

No.	Authors	Title	Year	Source title
1	Ahmed M.A., Hasan M.K., Abbas A.N.	The frequency inborn error of mitochondrial function in Mosul and Kurdistan Region	2021	Iraqi Journal of Pharmaceutical Sciences
2	Al-Harbawi A.L., Al Chalabi Q.S., Alsalman H.N., Saeed M.S.	Dermatological manifestation in coronavirus disease 2019 patients in Iraq	2021	Open Access Macedonian Journal of Medical Sciences
3	Badawy T., Mansour M.S., Daabo A.M., Abdel Aziz M.M., Othman A.A., Barsoum F., Basouni M., Hussien M., Ghareeb M., Hamza M., Wang C., Wang Z., Fadhil A.B.	Selection of second-generation crop for biodiesel extraction and testing its impact with nano additives on diesel engine performance and emissions	2021	Energy
4	Ismael A.A., Younis A.T., Abdo E.A., Hussein S.H.	Improvement of non-linear power amplifier performance using doherty technique	2021	Journal of Engineering Science and Technology
5	Thanoon K.H., Sultan N.A., Mahmood B., Kadhim D.S.	Measuring scientific collaboration in co-authorship networks	2021	IAES International Journal of Artificial Intelligence
6	Alabajee M.A.-A., Ahmed D.R., Alreffae T.R.	Solving software project scheduling problem using grey wolf optimization	2021	Telkomnika (Telecommunication Computing Electronics and Control)
7	Khoran F.P., Candlan E.P., Hassan A.A., Isihak F.A., Abdulmawjood A., Khan I.U.H.	Pheno- and genotypic characterization and identification of novel subtypes of Peste des Petits Ruminants virus in domestic and captive wild goats in Northern Iraq	2021	BMC Microbiology
8	Qasim A.M., Salih Z.F., Hassan B.A.	A new conjugate gradient algorithms using conjugacy condition for solving unconstrained optimization	2021	Indonesian Journal of Electrical Engineering and Computer Science
9	Al-Naemi G.M., Sheekoo A.H.	New scaled algorithm for non-linear conjugate gradients in unconstrained optimization	2021	Indonesian Journal of Electrical Engineering and Computer Science

10	Al-Ozeer A.Z.A., Al-Abadi A.M., Hussain T.A., Fryar A.E., Pradhan B., Alamri A., Maulud K.N.A.	Modeling of groundwater potential using cloud computing platform: A case study from nineveh plain, Northern Iraq	2021	Water (Switzerland)
11	Naif M.M., Allawi H.A.	Trimester-specific thyrotropin hormone reference levels in mosul city, iraq	2021	Egyptian Journal of Chemistry
12	Khaleel S.I.	Image Edge Detection Based on Swarm Intelligence	2021	International Journal of Intelligent Engineering and Systems
13	Al-Mutlaq S., Mahal E.	Amelioration of Bitumen Characteristics via Natural Rubber Latex and Chlorine Gas	2021	Egyptian Journal of Chemistry
14	Yaseen A.T., Saeed M.K.	Evaluation the levels of some Mineral Elements in Patients with Stroke	2021	Egyptian Journal of Chemistry
15	Hayder E.W., Hadi E.A.	Correlation of Ghrelin and C-Peptide Hormones and Some Other Biochemical Factors with Women Obesity	2021	Egyptian Journal of Chemistry
16	Abdullah J.A., Yhya R.K., Toohi H.T.S.A.L.-S.	Synthesis of some Imidazolidinone compounds under phase transfer conditions and photo cleavages studies of molecular for these compounds	2021	Egyptian Journal of Chemistry
17	Abdu-Rahem L.R., Kh.ahmad A., Abachi F.T.	Docking and Synthesis of Some 2-Aminothiazole Derivatives as Antimicrobial Agents	2021	Egyptian Journal of Chemistry
18	Al-Iraqi M.A., Al-Allaf H.A.I.	Synthesis of Some 2-Substituted Quinazolin-4(3H)-one Compounds from Methyl α -[(4-oxoquinazolin-2-yl)thio]acetate	2021	Egyptian Journal of Chemistry
19	Shehab A.A., Mohammed D.H., Mahmood H.Sh.	Spectrophotometric Determination of Loperamide Hydrochloride in Pure and Pharmaceutical Dosage Forms Using Oxidative Coupling Reaction	2021	Egyptian Journal of Chemistry
20	Mahmood A.A.J.	Synthesis, antioxidant and antimicrobial activities for new 4,4'-methylenedianiline amide compounds	2021	Egyptian Journal of Chemistry

21	Shallal M.A., Hussien H.Y.	Synthesis and Characterization of New 1,3,5 -Triazine Derivatives Based on Benzene Ring	2021	Egyptian Journal of Chemistry
22	Altaee E.A., Al-Sabawi A.H.	Synthesis and Spectral Study of Some New 4-substituted but-2-enolide Derivatives	2021	Egyptian Journal of Chemistry
23	Mhmood B.R., Allwsh T.A.	Study of HER2 in Breast Cancer Disease	2021	Egyptian Journal of Chemistry
24	Saleh W.M., Saied S.M., Natheer R.T., Saleh M.Y.	Removal of Pb(II) ions from Tigris river wastewater in Mosul city by using modified commercial activated carbon	2021	Egyptian Journal of Chemistry
25	Sadeek G.T., Mauf R.M., Saleh M.Y.	Synthesis and identification of some new derivatives oxazole, thiazole and imidazol from acetyl cysteine	2021	Egyptian Journal of Chemistry
26	Jasim R.F., Mohammad S.S., Allwsh T.A.	The Relation between Fibroblast Growth Factor 21 and Insulin Resistance in hyperlipidemia Patients	2021	Egyptian Journal of Chemistry
27	Alramadhany R.W., Hamodat, Ali Z.M.	Study the Arginase Activity and Its Correlation with Liver and Kidney Functions for Patients with Type-2 Diabetes Mellitus in Nineveh Governorate	2021	Egyptian Journal of Chemistry
28	Edan O.A.A.	Urethral mobilization and advancement technique in distal types of hypospadias: short-term local experience	2021	Annals of Pediatric Surgery
29	Pham Q.H., Chupradit S., Widjaja G., Alhassan M.S., Magizov R., Mustafa Y.F., Surendar A., Kassenov A., Arzehgar Z., Suksatan W.	The effects of Ni or Nb additions on the relaxation behavior of Zr55Cu35Al10 metallic glass	2021	Materials Today Communications
30	Hasan S.I., Küçüka S., Ezan M.A.	Thermo-fluidic analysis of a single piezofan in longitudinal channel	2021	International Communications in Heat and Mass Transfer
31	Karomi I.B.	Low temperature Fermi-Dirac distribution in InAsP quantum dot lasers	2021	Optical Materials

32	Al-Aqeeli Y.H., Altaiee T.M., Abdulmawjood A.A.	Proposition of a Multi-Reservoir System Across the Border of Riparian Countries and Specifying Its Operational Outputs by Formulating Simulation Models	2021	Water Resources Management
33	Suksatan W., Chupradit S., Yumashev A.V., Ravali S., Shalaby M.N., Mustafa Y.F., Kurochkin A., Siahmansouri H.	Immunotherapy of multisystem inflammatory syndrome in children (MIS-C) following COVID-19 through mesenchymal stem cells	2021	International Immunopharmacology
34	Aziz D., Portman N., Fernandez K.J., Lee C., Alexandrou S., Llop-Guevara A., Phan Z., Yong A., Wilkinson A., Sergio C.M., Ferraro D., Etemadmoghadam D., Bowtell D.D., Serra V., Waring P., Lim E., Caldon C.E., kConFab Investigators	Synergistic targeting of BRCA1 mutated breast cancers with PARP and CDK2 inhibition	2021	npj Breast Cancer
35	Najam L.A., Muhammad K.A., Mohammed F.M.	Evaluation of the Natural Radioactivity of Samples of Some Types of Field Crops in Different Areas of Tikrit, Iraq	2021	Iranian Journal of Science and Technology, Transaction A: Science
36	Hajirezaee S., Abed- Elmdoust A., Alekhina N., Chupradit S., Mustafa Y.F.	Metabolite profiling of the post-ovulatory oocytes of the common carp, <i>Cyprinus carpio</i> : A 1H NMR-based metabolomics approach	2021	Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics
37	Khudher I.M., Ibrahim Y.I., Altamir S.A.	Individual biometrics pattern based artificial image analysis techniques	2021	Numerical Algebra, Control and Optimization
38	Alabady S.A., Alhajji S.S.	Enhance Energy Conservation Based on Residual Energy and Distance for WSNs	2021	Wireless Personal Communications
39	Al-Sabaawi M.Y.M., Dahlan H.M., Shehzad H.M.F., Alshaher A.A.	A model of influencing factors of online social networks for informal learning in research institutes	2021	Social Network Analysis and Mining

40	Khaleel S.I., Khaled R.W.	Image retrieval based on swarm intelligence	2021	International Journal of Electrical and Computer Engineering
41	Abdulrazzaq K.M., Oain M.S., Majeed H.M., Alhyani O.H.	Molecular detection of rfbO157, shiga toxins and hemolysin genes for Escherichia coli O157: H7 from canine feces in Tikrit and Mosul cities, Iraq	2021	Iraqi Journal of Veterinary Sciences
42	Jaber M.M.T., Al-Jumaa Z.M., Al-Tae S.K., Nahi H.H., Al-Hamdany M.O., Al-Salh M.A., Al-Mayahi B.	Bioaccumulation of heavy metals and histopathological changes in muscles of common carp (Cyprinus carpio L.) in the Iraqi rivers	2021	Iraqi Journal of Veterinary Sciences
43	Hasan S.D.	Prevalence of border disease virus in sheep and goats in Mosul, Iraq	2021	Iraqi Journal of Veterinary Sciences
44	Al-Allaf L.I., Sultan O.N., Saad-Allah B.S., Al-Nuami W.M.	Does Baclofen induce changes in testicular histology and seminal fluid analysis in rat?	2021	Iraqi Journal of Veterinary Sciences
45	Alchalabi A.S., Asim A., Rahim H., Abdul Malek M.F.	Evaluation of the thermal effect of LTE 2600 MHz (4G) electromagnetic field (EMF) exposure: Thermographic study on rats	2021	Iraqi Journal of Veterinary Sciences
46	Ismail H.K.	Histopathological alterations of male and female reproductive systems induced by alloxan in rats	2021	Iraqi Journal of Veterinary Sciences
47	Ahmed I.M.	Detection of CTX-M gene in extended spectrum β -lactamases producing Enterobacteriaceae isolated from bovine milk	2021	Iraqi Journal of Veterinary Sciences
48	Al-Obaidii W.A., Al-Obaidi Q.T., Hasan S.D.	Detection of trichomoniasis in cattle in nineveh province	2021	Iraqi Journal of Veterinary Sciences
49	Al-Kshab A.A., Fathi O.Q.	Determination of the lethal concentration 50% (LC50) of lead chloride and its accumulation in different organs of Gambusia affinis fish	2021	Iraqi Journal of Veterinary Sciences
50	Rahawy M.A.	Study on the post-partum disorders and their relationship with the reproductive performance in Iraqi cow-buffaloes	2021	Iraqi Journal of Veterinary Sciences

51	Salah B.A., Sadoon H.S.	Histopathological and some biochemical effects of platinum drug on the liver and kidney of pregnant mice <i>Mus musculus</i> and their embryos	2021	Iraqi Journal of Veterinary Sciences
52	Abouzid M., El-Sherrif D.M., Eltewacy N.K., Dahman N.B.H., Okasha S.A., Ghozy S., Islam S.M.S., Elburki A.R.F., Ali A.A.M., Hasan M.A., Ali E.A.A., Mohamed M.N.G., Ahmed M.H., Taher A.K., Abdalbaqi L.S., Jasim N.H., Aziz I.A., Dafaallah A.B., Dalla S.B., Mastouri O., Zarrad C., Abdelislam A.E., Sayed A.T.A., Wassim K., Shaban M., Fayez T.M., Nasser M., Radhi Z., Alkuwaiti Z., Alsaffar A., Elaidy A.M., Hammoud M., Hammoud S.M., Alturki A.S., Jarkhi T., Hamza R., Issa N.M., Kaakeh R.A., Aljondi O.A., Ahmed A.A., Ibrahim M.H., Samy	Influence of COVID-19 on lifestyle behaviors in the Middle East and North Africa Region: a survey of 5896 individuals	2021	Journal of Translational Medicine
53	Hamdoon Z., Mahmood N., Talaat W., Sattar A.A., Naeim K., Qais A., Kheder W., Jerjes W.	Evaluation of different surgical approaches to remove dental implants from the maxillary sinus	2021	Scientific Reports
54	Hasan L.A.	Evaluation the properties of orthodontic adhesive incorporated with nano-hydroxyapatite particles	2021	Saudi Dental Journal
55	Said M.A., Shihab M.S., Ayman T Hamid	Dewatering of wastewater sludge using alum	2021	Fresenius Environmental Bulletin

56	Mohammad M.A.	Effect of adding different levels of cinnamon (<i>Cinnamomum</i> sp) on growth and chemical composition criteria of common carp <i>Cyprinus carpio</i> L.	2021	Iraqi Journal of Veterinary Sciences
57	Abd A.K., Taha N.T.	Effect of the Type of Solvent in Azolla Extracts Added to the Ratio on the Growth of Common Carp <i>Cyprinus Carpio</i> L	2021	IOP Conference Series: Earth and Environmental Science
58	Abdullah O.M.S., Mohammed A.J.	Pattern of Distribution of Spatial Phenomena to Communities Prevailing in Mount Gara Using Function L(r)	2021	IOP Conference Series: Earth and Environmental Science
59	Salim M.Y., Ibrahim N.A.	Time Series Analysis Using Digital Classification of Data on Land Use and Land Cover in Dohuk Governorate	2021	IOP Conference Series: Earth and Environmental Science
60	Al-Neemy M.A.S., Tawfeq E.M., Hadi H.M.S.	Determine the Genetic Variation of Phenotypic Groups of Quail (Different with Feathers Color) Using the Chain Polymerase Reaction Technique (PCR)	2021	IOP Conference Series: Earth and Environmental Science
61	Lateef M.A.A., Fadhil N.N., Mohammed B.K.	Effect of Spraying with Cal-Boron and Potassium Humate and Maturity Stage on Fruit Quantity, Quality Characteristics of Apricot <i>Prunus Armeniaca</i> L. cv. Royal	2021	IOP Conference Series: Earth and Environmental Science
62	Salim M.Y., Ibrahim N.A.	Time Series Analysis of Changes in Land Cover Based on Spectral Indexes in Dohuk Governorate	2021	IOP Conference Series: Earth and Environmental Science
63	Mohammed M.I., Al-Zubaidy K.M., Obaidi B.M.A.	Determination of Genetic Diversity Depending on Quantitative Characters among Genotypes of Triticale (<i>X Triticosecale</i> Wittmac) Using Cluster Analysis	2021	IOP Conference Series: Earth and Environmental Science
64	Alkhero A.N., Rassem Z.W.	Morphological and Molecular Identification of Fungi Causing Canker Disease on <i>Melia Azidarch</i> Trees in Some Regions of Mosul Provinces, Iraq	2021	IOP Conference Series: Earth and Environmental Science

65	Khaleel F., Saeed J.	Genetic Variation among Three Zea Mays L Cultivars in Iraq	2021	IOP Conference Series: Earth and Environmental Science
66	Ibraheem F.F.R., Allela W.B.A.M., Al-Bayati H.J.M.	Response of Cabbage Plant for Different Types of Mineral Fertilizer (Brassica Oleracea Var.Capitata)	2021	IOP Conference Series: Earth and Environmental Science
67	Shareef S.S., Qasim H.A.J., Omar O.M.	Effect of (N.P.K) Nano and Mineral Fertilizer on Some Growth Characteristics of Pinus Brutia Ten. Seedlings by Foliar Application	2021	IOP Conference Series: Earth and Environmental Science
68	Al-Ali M.A.S., Al-Hamdani M.S.O.	The Efficiency of the Tree Crown in the Expression of Growth for Pinus Brutia Ten Trees Growing in Atrush Region Northern Iraq	2021	IOP Conference Series: Earth and Environmental Science
69	Younis M.S., Mustafa S.M.	Determining and Mapping of Forest Species Using Remote Sensing and GIS in Amadiyah Province	2021	IOP Conference Series: Earth and Environmental Science
70	Al-Bayati H.J.M., Allela W.B.A.M., Salim N.S., Ibraheem F.F.R.	Effect of the Combined Application of Organic and Mineral Fertilizers on the Growth and Yield of Broccoli (Brassica Oleracea Var.Italica)	2021	IOP Conference Series: Earth and Environmental Science
71	Younis M.S., Mustafa S.M.	Land Cover Classification Using Remote Sensing in Amadiyah Province	2021	IOP Conference Series: Earth and Environmental Science
72	Mohammed M.A.	Study of Contamination of Some Plants with Some Heavy Metals and Study the Presence of Cyanide in Plants in the City of Mosul	2021	IOP Conference Series: Earth and Environmental Science
73	Aatya K.S., Khudher A.T., Jasim N.M., Ali M.I.	Environmental and Climate Deterioration in Nineveh Governorate Tel Abtah District as a Model	2021	IOP Conference Series: Earth and Environmental Science
74	Zakaria S.A., Zakaria R.A., Othman N.S.	Spectrophotometric determination of atenolol via oxidation and bleaching color reaction for methyl red dye	2021	Journal of Physics: Conference Series
75	Saleem B.A.A., Hamoo R.A.M., Ismail G.Q.	Spectrophotometric assay of nicotinamide in pharmaceutical dosages	2021	Journal of Physics: Conference Series

76	Mohammed E.H., Ahmed S.A., Zedan S.W.	Synthesis, characterization and spectral studies of mononuclear and binuclear Fe(II), Co (II), Ni (II), Zn(II) complexes with 2,4-dinitrophenylhydrazine dithiocarbamate	2021	Journal of Physics: Conference Series
77	Sadoon A.M., Saeed N.H.M.	Theoretical prediction of rate constant of some N-phenylacetamide substitutes reactions with chloramine-T using ab-initio and statistical calculations	2021	AIP Conference Proceedings
78	Faris R.A., Mahdi Z.F., Al-Layla A.M.T.	Preliminary study of the insulin growth factor binding protein-3 (IGFBP3) level in Iraqi women with breast cancer	2021	AIP Conference Proceedings
79	Al-Shmam M.A., Riyadh H.A., Alfaiza S.A.	The Business and Accounting Technology Innovation for Better Firm Performance: A Case of Malaysian Firms	2021	Academic Journal of Interdisciplinary Studies
80	Al-Ashou W., Al-Shamaa R., Hassan S.	Sealing ability of various types of root canal sealers at different levels of remaining gutta percha after post space preparation at two time intervals	2021	Journal of International Society of Preventive and Community Dentistry
81	Altalib M.K., Salim N.	Similarity-based virtual screen using enhanced siamese multi-layer perceptron	2021	Molecules
82	Abdula Y.M., Salim G., Salman K.	Numerical Investigation to Assess and Optimize Performance of Flat Plate Solar Collector by Using Different Working Fluid	2021	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences
83	Ali Qaba M.A.M., Saleem M.K., Ali Qaba N.K., Alani M.A., Ahmed M.M., Sabry S.M.	Assessment of Inhaled Hydrogen Sulfide in Suppressing Deterioration in Patients With COVID-19	2021	Shock (Augusta, Ga.)
84	Saleh D.N., Algwari Q.T.	The Characteristics of CFI Dielectric Barrier Discharge	2021	IEEE Transactions on Plasma Science

85	Jumintono J., Alkubaisy S., Yánez Silva D., Singh K., Turki Jalil A., Mutia Syarifah S., Mustafa Y.F., Mikolaychik I., Morozova L., Derkho M.	Effect of cystamine on sperm and antioxidant parameters of ram semen stored at 4 °C for 50 hours	2021	Archives of Razi Institute
86	Ali M.M.M.	Modified limited-memory Broyden-Fletcher-Goldfarb- Shanno algorithm for unconstrained optimization problem	2021	Indonesian Journal of Electrical Engineering and Computer Science
87	Jassim J.A., Younis S.K.	Efficient method for synthesis of new tetra substituted pyrroles under catalytic phosphine	2021	Egyptian Journal of Chemistry
88	Al-Hialy Q.H., Al- Nama K.Sh.	Synthesis, antibacterial activity and dft calculation of Co(II) and Ni(II) schiff bases complexes derived from acenaphthenequinon and phenylenediamine	2021	Egyptian Journal of Chemistry
89	Zhang J., She M., Yang R., Jiang Y., Qin Y., Zhai S., Balotf S., Zhao Y., Anwar M., Alhabbar Z., Juhász A., Chen J., Liu H., Liu Q., Zheng T., Yang F., Rong J., Chen K., Lu M., Islam S., Ma W.	Yield-related qtl clusters and the potential candidate genes in two wheat dh populations	2021	International Journal of Molecular Sciences
90	Mustafa Y.F.	Classical approaches and their creative advances in the synthesis of coumarins: A brief review	2021	Journal of Medicinal and Chemical Sciences
91	Kassabbashi F.N., Mohammed H.A.	Outcomes of Pregnancy in Euthyroid Women with Positive Thyroid Peroxidase Antibodies	2021	Egyptian Journal of Chemistry
92	Abdullah A.I., Al- Abachi S.Z.M.	Study of the effect of laurel plant (Laurus Nobilis) on some biochemical markers in diabetic mellitus rats	2021	Egyptian Journal of Chemistry

93	Alhfidh H.A., Othman N.S.	Application of the Cloud Point Extraction Method in Spectrophotometric Estimation of Esomeprazole using Diazotised p-Nitroaniline and Triton X -114	2021	Egyptian Journal of Chemistry
94	Saeed S.K., Khattab A.F.	Functionalizing of Waste Tire Rubber with Active Functional Groups	2021	Egyptian Journal of Chemistry
95	Salih E.M., Saeed F.T.	Synthesis and characterization of some transition metal complexes with bis(o-aminophenyl)disulfide alkane ligands	2021	Egyptian Journal of Chemistry
96	Mohammed S.J., Sheat A.M., A.abood S., Yahya O.M.	Using microwave and ultrasound to synthesis of substituted bis-acyl hydrazone derivatives	2021	Egyptian Journal of Chemistry
97	Mohialdeen S.K., Aziz S.B.	Inflammatory Markers in Pre-eclampsia	2021	Egyptian Journal of Chemistry
98	Fathee H., Sahnoud S.	Iris segmentation in uncooperative and unconstrained environments: State-of-the-art, datasets and future research directions	2021	Digital Signal Processing: A Review Journal
99	Muhammad Z.A., Abdullah R.M., Majid O.W.	Articaine improves anesthetic achievement for exodontia performed by undergraduate dental students: A clinical comparative study	2021	Journal of Dental Education
100	Jumaah O.D., Jaluria Y.	Influence of Precursor Concentration on Crystalline Quality of GaN Thin Films Grown on a Sapphire Wafer	2021	Journal of Manufacturing Science and Engineering, Transactions of the ASME
101	Sihag P., Al-Janabi A.M.S., Alomari N.K., Ghani A.A., Nain S.S.	Evaluation of tree regression analysis for estimation of river basin discharge	2021	Modeling Earth Systems and Environment
102	Karim K.H., Al-Dulaimy S.I., Ahmad P.M., Al-Badrani O.	Stratigraphy and nannofossil biozonation of sarmord formation on the qaywan anticline, in sulaymaniyah governorate Northern Iraq	2021	Iraqi Geological Journal
103	Hammodat A.A., Al-Bairaqqdar O.T., Hammodat A.T.	Numerical solution of energy equation in porous channels under effects of radiation field	2021	Iraqi Journal of Science

104	Basheer Al-Ni'ma B.A.	New record of the bottle liverworts sphaerocarpos donnellii aust. For Iraq and middle east countries	2021	Iraqi Journal of Science
105	Mohammad M.S., Rasool R.A., Jassim F.M.	The effects of optical power of semiconductor laser on the characteristics of si-diode in an exposed device	2021	Iraqi Journal of Science
106	Abdullah A.M., Farhan G.G., Abdullah R.M.	Economic study of the comparative advantage and competitiveness of small holdings for fattening cows calves in Nineveh governorate for the year 2018	2021	Basrah Journal of Agricultural Sciences
107	Younis G.M.	Design strategies for healing internal environments and workplaces a theoretical framework	2021	Journal of Sustainable Architecture and Civil Engineering
108	Althanoon Z.A., Merkhan M.M.	Effects of zinc supplementation on metabolic status in patients with metabolic syndrome	2021	Acta Poloniae Pharmaceutica - Drug Research
109	Al-Khazraji S., Dingman B., Lee S., Huenerfauth M.	At a Different Pace: Evaluating Whether Users Prefer Timing Parameters in American Sign Language Animations to Differ from Human Signers' Timing	2021	ASSETS 2021 - 23rd International ACM SIGACCESS Conference on Computers and Accessibility
110	Abdulmajeed A.A., Saleem N.N.	Intelligent tool for detecting Covid- 19 using convolutional neural network based on both CT and x- ray lung images	2021	AIP Conference Proceedings
111	Khalil G., Al T., Ayoub A., Chowdhury M., Khalil D., Ayoub Z.	A brief introduction on proposed early bushfires detection model	2021	International Conference on Electrical, Computer, Communications and Mechatronics Engineering, ICECCME 2021
112	Ibrahim M.M., Al- Obaydi M.A.	Numerical Analysis of a Rectangular Footing Resting on Two Inclined Layers of Soil	2021	IOP Conference Series: Earth and Environmental Science
113	Aljuari K.A., Fattah M.Y., Ali H.E.	Numerical Analysis of Treatment of Highly Expansive Soil by Partial Replacement with Crushed Concrete	2021	IOP Conference Series: Earth and Environmental Science
114	Faisal R.M., Abdaki M.	Multi-Criteria Analysis For Selecting Suitable Sites Of Water Harvesting In Northern Al Tharthar Watershed	2021	Journal of Sustainability Science and Management

115	Alharthi A.M., Lee M.H., Algamal Z.Y.	Improving the diagnosis of breast cancer using regularized logistic regression with adaptive elastic net	2021	Universal Journal of Public Health
116	Mahmoud S.Y., Hazim S.	Association between Vitamin D levels and Breast Cancer at Mosul Nuclear Oncology Hospital: Case-Control study	2021	Teikyo Medical Journal
117	Mahmood N.G., Mahmood R.A., Ibrahim R.H.	Evaluation of Outcome to Open Repair and Laparoscopy Techniques in Ventral and Incisional Hernias	2021	Teikyo Medical Journal
118	Mahmood N.G., Mahmood R.A., Ibrahim R.H.	The postmastectomy pain syndrome among women in city of mosul-iraq	2021	Teikyo Medical Journal
119	Mahmood N.G., Mahmood R.A., Ibrahim R.H.	Analysis of Risk Factors and Outcomes of Postoperative Complications of Thyroidectomy	2021	Teikyo Medical Journal
120	Al Tae E.A., Hazim S.	Screening of the Risk Factors for Congenital Anomalies in Pregnant Women Attending Maternity and Obstetric Hospitals at Mosul City	2021	Teikyo Medical Journal
121	Alhialy H.M.F., Naif M.M., Rashid S.A.	Ultrasound golden roles in early pregnancy failure and miscarriage diagnosis	2021	Teikyo Medical Journal
122	Mohammed M.I., Rabeea M.A.	Effects of noise pollution from electric backup generators on the operators' health	2021	Pertanika Journal of Science and Technology
123	Dhahir R.K., Al-Nima A.M., Al-Bazzaz F.Y.	Nanoemulsions as ophthalmic drug delivery systems [Oftalmik ilaç taşıyıcı sistemler olarak nanoemülsiyonlar]	2021	Turkish Journal of Pharmaceutical Sciences
124	Alsoufi G., Zeidan M.A., Mohammed L.J., Salhi A.	A Robust Expected Makespan for Permutation Flow Shop Scheduling Depending on Machine Failure Rate	2021	International Journal of Mathematical, Engineering and Management Sciences
125	HUSSEIN S.H., LUHABI S.W., YASEEN M.T., JASIM M.	Study and design of class f power amplifier for mobile applications	2021	Journal of Engineering Science and Technology
126	Ghazal O.G., Kasim A.W., Tawfeeq N.Z.	The absorber and buffer layer thicknesses for CdTe/CdS based thin film solar cell efficiency at various operational temperatures	2021	Indonesian Journal of Electrical Engineering and Computer Science

127	Jarjis T.A., Al-Fadhili Y.Q.I.	Linear equation for text cryptography using letters' coordinates	2021	Indonesian Journal of Electrical Engineering and Computer Science
128	Ismail M.H., Dawwd S.A., Ali F.H.	Static hand gesture recognition of Arabic sign language by using deep CNNs	2021	Indonesian Journal of Electrical Engineering and Computer Science
129	Alatrushi A.N., Naser A.S.	The Safety Profile of the Anesthetic Effect of Alfaxalone and its Interaction with Xylazine and Ketamine in Chick's Model (Gallus Gallus Domesticus)	2021	Macedonian Veterinary Review
130	Sedeeq S.H., Al-Layla N.M.T., Fadhil A.B.	Biodiesel production from a non-edible oil, Lipidium sativum L. Seed oil by optimized alcoholysis reaction	2021	Egyptian Journal of Chemistry
131	Al-Tae A.Th., Al-Hyali R.H.	Electrochemical behavior of oxytocin hormone through its cysteine reduction peak using glassy carbon electrode modified with polyfurfurylamine and multi-walled carbon nanotubes	2021	Egyptian Journal of Chemistry
132	Ibrahim M.A., Ali W.Kh.	Comparison between immunoassay technique and a manual laboratory method for the measurement of sorbitol dehydrogenase (SDH) activity for different types of diabetes in Nineveh governorate.	2021	Egyptian Journal of Chemistry
133	Khaleel A.A.	Multi-spectral images classification based on intelligent water drops algorithm	2021	Indonesian Journal of Electrical Engineering and Computer Science
134	Jumaah O.D., Jaluria Y.	Experimental Study of the Effect of Precursor Composition on the Microstructure of Gallium Nitride Thin Films Grown by the MOCVD Process	2021	Journal of Heat Transfer
135	Hameed O.M., Al-Helaly L.A.	Evaluation the level of total fucose and some enzymes in the blood of patients with neurological diseases	2021	Egyptian Journal of Chemistry
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276	Alkhafaf O.S., Wali M.K., Al-Timemy A.H.	Improved hand prostheses control for transradial amputees based on hybrid of voice recognition and electromyography	2021	International Journal of Artificial Organs
277	Alabdali A.A., Byott N.P.	Skew braces of squarefree order	2021	Journal of Algebra and its Applications
278	Malak Z.A., Al-Badrani O.A., Al-Hamidi R.I.	Stratigraphic and microfacies study of kometan formation (Upper turonian-lower campanian), in the dokan area, northern Iraq	2021	Iraqi Geological Journal
279	Al-Wazan A.M., Altaee N.T.	Planktonic Foraminiferal biostratigraphy of Jaddala Formation in well (K-152), Northern Iraq	2021	IOP Conference Series: Earth and Environmental Science
280	Babur E., Kara O., Fathi R.A., Susam Y.E., Riaz M., Arif M., Akhtar K.	Wattle fencing improved soil aggregate stability, organic carbon stocks and biochemical quality by restoring highly eroded mountain region soil	2021	Journal of Environmental Management

281	Al-Hafidh M.S.M., Al-Yozbaky O.S., Al-Fahadi A.S.	A New Approach to Reconfiguration of Electric Distribution Networks	2021	3rd International Conference on Electrical, Communication and Computer Engineering, ICECCE 2021
282	Sumaya, Al-dabbagh Y.A., Rasheed B.Y., Al-Jumaa Z.M.	Molecular diagnosis of mycoplasma gallisepticum in Turkey in mosul city	2021	Veterinary Practitioner
283	Ibrahim O.S., Mohammed M.J.	A proposed method for cleaning data from outlier values using the robust rfch method in structural equation modeling	2021	International Journal of Nonlinear Analysis and Applications
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286	Salah B.A.	Effect of boron on some organs of pregnant BALB/c mice	2021	Iraqi Journal of Veterinary Sciences
287	Al-Tae S.K., Annaz M.Th., Al-Badrany M.S., Al-Hamdani A.H.	Biochemical and behavioral responses in carp fish exposed to tricaine methane sulfonate (MS-222) as anesthetic drug under transport conditions	2021	Iraqi Journal of Veterinary Sciences
288	Mohammad M.A., Al-Tae Sh.K., Al-Jumaa Z.M.	Effect addition of cinnamomum cassia on treatment of pathological infections in cyprinus carpio l. Fingerlings	2021	Iraqi Journal of Veterinary Sciences
289	Al-Mallah K.H.	Pathological study of the relation between the incidences of claws lesions and carpo-digital joint capsule lesions in front limbs of sheep slaughtered in mosul	2021	Iraqi Journal of Veterinary Sciences
290	Mostafa E.S., Alhayali N.S., Suleiman E.G.	Pathological and molecular study of ovine diaphragms naturally infected by sarcosystis spp.	2021	Iraqi Journal of Veterinary Sciences
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293	Maty H.N., Ahmed S.M., Hassan A.A.	Impact of different artificial light intensities on some reproductive, productive performance aspects and blood picture of male quail	2021	Iraqi Journal of Veterinary Sciences
294	Naser A.S., Albadrany Y.M.	The neurobehavioral effects of flumazenil in chicks	2021	Iraqi Journal of Veterinary Sciences
295	Sheet O.H., Jwher D.M., Al-Sanjary R.A., Alajami A.Dh.	Direct detection of staphylococcus aureus in camel milk in the nineveh governorate by using the pcr technique	2021	Iraqi Journal of Veterinary Sciences
296	Mustafa H., Ali A.K., Cheng C.H., Radzi R., Fong L.S., Mustapha N.M., Dyary H.O.	Development of experimentally-induced periodontitis in a sprague dawley rat model	2021	Iraqi Journal of Veterinary Sciences
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299	Al-Sabaawy H.B., Al-Kaisie B.I.	Histological effects of chronic sodium fluoride toxicity on some reproductive organs of male and female adult albino rats	2021	Iraqi Journal of Veterinary Sciences
300	Al-Mallah K.H., Aghwan S.S., Al-Obaidi Q.T.	Comparative study on the effect of cadmium and hydrocortisone treatment on the brain of rats experimentally infected with toxoplasma gondii	2021	Iraqi Journal of Veterinary Sciences
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305	Ismail H.Kh., Al-Saleem I.A., Jasim A.Y.	Experimental study on the effect of toxin fractions isolated from hydatid cyst fluid of sheep on the cardiac muscles of mice	2021	Iraqi Journal of Veterinary Sciences
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312	Dahl M.O., Hamdoon O.Kh., Abdulmonem O.N.	Epidemiological analysis for medical records of veterinary teaching hospital, university of mosul during 2017 to 2019	2021	Iraqi Journal of Veterinary Sciences

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321	Ahmed Z.S., Salim A.M., Allawi A.K.	Effect of growth regulators (BA, IBA) on micropropagation of Gardenia jasminoides L. In vitro	2021	International Journal of Agricultural and Statistical Sciences
322	Adil A.M., Hameed R.L.	The evolution of auxins level in plant bottle brush (Callistemon viminalis L.) cuttings	2021	International Journal of Agricultural and Statistical Sciences
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327	Mohammed Y.H., Zakar A.T., Zaker T.A.	Morphological Control in Gold Nanostructures Synthesis Process	2021	International Journal of Nanoscience
328	Alkotaji M., Al-Zidan R.N.	Indomethacin: Can It Counteract Bradykinin Effects in COVID-19 Patients?	2021	Current Pharmacology Reports
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345	Al-Hayali M.A., Al-Azzawi F.S.	A 4D hyperchaotic Sprott S system with multistability and hidden attractors	2021	Journal of Physics: Conference Series
346	Issa R.J., Al-Irhaym Y.F.	Audio source separation using supervised deep neural network	2021	Journal of Physics: Conference Series
347	Albanna A., Alomari A.	Prospective gene therapy design against coronavirus COVID-19 by recruiting CRISPR Cas9 approach	2021	Journal of Physics: Conference Series
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349	Al-Jirjees R.F., Salih S.M., Al-Mallah M.K.	Arabidopsis thaliana L. Seeds are A novel source of somatic embryos	2021	Journal of Physics: Conference Series
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359	Hassan H.M., Al- Jawadi L.M.	Comparison between the Measured and Predicted moisture contents as affected by Some Soil Improvements	2021	IOP Conference Series: Earth and Environmental Science
360	Al-Jawadi L.M., Hassan H.M.	Effect of Both Soil Improvements and Irrigation Levels on Potato Productions	2021	IOP Conference Series: Earth and Environmental Science
361	Al- Jowary H.S.J., Al- Sharefy A.A.	A Comparative Study of Anatomical and Taxonomical of Juniperus Species Grown in Northern Iraq	2021	IOP Conference Series: Earth and Environmental Science
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368	Saadoon H.F., Khorsheed A.Ch., Abdul-Hadi Sh.Y.	Analysis of Many Fatty acid and Volatile Oils in Some <i>Ganoderma</i> spp. Using Gas -Liquid Chromatography Technique	2021	IOP Conference Series: Earth and Environmental Science
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389	Saeg A.A.A., Alnori H.	Laryngeal injury and dysphonia after endotracheal intubation	2021	Journal of medicine and life
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392	Al-Bonsrulah H.A.Z., Alshukri M.J., Mikhaeel L.M., Al-Sawaf N.N., Nesrine K., Reddy M.V., Zaghib K.	Design and simulation studies of hybrid power systems based on photovoltaic, wind, electrolyzer, and pem fuel cells	2021	Energies
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397	Omar N., McCann T., Al-Juboury A.I., Suárez-Ruiz I.	Solid bitumen in shales from the Middle to Upper Jurassic Sargelu and Naokelekan Formations of northernmost Iraq: implication for reservoir characterization	2021	Arabian Journal of Geosciences
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399	Ibrahim M.W., Al-Obaidi M.A., Kosslick H., Schulz A.	Photocatalytic degradation of pharmaceutical pollutants using zinc oxide supported by mesoporous silica	2021	Journal of Sol-Gel Science and Technology
400	Dawood A.A., Dawood Z.A.	How will the second wave of the dreadful COVID-19 be with the increasing number of the infected cases and mortality in Iraq? [¿Cómo será la segunda ola de la terrible COVID-19 con el número creciente de casos infectados y mortalidad en Irak?]	2021	Vacunas
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554	Saadoon S.A., Qasim A.F.	Characteristics and quality of gray water and the possibility of reuse for irrigation purposes from the houses of some areas of the left side of the city of Mosul	2021	Revista Bionatura
555	Al-Zubaidy M.H.I.	Acute neurotoxicity of acetaminophen in chicks [Akutna neurotoksičnost acetaminofena u pilića. v]	2021	Veterinarski Arhiv
556	Alnori M.K., Dawood M.N., Ajeel M.A.	The role of symmetrical and asymmetric dimethyl-L-arginine as biomarkers in dialysis-dependent aki patients	2021	Military Medical Science Letters (Vojenske Zdravotnicke Listy)
557	Omer F.H., Abid K.Y., Mohammed M.F.	The effect of flavonoids extracts from hawthorn (<i>Crataegus oxyacanthus</i>) against some gram-positive and gram-negative bacteria species	2021	Military Medical Science Letters (Vojenske Zdravotnicke Listy)

558	Al-Tae Sh.K., Al-Jumaa Z.M., Al-Sarraj E.S.Y., Hussein A.J., Abbas B.A.	Fungemia and fungal diseases as complication of COVID-19	2021	Iranian Journal of War and Public Health
559	Al-Azzawi A.G.S., Iraqi A., Aziz S.B., Zhang Y., Murad A.R., Hadi J.M., Lidzey D.G.	Synthesis, Optical and Electrochemical Properties of Naphthothiadiazole-Based Donor-Acceptor Polymers and Their Photovoltaic Applications	2021	International Journal of Electrochemical Science
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562	Ameen Y.M.Y., Al-Badrani H., Kadir M.N.A.	Design And Simulation Of A High-Power Doubleoutput Isolated Cuk Converter	2021	Eastern-European Journal of Enterprise Technologies
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568	Al Chalabi Hala Q.S., Alsalman N., Al-Harbawi A.L., Saeed M.S.	Examination of cases with lichen planus [Examen de casos con liquen plano]	2021	Revista Latinoamericana de Hipertension

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570	Khadr M.A., Ali A.M., Ghanim F.	NEW SUBCLASS OF MEROMORPHIC MULTIVALENT FUNCTIONS ASSOCIATED WITH HYPERGEOMETRIC FUNCTION	2021	Nonlinear Functional Analysis and Applications
571	Jasim M.D.	Two new Runge Kutta methods based on the root mean square formula for solving IVPs in ODEs	2021	Journal of Interdisciplinary Mathematics
572	Abdulmawjoud A.A.	Evaluation of Fatigue Characteristics of Reclaimed Asphalt Pavement Mixtures Through Dissipated Energy	2021	International Journal of Pavement Research and Technology
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575	RAbdAlaziz H., AAlbaker A.	Histological effect of zinc oxide nanoparticles on kidney of Japanese quail Coturnix coturnix	2021	Clinical Schizophrenia and Related Psychoses
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577	Ali A.M.	Some results on Wiener indices for a connected graph G	2021	Italian Journal of Pure and Applied Mathematics
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589	Al-Hamdani R.I., Mohammed J.H.	The Family Budget And The Extent Of The Iraqi Family's Awareness Of It _ A Suggested Model Paper	2021	Academy of Entrepreneurship Journal

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595	Rahawy M.A., Al-Haaik A.G., Lazim E.H.	Detection of endometritis using uterine cytobrush and ultrasonography in mares	2021	Iraqi Journal of Veterinary Sciences
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598	Abdul-Aleem Z.S., Abdul-Aleem Z.R., Sabeeh O.N.	Spectrophotometric determination of vitamin b6 in pure and pharmaceutical formulations with diazotized metoclopramide hydrochloride	2021	International Journal of Drug Delivery Technology
599	Hatem N.K.-D.A., Al-Taei F.A.H., Assistant Lecturer	The Effect of the Passage of Time in Compensation for Arbitrary Divorce (A comparative study)	2021	Philosophical Readings
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602	Al-Faqe F.M.M., Al Zobair A.A., Alzuhairy B.I.J.	Complications of port-a-cath using for chemotherapy, drugs, and fluid administration in Mosul city [Complicaciones del uso de Port-A-Cath para administracin de quimioterapia, f-rmacos y fluidos en la ciudad de Mosul]	2021	Archivos Venezolanos de Farmacologia y Terapeutica
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604	Thanoon I.A.J., Jasim M.H.M., Abed M.N., Alassaf F.A., Qazzaz M.E., Alfahad M.	Effects of omega-3 on renal function tests and uric acid level in healthy volunteers	2021	Latin American Journal of Pharmacy
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607	Ajeel M.A., Ajeel A.A., Nejres A.M., Salih R.A.	Assessment of Heavy Metals and Related Impacts on Antioxidants and Physiological Parameters in Oil Refinery Workers in Iraq	2021	Journal of Health and Pollution

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619	Shama M., Al-Qurayshi Z., Dahl M., Amdur R.J., Bates J., Mendenhall W., Hitchcock K., Festa B.M., Ghanem T., Dziegielewski P.T.	Human Papillomavirus–Negative Oropharyngeal Cancer Survival Outcomes Based on Primary Treatment: National Cancer Database Analysis	2021	Otolaryngology - Head and Neck Surgery (United States)
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621	Zainal A.A., Faisal I.M., Ahmad A.A.	Biomarkers of iron status in allopurinoltreated renal stone patients	2021	Pharmacia
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629	Najm O.A., Addnan F.H., Mohd-Manzor N.F., Elkadi M.A., Abdullah W.O., Ismail A., Mansur F.A.F.	Identification of Phytochemicals of Phoenix dactylifera L. Cv Ajwa with UHPLC-ESI-QTOF-MS/MS	2021	International Journal of Fruit Science
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631	Waisi N.Z., Abdullah N.Y., Ghazal M.T.	The automatic detection of underage troopers from live-videos based on deep learning [Automatyczne wykrywanie nieletnich żołnierzy z wideo na żywo w oparciu o metodę Deep Learning]	2021	Przegląd Elektrotechniczny
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634	Znad S.R., Fadhel M.N., Ünşar A.E.	Investigate workers' health in the western industrial region, Mosul, Iraq	2021	Revista Bionatura
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641	Ardiny T.A.H., Alyamoor A.H.	The Extent of Commitment of Iraqi Commercial Banks to The Disclosure and Transparency Requirements of Corporate Governance Principles Issued by The Central Bank of Iraq.	2021	Review of International Geographical Education Online
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