação de TPS]	2020	Periodico Tche Quimica
Hilal Y.Y.; Rajab R.H.; Seddiq A.M.A.	Plural genetic algorithms approach to control agricultural mechanization and wheat production	2020	Journal of Mechanical Engineering Research and Developments
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Al-Niaemi B.H.; Mikael M.H.; Al-Kallak S.N.	Biochemical study of acetylcholinesterase and deoxyribonucleic acid (DNA) in tapeworm, Postgangesia armata in European Catfish, Silurus glanis	2020	Biochemical and Cellular Archives
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Riyadh H.A.; Al-Shmam M.A.; Huang H.H.; Gunawan B.; Alfaiza S.A.	The analysis of green accounting cost impact on corporations financial performance	2020	International Journal of Energy Economics and Policy
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Saeed B.B.; Zaki Dawood N.M.; Qasim Z.S.	Synthesis of new derivatives of pyrazolone compounds	2020	International Journal of Pharmaceutical Research
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Al-Qadi R.A.; Al-Bayati M.Y.I.; Alaa H.A.-B.; Ahmed A.M.	Effect of nano fertilizer and gibberellic acid application in vegetative and floral growth of <i>Gazania rigens</i> L.	2020	Ecology, Environment and Conservation
Aljawadi Z.A.M.	Effect of selenium level of serum and semen in infertile Iraqi men	2020	Biochemical and Cellular Archives
Jasim O.A.	The revised NIM for solving the non-linear system variant boussinesq equations and comparison with NIM	2020	Karbala International Journal of Modern Science
Sulaiman A.I.	Isolation and identification of <i>Stenotrophomonas</i> species from clinical sources in Mosul city, IRAQ	2020	Biochemical and Cellular Archives
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Ibrahim L.M.; Al-Alusi A.S.A.	Simulation of grey wolf optimization algorithm to distinguish between modigliani's and his contemporaries	2020	Advances in Science, Technology and Innovation
Abdullah Y.M.; Aziz G.S.	The Distribution of Solar Radiation and Solar Energy Intensity, and Top Locations for Constructing Solar Energy Stations in Iraq	2020	International Journal on Advanced Science, Engineering and Information Technology
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Al-Jawadi A.S.; Baqi Y.T.A.; Sulaiman A.M.	Qualifying the geotechnical and hydrological characteristic of the Bandawaya stream valley - Northern Iraq	2020	Scientific Review Engineering and Environmental Sciences
Khaleel T.A.; Al-Shumam A.A.	A study of graph theory applications in IT security	2020	Iraqi Journal of Science
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AL-Hashimi M.M.; Alkhateeb A.N.	Spatial Analysis of Brain and other Cns Cancers Incidence in Iraq During 2000-2015	2020	Malaysian Journal of Public Health Medicine
AHMED M.F.	The performance assessment of reverse osmosis stations at Al-Mahalabea area	2020	Scientific Review Engineering and Environmental Sciences

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Altaee A.H.Y.; Alsawaf M.D.	Effect of levels of chemical fertilizer and gibberellic acid in the growth and flowering of tulip	2020	Ecology, Environment and Conservation
Ahmed M.F.; Faisal al-Moula R.M.	GIS based modeling of GWQ assessment at Al-Shekhan area using AHP and SAW techniques	2020	Scientific Review Engineering and Environmental Sciences
Hamdy Y.R.; Alghannam A.I.	Evaluation of ZigBee topology effect on throughput and end to end delay due to different transmission bands for IoT applications	2020	Journal of Communications Software and Systems
Balod A.O.; Al Sarraf Z.S.; Basheer E.A.	Comparison Between Dynamic Discrete Element Method and Static Discrete Element Method to Determine Neck Size Between Powders During Sintering Process	2020	Journal of Engineering Science and Technology Review
Khalel Al-Allaf L.I.; Al-Ashoo H.	Impact of treatment with imatinib on renal histology in albino rats	2020	Jordan Medical Journal
Al-Mahmood S.S.	Improving light microscopic detection of collagen by trichrome stain modification	2020	Iraqi Journal of Veterinary Sciences
Ali F.A.; Alsaffawi A.M.; Mohammed K.H.	The impact of alumina nanoparticles suspended in ethylene glycol on the performance efficiency of a double pipe heat exchanger	2020	Frontiers in Heat and Mass Transfer
Al-Saleem I.A.A.A.	Risk of Addison's disease in patients with Celiac disease	2020	Journal of Advanced Pharmacy Education and Research
Alharthi A.M.; Lee M.H.; Algamal Z.Y.	Weighted L1-norm logistic regression for gene selection of microarray gene expression classification	2020	International Journal on Advanced Science, Engineering and Information Technology
Allawi M.Y.; Al-Taie B.S.	Comparison between inhibitory effect of propolis and green apple peel against C. Albicans With diagnosis some of the active compounds	2020	Biochemical and Cellular Archives
Abd Z.F.; Sultan M.M.; Abd S.S.	Impact Of Herd Size On The Productive Efficiency Of Sheep Breeding Projects At The Kokjali Region In Nineveh Governorate For The Production Season 2018	2020	Iraqi Journal of Agricultural Sciences
Kyzyma O.A.; Mchedlov-Petrosyan N.O.; Turki Mahmood Al-Shuuchi Y.; Tropin T.V.; Ivankov O.I.; Kriklya N.N.; Gromovoy T.Y.; Kryshatal A.P.; Zhigunov A.N.; Korosteleva E.A.; Shekhovtsov S.V.; Garamus V.M.; Bulavin L.A.	Diluted and concentrated organosols of fullerene C60 in the toluene-acetonitrile solvent system as studied by diverse experimental methods	2020	Fullerenes Nanotubes and Carbon Nanostructures
Al Hafidh N.M.; Aljammal E.Kh.; Al-Kataan M.A.	Vitamin D status and mitochondrial function in children	2020	Jordan Medical Journal
Al-Saffawi A.-A.Y.T.; Bhat M.A.; Albaker A.A.	Assessment of groundwater for irrigation using (IWQI) model, located in al-nimrud region at Southeastern of Mosul city, Iraq	2020	Pakistan Journal of Analytical and Environmental Chemistry

Mousa Y.	Etomidate anesthesia in chicks: Effect of xylazine	2020	Journal of the Hellenic Veterinary Medical Society
Mustafa L.A.	Peroxy nitrate, two vitamins A and E, trace elements and electrolytes in patients caused with rheumatoid arthritis	2020	Biochemical and Cellular Archives
Taan S.A.; Aldoski A.	Behavior of high strength fiber reinforced concrete square columns with hybrid bars	2020	3rd European and Mediterranean Structural Engineering and Construction Conference 2020, Euro-Med-Sec 2020
Dahham G.A.; Tofeq O.M.M.; Yahya L.M.	Effect of locally made subsoiler tines on some energy requirements	2020	Ecology, Environment and Conservation
Zaki Dawood N.M.; Saeed B.B.; Qasim Z.S.	Synthesis and antimicrobial activity of new nitric oxide-donor containing compounds	2020	Systematic Reviews in Pharmacy
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Al-Lhaebi S.F.; Al-Badrani O.A.; Al-Juboury A.I.; Mahanipour A.	Paleoclimatic insights on the cenomanian-turonian oceanic anoxic event (Oae2) from northern iraq based on calcareous nannofossils and geochemical data	2020	Iraqi Geological Journal
Mustafa E.A.; Al-Mashhadane F.A.; Taqa G.A.	The activity of alcoholic extract of urtica urens against staphylococcus aureus and oral wound healing	2020	Journal of International Dental and Medical Research
Mustafa F.A.; Bayat O.	Knowledge technologies based on fabrication process composite materials and remote sensing applications	2020	Advanced Composites Letters
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Ahmed I.M.; Al-Sanjary R.A.; Al-Khazaly H.H.	Detection of mycobacterium paratuberculosis in raw cow's milk using polymerase chain reaction (Pcr) technique	2020	Iraqi Journal of Veterinary Sciences
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Abdulaali W.A.	The Wine Table Spins	2020	Journal of International Women's Studies
Dawood A.A.; Alnori H.A.-M.	Tunicamycin anticancer drug may reliable to treat coronavirus disease-19	2020	Open Access Macedonian Journal of Medical Sciences
Al-Hafidh H.M.S.	Effect of Using Scientific Stations Strategy in Developing Deductive Thinking of Intermediate School Students in General Sciences	2020	International Journal of Early Childhood Special Education
AL-HAKEEM A.M.; AL-TAEE H.H.; AL-JASSANI M.J.	Isolation and molecular identification of a novel fusarium oxysporum from sumac plant	2020	Plant Cell Biotechnology and Molecular Biology
Mahmood H.Sh.; Al-Sarraj T.Z.	Two Novel Spectrophotometric Methods for Determination of Naproxen via a Modulation to Hydroxy Analog	2020	Current Applied Science and Technology
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Nerway Z.A.A.; Duhoky M.M.S.; Kassim N.A.	In Vitro Elimination Of Dahlia Mosaic Virus By Using Meristem Culture, Electrotherapy And Chemotherapy; [الزلة الفيروس موزيك الداليا بتقانات زراعة الأنسجة بواسطة زراعة المرستيم القمي، المعالجة الكهربائية والكيميائية]	2020	Iraqi Journal of Agricultural Sciences
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Mohammed A.A.-H.; Masyab H.M.	Genetic transformation of Nigella sativa L. plants with Agrobacterium rhizogenes 35S GUS R1000 and estimation of thymoquinone level in transformed hairy roots cultures	2020	Plant Archives

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Ahmed H.S.	Laboratory investigations of urinary tract infections using bacteriological and biochemical methods and their antibiotics sensitivity	2020	Plant Archives
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Salim B.J.; Jasim O.A.	Cas wavelets method to solve reaction-diffusion system and compare it with (G.F.E) method; [Método cas wavelets para resolver o sistema de difusão de reação e comparar com o método (G.F.E)]	2020	Periodico Tche Quimica
Almula T.A.D.M.S.; Amori I.H.; Yahya M.Y.; Ayob A.	An experimentally and numerically comparison between e-glass/epoxy and basalt/epoxy pipes pressurized internally	2020	Solid State Phenomena
Al-Juheishy W.K.S.	Response of growth and yield of two varieties of rapeseed (brassica napus L.) to different concentrations of humic acid	2020	Plant Archives
Othman S.M.; Sarsam S.I.; Ismail S.A.	Gypsum and limestone dissolution within fatha formation (Middle miocene) at various ph solutions:A laboratory study	2020	Iraqi Geological Journal
Al-Delawi A.S.; Ramo W.M.	The impact of accounting information system on performance management; [Wpływ systemu informacyjnego rachunkowości na zarządzanie wynikami]	2020	Polish Journal of Management Studies
Al-Mashhadane F.A.; Taqa G.A.; Al – Sandook T.A.; Taqa A.A.R.	Determination of the ED50 and antinociceptive activity of mahaleb cherry (Prunus mahaleb L.) in mice	2020	Plant Archives
Mohammad G.A.	Evaluation of some common disinfectants against some gramnegative bacteria	2020	International Journal of Drug Delivery Technology
Mohammed S.A.; Mohammed O.A.; Fathi M.G.	Statistical model of forecasting indicators in one area of sustainable development	2020	Periodicals of Engineering and Natural Sciences

Al-Robaiee I.A.; Al-Farwachi M.I.	Some clinicopathological changes in buffalo calves infected with enterotoxigenic E. coli (ETEC) K99+ detected by direct ELISA; [Direkt ELISA ile Tanısı Konmuş, Enterotoksijenik E. coli (ETEC) K99+ ile Enfekte Manda Yavrularındaki (Malak) Bazı Klinikopatolojik Değişiklikler]	2020	Ataturk Universitesi Veteriner Bilimleri Dergisi
Al-Someidae T.A.; Al-Nema Q.S.; Al-Shahery Y.J.	Isolation and culture of protoplast from chlorococcum humicola	2020	Plant Archives
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Abdullah A.M.; Al-Taye G.G.H.F.	An economical study to measurement of marketing efficiency in calf fattening fields in nineveh governorate(2018)	2020	Iraqi Journal of Agricultural Sciences
Daood I.I.; Ibrahim R.H.	Seroprevalence of hepatitis a virus (HAV) in mosul city	2020	Medico-Legal Update
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Hamad M.A.; Hussein S.A.; Mahmoud E.N.; Al-Aalim A.M.	The inhibitory role of effective microorganisms on the growth of pathogenic bacteria	2020	Iraqi Journal of Veterinary Sciences
Abdullah O.A.; Fathi R.A.; Fadhel M.N.	Use of fungi in bioremediation of contaminated sites with hydrocarbons	2020	Plant Archives
Al-Wily M.A.S.; Al-Waly L.A.M.; Ibrahim R.H.	Teachers' knowledge regarding attention-deficit hyperactivity disorder between pupils at elementary schools in Mosul city	2020	Medico-Legal Update
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Aldaoood A.; Khalil A.; Alkiki I.	Impact of randomly distributed hay fibers on engineering properties of clay soil	2020	Jordan Journal of Civil Engineering
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Al-Obaydi M.A.; Al-Kazzaz Z.A.	Analytical study of load-settlement behavior of soil treated with stone columns have different sectional shape	2020	Key Engineering Materials
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Yahya L.M.; Alobaidi M.M.; Alhankawi M.A.	Integrated procedures for sustainability in buildings' roofs	2020	Periodicals of Engineering and Natural Sciences
Al-Ozeer A.Z.; Abdaki M.A.; Al-Iraqi A.R.; Al-Samman S.H.; Al-Hammadi N.A.	Estimation of mean areal rainfall and missing data by using gis in nineveh, northern Iraq	2020	Iraqi Geological Journal
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Al-Kateeb Z.N.; Mohammed S.J.	Encrypting an audio file based on integer wavelet transform and hand geometry	2020	Telkomnika (Telecommunication Computing Electronics and Control)
Mustafa Y.F.; Mohammed E.T.; Khalil R.R.	Antioxidant and antitumor activities of methanolic extracts obtained from Red delicious and Granny Smith apples' seeds	2020	Systematic Reviews in Pharmacy
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Al-Fandi E.I.; Malak Z.A.; Hadid N.A.	Sequence stratigraphy, depositional environments and reservoir characterization of sa'di formation in east baghdad and halfiya oilfields	2020	Iraqi Geological Journal
Al-Dabbagh A.M.S.; Al-Khashab S.M.H.; Sulieman M.S.	Effect of ground addition of humic acid and foliar spraying of extract organic fylloton, mineral fertilizer agroleaf power on growth and yield of cabbage	2020	Plant Archives
Al-Ali E.T.; Jankeer M.H.	Determination of genetic mutations that effect umod gene in chronic renal failure at Nineveh City, Iraq	2020	Plant Archives
Isihak F.A.; Hamad M.A.; Mustafa N.G.	COVID-19: An updated review; [COVID-19: ОБНОВЛЕННЫЙ ВЗГЛЯД]	2020	Russian Journal of Infection and Immunity
Allo R.; Mayouf T.T.; Al-Fattah M.N.	Personal hygiene and safety among governmental hospitals nurses staff in mosul city	2020	Medico-Legal Update
Najem A.H.	In vitro antimicrobial and antibiofilm activity of some plant essential oils against nasal staphylococcus aureus	2020	Journal of Critical Reviews
Ali O.T.; Mohammed M.J.	Isolation, characterization, and biological activity of some fatty acids and volatile oils from iraqi eucalyptus microtheca plant	2020	International Journal of Pharmaceutical Quality Assurance
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Al-Mahdawi M.M.; Al-Mallah M.K.; Al-Ne'ma Q.S.	Expression and conservation of rol-genes in rue, ruta graveolens L., plants regeneration from hairy roots	2020	Indian Journal of Forensic Medicine and Toxicology
Al-Taweel Y.; Sadeek N.	A comparison of different methods for building Bayesian kriging models	2020	Pakistan Journal of Statistics and Operation Research
Qasim O.S.; Mahmoud M.S.; Hasan F.M.	Hybrid binary dragonfly optimization algorithm with statistical dependence for feature selection	2020	International Journal of Mathematical, Engineering and Management Sciences
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Hayawi M.A.-A.	Celiac disease in children with short stature (Incidence and morphometric study)	2020	Medico-Legal Update
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Waheed N.A.; Waheed S.A.	Molecular docking study and structure based design of ketotifen and some of its analogues including adme and toxicity study	2020	International Journal of Pharmaceutical Research
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Al-Jubory M.I.A.; Hasan N.S.E.	Activation quality function deployment technique using robust design: A case study	2020	Journal of Advanced Research in Dynamical and Control Systems
Omar F.K.; Mahmoud H.A.; Ahmad N.R.	Indirect spectrophotometric method for estimation of pregabalin in pharmaceutical preparations	2020	Systematic Reviews in Pharmacy
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Yaseen S.N.; Qasim A.A.; Al-Khatib A.R.	The effect of different mouth washes and text messages reminder in the oral health of orthodontic patients	2020	Brazilian Journal of Oral Sciences
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Taha H.H.; Shareef A.Y.; Taher E.M.	Isolation and identification fungi caused rot of capsicum annum fruit and study ability to produce protease and lipase	2020	Systematic Reviews in Pharmacy

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Younus Z.S.; Younus G.T.	Video steganography using knight tour algorithm and LSB method for encrypted data	2020	Journal of Intelligent Systems
Najim N.I.; Ghanim M.F.	Design and analysis of turbo code for wireless communication networks	2020	Journal of Engineering Science and Technology
Mohammad S.A.	Effects of variable viscosity on heat and mass transfer by mhd mixed convection flow along a vertical cylinder embedded in a non-darcy porous medium	2020	Frontiers in Heat and Mass Transfer
Shihab M.S.; Alp K.; Türker M.; Akmirza I.; Mhemid R.K.	Removal of ethanethiol using a biotrickling filter with nitrate as an electron acceptor	2020	Environmental Technology (United Kingdom)
Rajab R.H.	Effect of variable adiabatic length on a heat pipe performance	2020	International Journal of Mechanical and Production Engineering Research and Development
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Abed K.A.; Ahmad A.A.	The best parameters selection using pso algorithm to solving for ito system by new iterative technique	2020	Indonesian Journal of Electrical Engineering and Computer Science
Al-Ahmady K.K.; Al-Jarjees S.D.	The usage of GIS for the devastated urban centers management and preservation of monuments/ case study: Nabi-Jarjis district in Mosul city in Iraq	2020	Iraqi Geological Journal
Abdulmawjoud A.A.	Performance evaluation of hot mixture reclaimed asphalt pavement	2020	Journal of Engineering Science and Technology
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Sahmoud S.; Fathee H.N.	Fast Iris Segmentation Algorithm for Visible Wavelength Images Based on Multi-color Space	2020	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
Alsharbaty F.S.; Ayoob S.A.; Allawzi M.J.	Compensation the noisy channel of 802.16E system in downlink using comp technique	2020	Journal of Engineering Science and Technology
Ahmed K.A.; Altunkaynak A.	Modeling groundwater flow and seawater intrusion in the Terkos Lake aquifer due to Canal Istanbul excavation	2020	Arabian Journal of Geosciences

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Al-Jomaily F.M.A.; Khalil M.I.	Revisiting to the geiger-nuttall relation to be employed in the estimation of the half-lives of superheavy nuclei	2020	Ukrainian Journal of Physics
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Yaseen Z.M.; Al-Juboori A.M.; Beyaztas U.; Al-Ansari N.; Chau K.-W.; Qi C.; Ali M.; Salih S.Q.; Shahid S.	Prediction of evaporation in arid and semi-arid regions: a comparative study using different machine learning models	2020	Engineering Applications of Computational Fluid Mechanics
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Al-Shalmh M.A.; Al-Jubouri M.H.G.; Al-Hashmawi M.Y.R.	The role of social intelligence in enhancing the supply chain and talent management competencies according to the Goleman model: A survey study in Kirkuk governorate's private hospitals	2020	International Journal of Supply Chain Management
Abdulraheem M.H.; Ibraheem N.B.	Anomaly-Based Intrusion Detection System Using One Dimensional and Two Dimensional Convolutions	2020	Communications in Computer and Information Science
Baban A.B.; Alkababji A.M.; Oassab M.S.	Real - Time biometric authentication based on key stroke dynamics	2020	Journal of Critical Reviews
Tayeb M.A.M.; Al-Zeadan O.A.G.; Basher N.M.	Effect of using sodium bicarbonate and mixture of vitamin e and selenium in production performance of awassi ewes	2020	Iraqi Journal of Agricultural Sciences
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Al-Shilma M.A.A.; Al-Bayati B.G.H.	Integrated organizational vigilance and supply chain impacts on the quality of work life: A survey of the views of employees at Ibn Al-Atheer Teaching Hospital for Children	2020	International Journal of Supply Chain Management
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Najm H.Y.; Hamed E.T.; Ahmed H.I.	Global convergence of conjugate gradient method in unconstrained optimization problems	2020	Boletim da Sociedade Paranaense de Matematica
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Sulaimana A.A.; Alyas M.M.; Muhammed A.M.	Porous silicon (P-type) prepared by electrochemical etching and study of structure and morphology properties and effect of neutron irradiation	2020	Digest Journal of Nanomaterials and Biostructures
Qasim R.S.; Shaba S.F.; Abdullah A.M.	The role of direct foreign investment in the external agricultural trade in some Arab countries for the period (1995-2017)	2020	Plant Archives
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