

| No. | Authors | Title | Year | Source title |
|-----|--|---|------|---|
| 1 | Al-Mallah K.H., Saeed M.G. | Detection of lung affections of stray cats in Mosul City, Iraq | 2019 | World's Veterinary Journal |
| 2 | Rabih L., Ali G.G., Younus M.H. | Evaluation of optical and electrical properties of TiO ₂ thin films doped Cu ions | 2019 | AIP Conference Proceedings |
| 3 | Sheet I.S., Ahmed S.M., Avudaiappan S., Saavedra Flores E.I., Chandra Y., Astroza R. | Shear bond behaviour of elemental composite beams with different configurations | 2019 | Engineering Structures |
| 4 | Wafi Al-Taae H.H., Al- Taae A.K. | First molecular identification of Fusarium oxysporum causing Fusarium wilt of Armenian cucumber in Iraq | 2019 | IOP Conference Series: Earth and Environmental Science |
| 5 | Al-Bayati H.J.M., Hamdoon D.N. | Response of eggplant Solanum melongena L. to soil mulching, organic and inorganic fertilizers on vegetative growth traits and yield grown under unheated plastic house | 2019 | IOP Conference Series: Earth and Environmental Science |
| 6 | Ali H.H., Abbo F.Y. | Effect the age of barley plant inoculated with Barley yellow dwarf virus (BYDV) on grain yield and its control by seed treatment | 2019 | IOP Conference Series: Earth and Environmental Science |
| 7 | Altaee A.H. | Effect of plants extract in vegetative and flowering growth, aromatic and volatile oil extracted from Narcissus Narcissus daffodil L plant | 2019 | IOP Conference Series: Earth and Environmental Science |
| 8 | Mousa Y.J., Mahmood M.B., Mohammad M.S. | Administration of ketamine with the central and peripheral analgesics for induction of balanced anesthesia in the chicks | 2019 | IOP Conference Series: Earth and Environmental Science |
| 9 | Agha Y.Y., Bahjat S.A., Thanoon M.F. | Assessment of bacterial pigments as textile colorants | 2019 | Indian Journal of Public Health Research and Development |
| 10 | Bahjat S.A., Al-Taae M.F., Al-Hassani A.M., Al-Hassani O.M. | Molecular and bacteriological method for identification of lactose fermenting salmonella in mosul province | 2019 | Indian Journal of Public Health Research and Development |
| 11 | Alobeady M.A.H., Hialy R.A.A.A. | Study the composition of fatty acids in blood serum parts during the fasting month (ramadan) | 2019 | Indian Journal of Public Health Research and Development |

| | | | | |
|----|---|--|------|---|
| 12 | Elbahri F.M., Al-Sanjary O.I., Ali M.A.M., Ibrahim O.A. | Technical comparison of cloud enterprise resource planning using web systems | 2019 | Proceeding - 2019 IEEE 7th Conference on Systems, Process and Control, ICSPC 2019 |
| 13 | Salih T.S., Shafeek R.R. | In silico detection of acquired antimicrobial resistance genes in 110 complete genome sequences of acinetobacter baumannii | 2019 | Jordan Journal of Biological Sciences |
| 14 | Rijabo W.I.A.L., Abdullah Y.M. | SPATIAL and temporal variation of ozone in Iraq | 2019 | ARPJ Journal of Engineering and Applied Sciences |
| 15 | Jassem A.M., Al-Ajely H.M., Almashal F.A.K., Chen B. | Application of the Cleavable Isocyanide in Efficient Approach to Pyroglutamic Acid Analogues with Potential Biological Activity | 2019 | Russian Journal of General Chemistry |
| 16 | Al-Samman D., Al-Asaady N., Al-Jader S. | Combination therapy with rituximab and methotrexate in the management of rheumatoid arthritis | 2019 | Annals of Tropical Medicine and Public Health |
| 17 | Al Taie A.A., Ibraheem M.A., Fadhil K.B. | Epstein-Barr virus infection in thalassemia patients related to blood group in Mosul / Iraq | 2019 | Annals of Tropical Medicine and Public Health |
| 18 | Ali Q.I. | Realisation of a self-powered, secured and robust disaster recovery network | 2019 | IET Cyber-Physical Systems: Theory and Applications |
| 19 | Hasan M.Z., Al-Rizzo H. | Optimization of Sensor Deployment for Industrial Internet of Things Using a Multiswarm Algorithm | 2019 | IEEE Internet of Things Journal |
| 20 | Al-Natour M.A., Alazzo A., Ghaemmaghami A.M., Kim D.-H., Alexander C. | LC-MS metabolomics comparisons of cancer cell and macrophage responses to methotrexate and polymer-encapsulated methotrexate | 2019 | International Journal of Pharmaceutics: X |
| 21 | Ismael K.S., Abdulrahman S.W. | New Texts from the Iraq Museum on Šulgi-mudah and Šara-dan | 2019 | Zeitschrift für Assyriologie und Vorderasiatische Archäologie |
| 22 | Rashad N.K., Algamal Z.Y. | A New Ridge Estimator for the Poisson Regression Model | 2019 | Iranian Journal of Science and Technology, Transaction A: Science |
| 23 | Ayoob A.K., Fadhil A.B. | Biodiesel production through transesterification of a mixture of non-edible oils over lithium supported on activated carbon derived from scrap tires | 2019 | Energy Conversion and Management |

| | | | | |
|----|---|---|------|---|
| 24 | Shehata A., Adnan M.A., Mohammed O.D. | Modeling the effect of misalignment and tooth microgeometry on helical gear pair in mesh | 2019 | Engineering Failure Analysis |
| 25 | Almuzian M., Almkhtar A., Ulhaq A., Alharbi F., Darendeliler M.A. | 3D effects of a bone-anchored intra-oral protraction in treating class III growing patient: a pilot study | 2019 | Progress in Orthodontics |
| 26 | Abdullah M.I., Abed M.N., Khanim F., Richardson A. | Screening a library of approved drugs reveals that prednisolone synergizes with pitavastatin to induce ovarian cancer cell death | 2019 | Scientific Reports |
| 27 | Carvalho A.L., Fonseca S., Miquel-Clopés A., Cross K., Kok K.-S., Wegmann U., Gil-Cordoso K., Bentley E.G., Al Katy S.H.M., Coombes J.L., Kipar A., Stentz R., Stewart J.P., Carding S.R. | Bioengineering commensal bacteria-derived outer membrane vesicles for delivery of biologics to the gastrointestinal and respiratory tract | 2019 | Journal of Extracellular Vesicles |
| 28 | Granados-Aparici S., Hardy K., Franks S., Sharum I.B., Waite S.L., Fenwick M.A. | SMAD3 directly regulates cell cycle genes to maintain arrest in granulosa cells of mouse primordial follicles | 2019 | Scientific Reports |
| 29 | Ibrahim S.M., Mahmood S.K., Razak I.S., Yusof L.M., Mahmood Z.K., Gimba F.I., Zakaria M.Z. | Characterization and in vitro evaluation of a novel coated nanocomposite porous 3D scaffold for bone repair | 2019 | Iraqi Journal of Veterinary Sciences |
| 30 | Abdullah R.M., Alwan A.A., Salih K.G., Zukarnain Z.A. | An enhanced group mobility management method in wireless body area networks | 2019 | Journal of Theoretical and Applied Information Technology |
| 31 | Binaljadm T., Moorehead R., Almela T., Franklin K., Tayebi L., Moharamzadeh K. | Biomodification of a class-v restorative material by incorporation of bioactive agents | 2019 | Dentistry Journal |
| 32 | Kahya M.A., Altamir S.A., Algamal Z.Y. | Improving firefly algorithm-based logistic regression for feature selection | 2019 | Journal of Interdisciplinary Mathematics |

| | | | | |
|----|---|--|------|--|
| 33 | Alreahan H.O., Al-Ramadhani S.T., Kahya M.A. | Applying firefly algorithm to identify thinking types influencing achievement in mathematics | 2019 | Journal of Interdisciplinary Mathematics |
| 34 | Kareem P.A., Alsammak E.G.H., Abdullah Y.J., Bdaiwi Q.M. | Estimation of antibacterial activity of zinc oxide, titanium dioxide, and silver nanoparticles against multidrug-resistant bacteria isolated from clinical cases in Amara City, Iraq | 2019 | Drug Invention Today |
| 35 | Napi N.M., Zaidan A.A., Zaidan B.B., Albahri O.S., Alsalem M.A., Albahri A.S. | Medical emergency triage and patient prioritisation in a telemedicine environment: a systematic review | 2019 | Health and Technology |
| 36 | Sheet O.H., Grabowski N.T., Klein G., Reich F., Abdulmawjood A. | Characterisation of mecA gene negative Staphylococcus aureus isolated from bovine mastitis milk from Northern Germany | 2019 | Folia Microbiologica |
| 37 | Saeed B.M. | Endoscopic DCR: A 10 Years Personal Experience | 2019 | Indian Journal of Otolaryngology and Head and Neck Surgery |
| 38 | Al-Ghazal A.T., Abdulghani Musto M. | Changes of gene expression profiles of infants inflammatory genes after Rota virus infection | 2019 | Journal of Physics: Conference Series |
| 39 | Abdul Elah Mohammad D., Mohammad Taher E. | Antimicrobial activity of silver nanoparticles fabricated from some vegetable plants | 2019 | Journal of Physics: Conference Series |
| 40 | Saleh I.A., Alsaif O.I., Muhamed S.A., Essa E.I. | Task Scheduling for cloud computing Based on Firefly Algorithm | 2019 | Journal of Physics: Conference Series |
| 41 | Shamaa S.A., Bahjat S. | Detection of Rhamnolipid Production in Pseudomonas aeruginosa | 2019 | Journal of Physics: Conference Series |
| 42 | Abdullah K.M., Abdullah E.A., Alsaif K.I. | High pass filter based on curvelet transform coefficients | 2019 | Journal of Physics: Conference Series |
| 43 | Al-Hayani A.S.J.Z., Al-Obaidi M.A.J. | Chemical fragmentation and Bioavailability for Lead in some calcareous soils from the city of Mosul | 2019 | Journal of Physics: Conference Series |
| 44 | Anwar Khalid K. | Using unsupervised classification to determined land cover northren of Ninvah provianec by using Remote sensing Techniques | 2019 | Journal of Physics: Conference Series |

| | | | | |
|----|--|---|------|--|
| 45 | Shamran Mohammed H., Deepak Tripathi V., Aldin Darghouth A., Mothhar T. | Synthesis, Characterization, DFT calculation and Antimicrobial Activity of Co(II) and Cu(II) complexes with azo dye | 2019 | Journal of Physics: Conference Series |
| 46 | Hamoud Ali H., Naif Mheedi R. | Epidemiology and distribution of soil borne viruses in the fields of potato, and are disseminations with out of via-vectors | 2019 | Journal of Physics: Conference Series |
| 47 | Al-Juthery H.W.A., Al- Tae R.A.H.G., Al- Obaidi Z.H.H., Ali E.A.H.M., Nal-Shami Q.M. | Influence of foliar application of some nano-fertilizers in growth and yield of potato under drip irrigation | 2019 | Journal of Physics: Conference Series |
| 48 | Al-Naser Y.H. | Study of Some Morphological Features of Calcarious- Gypsiferous Soils and Its Management | 2019 | Journal of Physics: Conference Series |
| 49 | Saeed Hameed T. | The reality of extension services provided for wheat crop farmers in Zammar region\Nineveh Governorate\Iraq | 2019 | Journal of Physics: Conference Series |
| 50 | Al-Ani M.A.M., Hmoshi R.M., Kanaan I.A., Thanoon A.A. | Effect of pesticides on soil microorganisms | 2019 | Journal of Physics: Conference Series |
| 51 | Al-Dobony B.S., Al- Assafe A.Y. | Synthesis, characterization and antimicrobial studies of some metal complexes with mixed ligands derived from Mannich bases and diamine ligands | 2019 | Journal of Physics: Conference Series |
| 52 | Awad Talb Ali Altalb A. | The reality of the application of Scientific Recommendation in the poultry breeding in the District of Al-Sharqat/Salah Al-Den Governorate/Iraq | 2019 | Journal of Physics: Conference Series |
| 53 | Al-Dabbagh A.M.S., Sulieyman M.S., Ahmad M.A. | Effect of addition Humic acid and sprying of Tecamin max on growth and yield of (Pisum sativum L.) | 2019 | Journal of Physics: Conference Series |

| | | | | |
|----|--|---|------|--|
| 54 | Abdullah M.N., Mohammed O.D., Abbo N.Y., Yousef S.I. | Effect of partial replacement of barley grain with wheat bran in the ration and some feed additive on growth and some carcass traits of Awassi lambs | 2019 | Journal of Physics: Conference Series |
| 55 | Talat R.A., Al-Assaf A.Y.R., Al-Saffawi A.Y.T. | Valuation of water quality for drinking and domestic purposes using WQI : Acase study for groundwater of Al-Gameaa and Al-Zeraee qarters in Mosul city/Iraq | 2019 | Journal of Physics: Conference Series |
| 56 | Aminaadbul- Ilahhamdoon | Water Security Policies in Iraq (Strategic Perspective) | 2019 | Journal of Physics: Conference Series |
| 57 | Sulyman E.Z., Abed A.G., Younis A.Q. | Gravimetric and differential thermal analysis and activation energy studies of unsaturated polyester using date seeds powder and walnut shells | 2019 | International Journal of Research in Pharmaceutical Sciences |
| 58 | Talal M., Zaidan A.A., Zaidan B.B., Albahri O.S., Alsalem M.A., Albahri A.S., Alamoodi A.H., Kiah M.L.M., Jumaah F.M., Alaa M. | Comprehensive review and analysis of anti-malware apps for smartphones | 2019 | Telecommunication Systems |
| 59 | Kamel Gharghan S., Saad Fakhruddin S., Al-Naji A., Chahl J. | Energy-Efficient Elderly Fall Detection System Based on Power Reduction and Wireless Power Transfer | 2019 | Sensors (Basel, Switzerland) |
| 60 | Ali O.T., Mohammed M.O., Al Dulayymi J.R., Baird M.S. | Synthesis of a di-mycoloyl tri-arabinofuranosyl glycerol fragment of the mycobacterial cell wall, based on synthetic mycolic acids | 2019 | Molecules |
| 61 | Luhaib S.W.O., Bakr M.S., Somjit N., Hunter I.C. | Design and characterisation of HE11 dual-mode dielectric-loaded filter for cellular base station applications | 2019 | International Journal of Electronics |
| 62 | Gharghan S.K., Fakhruddin S.S., Al- Naji A., Chahl J. | Energy-efficient elderly fall detection system based on power reduction and wireless power transfer | 2019 | Sensors (Switzerland) |

| | | | | |
|----|---|--|------|--|
| 63 | Azeez Z.A., Bozhkov A.I., Mahmood M.T., Kovalova M.K. | THE SPECIES COMPOSITION OF EPIPHYTIC MICROORGANISMS AND THEIR INFLUENCE ON ROOTS EXCRETORY ACTIVITY OF WHEAT AND PEA SEEDLINGS | 2019 | Biochemical and Cellular Archives |
| 64 | Alkafagy S.M., Ghazi J., Alhaaik A.G. | HISTOMORPHOLOGICAL STUDY OF KIDNEY IN ADULT KESTREL, FALCO TINNUNCULUS | 2019 | Biochemical and Cellular Archives |
| 65 | Al-Hially A.A.A., Al-Hamadany S.M. | Pathological Study of Respiratory System in Ducks in Mosul City | 2019 | Biochemical and Cellular Archives |
| 66 | Hasan H.M., Saleh S.M., Khorsheed A.C. | Investigation of Phenolic Compounds from the Leaves of Cyperus Rotundus and Study of its Antioxidant Activity | 2019 | Biochemical and Cellular Archives |
| 67 | Al-Chalabi S.S., Al-Wattar Y.T., Algalili I.M. | IS INHIBIN B A BETTER MARKER OF SPERMATOGENESIS THAN OTHER HORMONES IN INFERTILE MEN IN MOSUL CITY? | 2019 | Biochemical and Cellular Archives |
| 68 | Ghazwan G.A., Younus M.H., Muhammed L.R. | Evaluation the sensitivity of tio2 doped al in glucose solution | 2019 | Digest Journal of Nanomaterials and Biostructures |
| 69 | Attash H.M., Al-Qazaz H.K., Al-Hajjar L.A. | Osteoporosis knowledge and osteoprotective behavior among female patients attending dxa clinic: A cross-sectional study | 2019 | Indian Journal of Public Health Research and Development |
| 70 | Al-Ghurairi S.A.-R.H. | Prevalence of anxiety disorder among medical student of mosul university Iraq | 2019 | Indian Journal of Public Health Research and Development |
| 71 | Ahmad A.A., Almkhtar H.M., Merkhan M.M. | Vasomotor impact of perivascular adipose tissue on coronary circulation | 2019 | Indian Journal of Public Health Research and Development |
| 72 | Mahmood A.A.J., Khalaf M.M., Zainal A.A. | Cholinesterases activities in diabetic and hyperlipidemic patient | 2019 | Indian Journal of Public Health Research and Development |
| 73 | Allo R.R., Mayouf T.T., Ali M.T. | Prevalence of lower back pain among health care providers working in operation rooms in Mosul city hospitals | 2019 | Indian Journal of Public Health Research and Development |
| 74 | Yahya F.S., Al-Shami H.A. | Posterior mediastinal neuroblastoma masked as flaccid paraparesis in a 3 year child | 2019 | Neurosciences (Riyadh, Saudi Arabia) |

| | | | | |
|----|---|--|------|--|
| 75 | Hussein A.A., Sultan M.A., Hassan M.B., Sachit A.A. | Assessment of hemophilic teenagers life style in Al Basrah city | 2019 | Indian Journal of Forensic Medicine and Toxicology |
| 76 | Alhafedh M.A.A., Qasim O.S. | Two-stage gene selection in microarray dataset using fuzzy mutual information and binary particle swarm optimization | 2019 | Indian Journal of Forensic Medicine and Toxicology |
| 77 | Al-Ridha M.Y., Al-Nima R.R.O., Anaz A.S. | Adaptive neuro-fuzzy inference system for controlling a steam valve | 2019 | 2019 IEEE 9th International Conference on System Engineering and Technology, ICSET 2019 - Proceeding |
| 78 | Abdullah M.K., Awad M.S., Ibrahim R.H., Hassan J.M. | Evaluation of problem solving and critical thinking skills among Mosul's nursing students | 2019 | Indian Journal of Forensic Medicine and Toxicology |
| 79 | Ibrahim J.M., Sultan A.I., Al-Atrakchi H. | The value of colonoscopy in the diagnosis of bleeding per rectum in adults | 2019 | Indian Journal of Forensic Medicine and Toxicology |
| 80 | Al-saffar M.T. | The effect of zinc sulphate mouth rinse on halitosis compared with chlorhexidine and placebo rinses:A comparative study | 2019 | International Journal of Pharmaceutical Research |
| 81 | Sukhanova M.V., Zabrodin V.P. | Damage to seeds by the working bodies of continuous machines | 2019 | International Journal of Mechanical and Production Engineering Research and Development |
| 82 | Mohammad S.A. | Heat and mass transfer by hydromagnetic mixed convection flow along a vertical cylinder embedded in a non-darcy porous medium with heat source | 2019 | International Journal of Mechanical and Production Engineering Research and Development |
| 83 | Al-Makhyoul Z.M., Hadi M.H. | Heat transfer characteristics for a fin exposed to fully wet air | 2019 | International Journal of Mechanical and Production Engineering Research and Development |
| 84 | Rashid A.N. | Improving the impact strength of polymer matrix composite through the additions of different additives | 2019 | International Journal of Mechanical and Production Engineering Research and Development |
| 85 | Almakhyoul Z.M., Ali R.A., Aldabbagh M.S. | Effect of staggered non-conductive partition on heat transfer in a variable shape cavity | 2019 | International Journal of Mechanical and Production Engineering Research and Development |

| | | | | |
|----|---|--|------|--|
| 86 | Cabalar A.F., Karabash Z. | Influence of Cement Type and Sample Preparation on the Small-Strain Behaviour of Sands | 2019 | Arabian Journal for Science and Engineering |
| 87 | AlTalib A.N., Mohammed A.Y., Hayawi H.A. | Hydraulic jump and energy dissipation downstream stepped weir | 2019 | Flow Measurement and Instrumentation |
| 88 | Chen L., Merkhan M.M., Forsyth N.R., Wu P. | Chorionic and amniotic membrane-derived stem cells have distinct, and gestational diabetes mellitus independent, proliferative, differentiation, and immunomodulatory capacities | 2019 | Stem Cell Research |
| 89 | Daabo A.M., Al-Mola Y.S., Al-Rawy A.Y., Lattimore T. | State of the art single-objective optimization of small scale cylindrical cavity receiver | 2019 | Sustainable Energy Technologies and Assessments |
| 90 | Ahmad S.M., Leong C.S., Winder R.W., Sopian K., Zaidi S.H. | Electrical, Morphological, and Compositional Characterization of Screen-Printed Al Contacts Annealed in Horizontal and Vertical Configurations | 2019 | Journal of Electronic Materials |
| 91 | Alhayali A., Vuddanda P.R., Velaga S. | Silodosin oral films: Development, physico-mechanical properties and in vitro dissolution studies in simulated saliva | 2019 | Journal of Drug Delivery Science and Technology |
| 92 | Mohammed I.S., Alhamdani I.M. | A fuzzy system for detection and classification of textile defects to ensure the quality of fabric production | 2019 | International Journal of Electrical and Computer Engineering |
| 93 | Ibrahim Y.I., Alhamdani I.M. | A hybrid technique for human footprint recognition | 2019 | International Journal of Electrical and Computer Engineering |
| 94 | Abdulraheem M.H., Ibraheem N.B. | A detailed analysis of new intrusion detection dataset | 2019 | Journal of Theoretical and Applied Information Technology |
| 95 | Mudhafar Mohammed A., Sebek M., Kreyenschulte C., Lund H., Rabeah J., Langer P., Strunk J., Steinfeldt N. | Effect of metal ion addition on structural characteristics and photocatalytic activity of ordered mesoporous titania | 2019 | Journal of Sol-Gel Science and Technology |

| | | | | |
|-----|---|--|------|--|
| 96 | El-Ganaini S., Al-Amr M.O. | New abundant wave solutions of the conformable space–time fractional (4+1)-dimensional Fokas equation in water waves | 2019 | Computers and Mathematics with Applications |
| 97 | Al-Bayati H.J.M., Ali K.R. | Effect of planting depth and zinc sulphate spraying on growth and yield of potato (<i>Solanum tuberosum</i> L.) | 2019 | Basrah Journal of Agricultural Sciences |
| 98 | Almallah N.M., Jihad A.M. | Insecticidal activity of spinosad and emamectin and their mixture with different types of inert dusts against khabra larvae <i>Trogoderma granarium</i> everts | 2019 | Basrah Journal of Agricultural Sciences |
| 99 | Al-Imam N.M.A., Hamid Q.Q. | Effect of the date and concentrations of the IBA on rooting and growth of semi-hard wood cuttings of two olive (<i>Olea europaea</i> L.) varieties | 2019 | Basrah Journal of Agricultural Sciences |
| 100 | Allela W.B.M., Al-Hamdani S.Y.H. | Effect of some agricultural treatments on chemical and qualitative characters of five cucumber hybrids grown under unheated greenhouse | 2019 | Basrah Journal of Agricultural Sciences |
| 101 | Hassan W.S., Giaretta P.R., Rech R., Ollivault-Shiflett M., Esteve-Gasent M.D. | Enhanced protective efficacy of <i>Borrelia burgdorferi</i> BB0172 derived-peptide based vaccine to control Lyme disease | 2019 | Vaccine |
| 102 | Al-Qatan M.A.R.I. | Molecular diversity of bacterial isolated from cozy and cold spring water in Mosul / Iraq | 2019 | Journal of Global Pharma Technology |
| 103 | Praptodiyono S., Santoso M.I., Firmansyah T., Abdurrazaq A., Hasbullah I.H., Osman A. | Enhancing ipsec performance in mobile IPv6 using elliptic curve cryptography | 2019 | International Conference on Electrical Engineering, Computer Science and Informatics (EECSI) |
| 104 | Sabry R.Z., Gomes A., Gomes C., Kadir M.Z.A.A., Misron N.B. | Frequency Dependent Permittivity of Soil and Bentonite: For Lightning Protection and High Frequency Earthing Systems | 2019 | 2019 15th International Symposium on Lightning Protection, SIPDA 2019 |

| | | | | |
|-----|---|--|------|---|
| 105 | Baker L.A.A., Al-Obeady M.A.H. | Relationship of fatty acid composition and some biochemical parameters in serum for women ovarian cancer patient | 2019 | Research Journal of Pharmacy and Technology |
| 106 | Younis G.M., Abdulatif F.S., Mostafa W.S. | Impact of design characteristics of daylight elements to creating healthy internal environment for school buildings evaluation the status of schools in mosul city | 2019 | Periodicals of Engineering and Natural Sciences |
| 107 | Mayouf T.T., Al-Qader A.Z.A., Ali M.T. | Assessment of barriers to implement nursing processes | 2019 | Indian Journal of Public Health Research and Development |
| 108 | Esmeel T.K., Hamid R.A., Mokhtar R. | Increasing data anonymity using aes and privacy technique | 2019 | International Journal of Recent Technology and Engineering |
| 109 | Dawood A.A., Hasan G.A., Hayawi A.M. | Determination genotype D of hepatitis B virus amongst patients in Mosul-Iraq | 2019 | International Journal of Scientific and Technology Research |
| 110 | Yahya M.A., Alsaif O.I., Saleh I.A., Abdulkhaleq A.M., Parchin N.O., Al-Yasir Y.I.A., Abd-Alhameed R.A. | Noise cancellation for HIPERLAN/2 with open loop transmit diversity technique | 2019 | Inventions |
| 111 | Algamal Z.Y., Lee M.H. | A two-stage sparse logistic regression for optimal gene selection in high-dimensional microarray data classification | 2019 | Advances in Data Analysis and Classification |
| 112 | Salim U.T., Dawwd S.A. | Systolic hand gesture recognition/detection system based on FPGA with multi-port BRAMs | 2019 | Alexandria Engineering Journal |
| 113 | Majeed Alneamy J.S., A. Hameed Alnaish Z., Mohd Hashim S.Z., Hamed Alnaish R.A. | Utilizing hybrid functional fuzzy wavelet neural networks with a teaching learning-based optimization algorithm for medical disease diagnosis | 2019 | Computers in Biology and Medicine |
| 114 | Alchalabi A.S.H. | Gene expression of certain heat shock proteins and antioxidant enzymes in microwave exposed rats | 2019 | Gene Reports |

| | | | | |
|-----|---|---|------|--|
| 115 | Ali G.G., AuobSulaiman A.U., Younus M.H., Mohammed A.M. | Study of porous silicon behavior via neutron irradiation: Fabrication and characterization | 2019 | Results in Physics |
| 116 | Majid O.W., Muhammad Z.A. | Effectiveness of Articaine Buccal Infiltration Anesthesia for Mandibular Premolar Extraction: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial | 2019 | Journal of Oral and Maxillofacial Surgery |
| 117 | Ali S.A., Nutman A.P., Aswad K.J., Jones B.G. | Overview of the tectonic evolution of the Iraqi Zagros thrust zone: Sixty million years of Neotethyan ocean subduction | 2019 | Journal of Geodynamics |
| 118 | Qasha R., Wen Z., Cała J., Watson P. | Sharing and performance optimization of reproducible workflows in the cloud | 2019 | Future Generation Computer Systems |
| 119 | Abed Fathi M.S., Ismael Q., Abbas Saleh K. | An Effect Of Welding Type On The Mechanical Properties Of Welding Joints | 2019 | International Journal of Mechanical and Production Engineering Research and Development |
| 120 | Alabady S.A., Salleh M.F.M., Al-Turjman F. | Clarifications on the “comments on “a novel approach of error detection and correction for efficient energy in wireless networks”” | 2019 | Multimedia Tools and Applications |
| 121 | Khalid S., Beattie C., Sands J., Hampson V. | Incorporating the environmental dimension into the balanced scorecard: A case study in health care | 2019 | Meditari Accountancy Research |
| 122 | Ahmed S.M., Avudaiappan S., Sheet I.S., Saavedra Flores E.I., Pina J.C., Yanez S.J., Guzmán C.F. | Prediction of longitudinal shear resistance of steel-concrete composite slabs | 2019 | Engineering Structures |
| 123 | Abdulrazaq Kahya M., Aladool A.S.Y., Altamir S.A. | An optimal wavelet type to increase classification accuracy for forest softwood species | 2019 | IOP Conference Series: Materials Science and Engineering |
| 124 | Yahya Algamal Z. | Performance of ridge estimator in inverse Gaussian regression model | 2019 | Communications in Statistics - Theory and Methods |
| 125 | Mahmood F., Perrins E., Liu L. | Energy-efficient wireless communications: From energy modeling to performance evaluation | 2019 | IEEE Transactions on Vehicular Technology |

| | | | | |
|-----|---|---|------|---|
| 126 | Al Sarraf Z.S. | Design and simulation of spot welding process | 2019 | International Journal of Mechanical and Production Engineering Research and Development |
| 127 | Zidan R.S., Ahmed T.W., Mohammed Ali A.A. | The combined effect of using recycled coarse aggregate and well water on normal concrete | 2019 | SN Applied Sciences |
| 128 | Almukhtar S.H. | Effect of an educational program about polycystic ovarian syndrome on knowledge of adolescent female students | 2019 | Indian Journal of Public Health Research and Development |
| 129 | Faisal I.M., Almukhtar H.M., Merkhan M.M., Alobaidi R.W. | Comparative anti-inflammatory effect of risperidone versus olanzapine in schizophrenic patients | 2019 | Indian Journal of Public Health Research and Development |
| 130 | Hamoo R.N., Alnuri A.I. | Isolation and identification of parasites from housefly (<i>Musca domestica</i>) in Mosul city, Iraq | 2019 | Advances in Animal and Veterinary Sciences |
| 131 | Rahawy M.A. | Clinical dystocia in Iraqi buffaloes in Mosul city | 2019 | Advances in Animal and Veterinary Sciences |
| 132 | Chapman S.R., Aladul M.I., Fitzpatrick R.W. | Lost cost savings to the NHS in England due to the delayed entry of multiple generic low-dose transdermal buprenorphine: A case scenario analysis | 2019 | BMJ Open |
| 133 | Al-Azzawi S.F., Aziz M.M. | Strategies of linear feedback control and its classification | 2019 | Telkomnika (Telecommunication Computing Electronics and Control) |
| 134 | Ghanim M.F. | Performance investigation of WOFDM for 5G wireless networks | 2019 | International Journal of Electrical and Computer Engineering |
| 135 | Khalil M.I. | Using Battery-Saving Modes in Quadcopter Relay Networks | 2019 | Physical Communication |
| 136 | Mahdi M.A., Radhi F.S., Kassim H.H., Abedaljubbori M., Sharrad F.I. | Low-lying positive parity yrast bands in Gd, Dy and Er nuclei for $N = 96$ | 2019 | Journal of Physics: Conference Series |
| 137 | Al-Juboori A.M. | Generating Monthly Stream Flow Using Nearest River Data: Assessing Different Trees Models | 2019 | Water Resources Management |
| 138 | Unami K., Mohawesh O., Fadhil R.M. | Time periodic optimal policy for operation of a water storage tank using the dynamic programming approach | 2019 | Applied Mathematics and Computation |

| | | | | |
|-----|---|--|------|--|
| 139 | Sulyman E.Z., Salih H.A., Hallow T.A. | Preparation of a polymeric aggregate of unsaturated poly ester with sawdust and studying its physical and mechanical properties | 2019 | International Journal of Research in Pharmaceutical Sciences |
| 140 | Al-Salihi H.A., Mahmood A.A., Alalkawi H.J. | Mechanical and wear behavior of AA7075 aluminum matrix composites reinforced by Al ₂ O ₃ nanoparticles | 2019 | Nanocomposites |
| 141 | Rasool R.A., Ali G.G., Hussein N.A. | The effect of epoxy layer supported by carbon, alumina and silica grains on the solar cell | 2019 | Digest Journal of Nanomaterials and Biostructures |
| 142 | Hamoodi Y.A.F., Ramadhan S.A.M. | Identification of biometrics based on a classical mathematical methods in forensic medicine | 2019 | Indian Journal of Forensic Medicine and Toxicology |
| 143 | Faja O.M., Sharad A.A., Younis K.M., Alwan M.G., Mohammed B.J., Ahmad A. | Isolation, detection of virulence genes, antibiotic resistance genes, plasmid profile, and molecular typing among <i>Vibrio parahaemolyticus</i> isolated in Malaysian seawater from recreational beaches and fish | 2019 | Veterinary World |
| 144 | Ibrahim A.-H.A. | Laboratory investigation of aged HDPE-modified asphalt mixes | 2019 | International Journal of Pavement Research and Technology |
| 145 | Al-Dabbagh Z.T., Algamal Z.Y. | Least absolute deviation estimator-bridge variable selection and estimation for quantitative structure–activity relationship model | 2019 | Journal of Chemometrics |
| 146 | Fakhrulddin S.S., Gharghan S.K., Al-Naji A., Chahl J. | An advanced first aid system based on an unmanned aerial vehicles and a wireless body area sensor network for elderly persons in outdoor environments | 2019 | Sensors (Switzerland) |
| 147 | Mohammed Y.H. | Fabrication of n-MgZnO/p-Si heterojunction diode: Role of magnesium doping | 2019 | Superlattices and Microstructures |
| 148 | Mohammed K.I., Zaidan A.A., Zaidan B.B., Albahri O.S., Alsalem M.A., Albahri A.S., Hadi A., Hashim M. | Real-Time Remote-Health Monitoring Systems: a Review on Patients Prioritisation for Multiple-Chronic Diseases, Taxonomy Analysis, Concerns and Solution Procedure | 2019 | Journal of Medical Systems |

| | | | | |
|-----|--|--|------|---|
| 149 | Al-Juboury A.I., Howard J.P., Nichols G., Vincent S.J., Manning C., Vautravers B.P. | SEDIMENTOLOGY, GEOCHEMISTRY AND RESERVOIR POTENTIAL OF SANDSTONES IN THE SILURIAN AKKAS FORMATION, WESTERN IRAQ | 2019 | Journal of Petroleum Geology |
| 150 | Almahdi E.M., Zaidan A.A., Zaidan B.B., Alsalem M.A., Albahri O.S., Albahri A.S. | Mobile Patient Monitoring Systems from a Benchmarking Aspect: Challenges, Open Issues and Recommended Solutions | 2019 | Journal of Medical Systems |
| 151 | Alsalem M.A., Zaidan A.A., Zaidan B.B., Albahri O.S., Alamoodi A.H., Albahri A.S., Mohsin A.H., Mohammed K.I. | Multiclass Benchmarking Framework for Automated Acute Leukaemia Detection and Classification Based on BWM and Group-VIKOR | 2019 | Journal of Medical Systems |
| 152 | Almahdi E.M., Zaidan A.A., Zaidan B.B., Alsalem M.A., Albahri O.S., Albahri A.S. | Mobile-Based Patient Monitoring Systems: A Prioritisation Framework Using Multi-Criteria Decision-Making Techniques | 2019 | Journal of Medical Systems |
| 153 | Ghanim M.F. | The effect of wavelet transform on OFDM system in modern cellular networks | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 154 | Khatari M., Zaidan A.A., Zaidan B.B., Albahri O.S., Alsalem M.A. | Multi-Criteria Evaluation and Benchmarking for Active Queue Management Methods: Open Issues, Challenges and Recommended Pathway Solutions | 2019 | International Journal of Information Technology and Decision Making |
| 155 | Shihab M.S., Akmirza I., Mhemid R.K., Türker M., Alp K. | Abatement of dimethyl sulfide using anoxic biotrickling filter | 2019 | Journal of Chemical Technology and Biotechnology |
| 156 | Jamel R.S., Nayif M.M., Abdulla M.A. | Influence of different surface treatments of nickel chrome metal alloy and types of metal primer monomers on the tensile bond strength of a resin cement | 2019 | Saudi Dental Journal |

| | | | | |
|-----|---|--|------|---|
| 157 | Aladool A., Aziz M., Wright D. | Understanding the Influence of Initial Cluster Size Distribution On Crystallization Dynamics in The Ge ₂ Sb ₂ Te ₅ Phase-Change Alloy | 2019 | Physica Status Solidi (B) Basic Research |
| 158 | Al-Ameen Z. | Nighttime image enhancement using a new illumination boost algorithm | 2019 | IET Image Processing |
| 159 | Mohamed R., Dayati P., Mehr R.N., Kamato D., Seif F., Babaahmadi-Rezaei H., Little P.J. | Transforming growth factor- β 1 mediated CHST11 and CHSY1 mRNA expression is ROS dependent in vascular smooth muscle cells | 2019 | Journal of Cell Communication and Signaling |
| 160 | Alsharbaty F.S., Ali O.M., Sheet Y.S. | Estimating the consuming resources of IEEE 802.16e cell in case of video conference application | 2019 | IOP Conference Series: Materials Science and Engineering |
| 161 | Alshahwany R.B., Alzaidy M.N.J. | Effect of Metal Tanks Wastes as Fibers on Some Concrete Properties | 2019 | IOP Conference Series: Materials Science and Engineering |
| 162 | Alzaidy M.N.J. | Experimental study for stabilizing clayey soil with eggshell powder and plastic wastes | 2019 | IOP Conference Series: Materials Science and Engineering |
| 163 | Al-Yoonus M.A. | Using PC and Microcontroller to Implement Lab kits for Educational Purpose | 2019 | IOP Conference Series: Materials Science and Engineering |
| 164 | Moffeq M., Abdulrehman A. | The Impact of Climatic Elements on Formal Optimization for Educational Space (Evaluation of the reality of local school buildings in Baghdad) | 2019 | IOP Conference Series: Materials Science and Engineering |
| 165 | Al-Dabbagh Z.T., Algamal Z.Y. | A robust quantitative structure-activity relationship modelling of influenza neuraminidase a/PR/8/34 (H1N1) inhibitors based on the rank-bridge estimator | 2019 | SAR and QSAR in Environmental Research |
| 166 | Al-Fakih A.M., Algamal Z.Y., Lee M.H., Aziz M., Ali H.T.M. | A QSAR model for predicting antidiabetic activity of dipeptidyl peptidase-IV inhibitors by enhanced binary gravitational search algorithm | 2019 | SAR and QSAR in Environmental Research |
| 167 | Al-Obaydi M.A., Samadhiya N.K., Viladkar M.N. | Characteristics of Three-Dimensional Flow around Underground Structures | 2019 | Proceedings of the 5th International Engineering Conference, IEC 2019 |

| | | | | |
|-----|---|--|------|---|
| 168 | Al-Neama M.W., Ali S.M., Ahmed E.A. | An Efficient Parallel Algorithm for Global Sequence Alignment on Multi-cores | 2019 | Proceedings of the 5th International Engineering Conference, IEC 2019 |
| 169 | Adisa A.O., Costas-Chavarri A., Allen-Ingabire J.C., Lilford R.J., Harrison E.M., Pinkney T.D., Verjee A., Runigamugabo E., Altamini A., Borda-Luque G., Cornick J., Fitzgerald J.E., Kirby A., Mihaljevic A.L., Morton D., Ntirenganya F., Ots R., Shaw C.A., Khatri C., Gobin N., Freitas A.V., Hall N., Kim S.-H., Negida A., Jaffry Z., Chapman S.J., Arnaud A.P., Tabiri S., Recinos G., Manipal C.E., Mohan M., Amandito R., Shawki M., Hanrahan M., Zilinskas J., Roslani A.C., Goh C.C., Ademuyiwa A.O., Irwin G., Shu S. | | | |

| | | | | |
|-----|-----------|------------|-----------|-----------|
| 170 | León A.M. | Rodicio J. | Suarez A. | Vico T.D. |
|-----|-----------|------------|-----------|-----------|

| | | | | |
|-----|---|--|--|--|
| 171 | 8527193;56384464700;57201654553;57194625296;57217482836;34879844200;57533530300;57201661659;57179023300;26535476800;57201652435;56553169100;57201662468;57201654018;57208851785;57191914191;36028422400;57201661024;26534394600;57193342185;55415591400;57201660931;57190569056;57201651494;57201659940;57201653741;57201652584;57201651628;57201661693;57201659653;55490849500;57201657828;57191621933;57201654534;56487814000;57201656541;57201661848;55574184749;57201651093;57201653758;57201651990;5 | 2019 | British Journal of Surgery | 3 |
| 172 | n Agustín | Spain; Infanta Sofia University Hospital | Spain; Hospital Valle De Hebron | Spain; Central University Hospital Of Asturias |

| | | | | |
|-----|--|---|------|---|
| 173 | urgery Department | Ghana; Lytras | D. | Achillopoyleio General Hospital Of Volos |
| 174 | Hamdon A.A., Al-Helaly L.A. | Biochemical and histopathological study of thioredoxin reductase isolation from blood serum in normal and oxidative stress-exposed rats | 2019 | Iraqi Journal of Veterinary Sciences |
| 175 | Allawi A.H., Alkattan L.M., Al Iraqi O.M. | Clinical and ultrasonographic study of using autogenous venous graft and platelet-rich plasma for repairing achilles tendon rupture in dogs | 2019 | Iraqi Journal of Veterinary Sciences |
| 176 | Al-Hamdany M.Z. | Comparative anatomical, histological, and histochemical study of liver in human and domestic rabbit | 2019 | Iraqi Journal of Veterinary Sciences |
| 177 | Kassim H.W., Almallah O.D., Abdulrahman S.Y. | Effect of protected methionine and lysine supplementation to awassi ewes ration at flushing period on productive performance | 2019 | Iraqi Journal of Veterinary Sciences |
| 178 | Alobaidii W.A. | The serological diagnosis of canine leishmaniasis by using elisa in Nineveh province | 2019 | Iraqi Journal of Veterinary Sciences |
| 179 | Thanoon M.G., Eesa M.J., Abed E.R. | Effects of platelets rich fibrin and bone marrow on the healing of distal radial fracture in local dogs: Comparative study | 2019 | Iraqi Journal of Veterinary Sciences |

| | | | | |
|-----|---|--|------|--------------------------------------|
| 180 | Al-Aalim A.M., Al-Dabbagh S., Al-Khazaaly H., Al-Attar M. | Propagation of salmonella enterica serovar typhimurium in embryonated chicken egg | 2019 | Iraqi Journal of Veterinary Sciences |
| 181 | Esmaeel S.A., Albadrani B.A. | Prevalence and some risk factors of bovine heamotropic mycoplasma in Nineveh province - Iraq | 2019 | Iraqi Journal of Veterinary Sciences |
| 182 | Fadel M.A., Mohammad F.K. | Effect of diphenhydramine and phenobarbital in the concentration of glutathione and malondialdehyde and glucose in plasma and brain of chicks treated with pentylenetetrazol | 2019 | Iraqi Journal of Veterinary Sciences |
| 183 | Al-Dabbagh S.F. | Study of the relationship between the production of milk and some of its components with the growth of lambs in two breeds of Iraqi sheep | 2019 | Iraqi Journal of Veterinary Sciences |
| 184 | Al-Dabbagh S.Y. | Diagnostic study for Listeria monocytogenes isolated from brain and meat of sheep in Mosul city | 2019 | Iraqi Journal of Veterinary Sciences |
| 185 | Abdul-Rahman S.Y., Sultan K.H. | Effect of vitamin A and grazing in some physiological characters and milk production of Meriz does | 2019 | Iraqi Journal of Veterinary Sciences |
| 186 | Matty H.N., Hassan A.A. | Effect of heat stress on sex hormones, sex organ weight and relationships with sexual puberty in male rats | 2019 | Iraqi Journal of Veterinary Sciences |
| 187 | Abduljawaad A.N. | Histological and morphometrical study of the effect of season on layers and glands of skin in local Awassi sheep (Ovis ovis) | 2019 | Iraqi Journal of Veterinary Sciences |
| 188 | Al-Mahmood S.S., Al-Sabaawy H.B. | Fasciolosis: Grading the histopathological lesions in naturally infected bovine liver in Mosul city | 2019 | Iraqi Journal of Veterinary Sciences |
| 189 | Hussien M.M., Al-Mallah K.H. | Ovarian lesions in non pregnant ewes in Mosul city | 2019 | Iraqi Journal of Veterinary Sciences |
| 190 | Alhamdany M.S., Alkattan L.M. | Laparoscopic and hand-assisted cystorrhaphy strengthened with omental pedicle in dogs: Radiographic and ultrasonographic study | 2019 | Iraqi Journal of Veterinary Sciences |

| | | | | |
|-----|---|---|------|--------------------------------------|
| 191 | Al-Mahmood S.S., Kadeem A.S., Al-Ajeli R.R., Al-Kattan L.M. | Mixed thymic tumor in a rooster: Gross and histological features | 2019 | Iraqi Journal of Veterinary Sciences |
| 192 | Ismail R.H., Al- Hamdani A.H. | Effect of probiotic (Poultrystar®) and heat stress on some blood parameters in common carp (cyprinus carpio L.) | 2019 | Iraqi Journal of Veterinary Sciences |
| 193 | Al-Haaik A.G. | A gross anatomical and histological study of pancreas in adult Kestrel (Falco tinnunculus) | 2019 | Iraqi Journal of Veterinary Sciences |
| 194 | Al-Hyani O.H., Al- Hasan A.M. | A comparison between two different biomaterials for treatment of tracheal defect in dogs | 2019 | Iraqi Journal of Veterinary Sciences |
| 195 | Al-Jammas S., Al- Saraj A. | The histological changes induced by cytarabine on rabbits kidneys (With and without vitamin e administration) | 2019 | Iraqi Journal of Veterinary Sciences |
| 196 | Hassan A.A., Asem R.A., Al-Chalabi A.S. | Assessment the level of some heavy metal in vital body fluids and blood parameters in lactating Awassi ewes | 2019 | Iraqi Journal of Veterinary Sciences |
| 197 | Yahya M.Q. | Variations in the viability and macromolecules concentration of e. Granulosus protoscolices isolated from ruminants consequence treatment with nigella sativa seed's oil (in vitro study) | 2019 | Iraqi Journal of Veterinary Sciences |
| 198 | Al-Bajari S.A., Al- Akash M.A., Ismail H.K. | Experimental detection of antioxidant and atherogenic effects of grapes seeds extracts in rabbits | 2019 | Iraqi Journal of Veterinary Sciences |
| 199 | Hamoo R.N., Mustafa N.G., Abdulraheem S.A. | Nad1 gene analysis of echinococcus granulosus from sheep in Aqrah city, Iraq | 2019 | Iraqi Journal of Veterinary Sciences |
| 200 | Al-Mashhadane F.A., Mustafa E.A., Taqa G.A. | Histological and antimicrobial effects of tramadol infiltration on incisional oral mucosal wound healing in rabbits | 2019 | Iraqi Journal of Veterinary Sciences |
| 201 | Hasan M.H. | Detection of ectoparasites in different birds | 2019 | Iraqi Journal of Veterinary Sciences |

| | | | | |
|-----|---|---|------|---|
| 202 | Dawood A.A. | Different vectors used to transform and clone of nonstructural ns1 gene of influenza B in escherichia coli | 2019 | Iraqi Journal of Veterinary Sciences |
| 203 | Naser A.S., Amin Y.M. | Analgesic effect of silymarin in chicks | 2019 | Iraqi Journal of Veterinary Sciences |
| 204 | Al-Hyaly F.M., Hadi H.W. | Detecting of some fungicides ability to induce resistant mutations in Aspergillus amstelodami [رطفلا في ةمواقم تارفظ] ثادحاً ا بلع ةيرطفلا تاديبلما ض ةعب Aspergillus amstelodami] ةردق نع يرحتلا | 2019 | Scientific Journal of King Faisal University |
| 205 | Al-Rawachy A., Husseini T., Benedikt J., Bell J., Tasker P. | Behavioural Model Extraction using Novel Multitone Active Load-pull | 2019 | IEEE MTT-S International Microwave Symposium Digest |
| 206 | Husseini T., Al-Rawachy A., Benedikt J., Bell J., Tasker P. | Global Behavioural Model Generation Using Coefficients Interpolation | 2019 | IEEE MTT-S International Microwave Symposium Digest |
| 207 | Lemonidis K., Salih T.S., Dancer S.J., Hunter I.S., Tucker N.P. | Emergence of an Australian-like pstS-null vancomycin resistant Enterococcus faecium clone in Scotland | 2019 | PLoS ONE |
| 208 | Gagrani A., Alsultan M., Swiegers G.F., Tsuzuki T. | Photo-electrochemical oxygen evolution reaction by biomimetic CaMn2O4 catalyst | 2019 | Applied Sciences (Switzerland) |
| 209 | Al-Khayyat M.Z., Ameen A.G., Abdulla Y.A. | Virtual screening for inhibitors targeting the rod shape-determining protein in Escherichia coli | 2019 | Jordan Journal of Biological Sciences |
| 210 | Jones B.G., Alyazichi Y.M., Low C., Goodfellow A., Chenhall B.E., Morrison R.J. | Distribution and sources of trace element pollutants in the sediments of the industrialised Port Kembla Harbour, New South Wales, Australia | 2019 | Environmental Earth Sciences |
| 211 | Mohammed K., Agarwal M., Du X.B., Newman J., Ren Y. | Behavioural responses of the parasitoid Aphytis melinus to volatiles organic compounds (VOCs) from Aonidiella aurantii on its host fruit Tahitian lime fruit Citrus latifolia | 2019 | Biological Control |

| | | | | |
|-----|--|---|------|--|
| 212 | Fadhil A.B., Al-Tikrity E.T.B., Ibraheem K.K. | Transesterification of Bitter Almond Oil as a New Non-edible Feedstock with Mixed Alcohols System: Parameter Optimization and Analysis of Biodiesel | 2019 | Waste and Biomass Valorization |
| 213 | Al-Kass Z., Eriksson E., Bagge E., Wallgren M., Morrell J.M. | Bacteria detected in the genital tract, semen or pre-ejaculatory fluid of Swedish stallions from 2007 to 2017 | 2019 | Acta Veterinaria Scandinavica |
| 214 | Deb P.K., Al-Attraqchi O.H.A., Stanslas J., Al-Aboudi A., Al-Attraqchi N., Tekade R.K. | Biotechnology-Based Pharmaceutical Products | 2019 | Biomaterials and Bionanotechnology |
| 215 | Mahmood H.S., Ahmad R.R. | Determination of vitamin b6 (pyridoxine hydrochloride) in pharmaceutical preparations using high performance liquid chromatography | 2019 | Iraqi Journal of Science |
| 216 | Gulzar Y., Alwan A.A., Abdullah R.M., Xin Q., Swidan M.B. | SCSA: Evaluating skyline queries in incomplete data | 2019 | Applied Intelligence |
| 217 | Cabalar A.F., Demir S., Khalaf M.M. | Liquefaction resistance of different size/shape sand-clay mixtures using a pair of Bender element-mounted molds | 2019 | Journal of Testing and Evaluation |
| 218 | Aziz M.H., Al-Shamaa S.D. | Design and simulation of a CMOS image sensor with a built-in edge detection for tactile vision sensory substitution | 2019 | AIMS Electronics and Electrical Engineering |
| 219 | Al-Rawachy A., Hussein T., Benedikt J., Tasker P., Bell J. | Cardiff Behavioural Model Analysis using a Two-Tone Stimulus | 2019 | 2019 IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications, PAWR 2019 |
| 220 | Al-Naser K., Mohamed R. | Corporate culture and balanced scorecard use: Evidence from Iraqi manufacturing industries | 2019 | International Journal of Engineering and Advanced Technology |
| 221 | Mahmood A.B., Mahmood A.S. | Secret-text by e-Abacus diagram II | 2019 | Iraqi Journal of Science |

| | | | | |
|-----|---|--|------|---|
| 222 | Al-Jubbori M.A., Kassim H.H., Radhi F.S., Attarzadeh A., Hossain I., Ahmed I.M., Sharrad F.I. | Critical Point of the 152Sm, 154Gd, and 156Dy Isotones | 2019 | Physics of Atomic Nuclei |
| 223 | Al-Hayali M.A., Sozer V., Durmus S., Erdenen F., Altunoglu E., Gelisgen R., Atukeren P., Atak P., Uzun H. | Clinical value of circulating microribonucleic acids mir-1 and mir-21 in evaluating the diagnosis of acute heart failure in asymptomatic type 2 diabetic patients | 2019 | Biomolecules |
| 224 | Ezzat S.S., Mani P.D., Khaniya A., Kaden W., Gall D., Barmak K., Coffey K.R. | Resistivity and surface scattering of (0001) single crystal ruthenium thin films | 2019 | Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films |
| 225 | Alsawaf M., Ghazali A.H., Mohammad T.A., Ab Ghani A., Yusuf B. | Movable-Bed Experiments Using Spur Dike to Concentrate Flow in One Channel of Multithreaded Channel Model | 2019 | Journal of Hydraulic Engineering |
| 226 | Al-Omari A., Brunetaud X., Beck K., Al-Mukhtar M. | Thermal stress and damage risk in the stones of Al-Ziggurat in Al- Nimrud city, Iraq | 2019 | Journal of Cultural Heritage |
| 227 | Elbahri F.M., Ismael Al-Sanjary O., Ali M.A.M., Ali Naif Z., Ibrahim O.A., Mohammed M.N. | Difference Comparison of SAP, Oracle, and Microsoft Solutions Based on Cloud ERP Systems: A Review | 2019 | Proceedings - 2019 IEEE 15th International Colloquium on Signal Processing and its Applications, CSPA 2019 |
| 228 | Yahya E.B., Al- Somaidai M.B. | Network parameters effects on system resources in software defined networks | 2019 | ACM International Conference Proceeding Series |
| 229 | Ismaiel Y.H. | Visual cryptography for message confidentiality | 2019 | AIP Conference Proceedings |
| 230 | Salih M.M., Ramadhan S.A.M., Al-Abaji M.A. | Multi approach for finger print recognition based on transformation methods | 2019 | AIP Conference Proceedings |
| 231 | Mitras B.A., Anwar D.A. | Using hybrid PSO algorithm with modified conjugate gradient method for some image processing | 2019 | AIP Conference Proceedings |
| 232 | Fadhil A.B., Sedeeq S.H., Al-Layla N.M.T. | Transesterification of non-edible seed oil for biodiesel production: characterization and analysis of biodiesel | 2019 | Energy Sources, Part A: Recovery, Utilization and Environmental Effects |

| | | | | |
|-----|---|--|------|---|
| 233 | Najm H.Y., Hamed E.T., Ahmed H.I. | Global convergence of conjugate gradient method in unconstrained optimization problems | 2019 | AIP Conference Proceedings |
| 234 | Saadi A.M., Hasan G.M. | The effect of nutrition and the seasons of the year on the composition of cow's milk in two different areas of the province of Mosul | 2019 | Journal of Entomological Research |
| 235 | Al-Hamidi M.M., Al-Khatib A.R. | Overview on the microleakage in orthodontics | 2019 | International Medical Journal |
| 236 | Al-Mashhadane F.A. | The activity of serratiopeptidase on oral wound healing in rabbits | 2019 | International Journal of Pharmaceutical Research |
| 237 | Al Hamdany A.K., Al-Khatib A.R., Al-Sadi H.I. | An overview of the beneficial effects of quercetin on bone | 2019 | International Medical Journal |
| 238 | Al-Qatan M.A.-R., Al-Khayyat M.Z., Saeed H.K. | Isolation of antibiotic-resistant bacteria from sewage water in mosul city | 2019 | Biochemical and Cellular Archives |
| 239 | Abdullah O.G.H., Hanna R.R., Salman Y.A.K. | Structural and electrical conductivity of CH:MC bio-polyblend films: Optimize the perfect composition of the blend system | 2019 | Bulletin of Materials Science |
| 240 | Khudhayer H.F., Atiyah H.H. | Effectiveness of an education program on nurses' knowledge at orthopedic wards in ghazi al-hariri martyr hospital for surgical specialties | 2019 | Research Journal of Pharmacy and Technology |
| 241 | Alsharbaty F., Sheet Y.S., Alshorbaji M.A. | Influence of coordinated multipoint transmission on the traffic of 802.16e system | 2019 | Proceedings - 2019 6th International Conference on Electrical and Electronics Engineering, ICEEE 2019 |
| 242 | Khudhur E., Alwatar B., Alrawy I.Y. | Applied study for the treatment of inactive ovaries in heifer's cows by using PMSG with vitamins and minerals | 2019 | International Journal of Pharmaceutical Research |
| 243 | Mahmood R.Z., Fathil A.F. | High Speed Parallel RC4 Key Searching Brute Force Attack Based on FPGA | 2019 | 2019 International Conference on Advanced Science and Engineering, ICOASE 2019 |
| 244 | Zuhair Elias M. | Scattering by interface roughness of InAs/GaAs quantum well under some external influences | 2019 | Physica E: Low-Dimensional Systems and Nanostructures |

| | | | | |
|-----|--|--|------|--|
| 245 | Aladul M.I., Fitzpatrick R.W., Chapman S.R. | Differences in UK healthcare professionals' knowledge, attitude and practice towards infliximab and insulin glargine biosimilars | 2019 | International Journal of Pharmacy Practice |
| 246 | Mahmood A.B., Mahmood A.S. | Secret-word by e-abacus diagram I | 2019 | Iraqi Journal of Science |
| 247 | Als Salman F., Ali A. | Estimation effort using developed cat swarm optimization | 2019 | ACM International Conference Proceeding Series |
| 248 | Al Zoubi T., Albiss B., Al-Akhras M.-A., Qutaish H., Alabed E., Nazrul S. | NiO-nanofillers embedded in graphite/PVA-polymer matrix for efficient electromagnetic radiation shielding | 2019 | AIP Conference Proceedings |
| 249 | Al-Mutlaq S., Mahal E., Yahya R., Mahal A. | Effect of chlorination on the assessment of waste engine oil modified asphalt binders | 2019 | Petroleum Science and Technology |
| 250 | Alhamzawi R., Algarni Z.Y. | Bayesian bridge quantile regression | 2019 | Communications in Statistics: Simulation and Computation |
| 251 | Abubakar A.A., Ibrahim S.M., Ali A.K., Handool K.O., Khan M.S., Noordin Mustapha M., Azmi Ibrahim T., Kaka U., Mohamad Yusof L. | Postnatal ex vivo rat model for longitudinal bone growth investigations | 2019 | Animal Models and Experimental Medicine |
| 252 | Al-Memary K.A.O., Al-Hyali E.A.S., Al-Sayd Toohi H.T.S. | Adsorption of new azo dyes derived from 4-aminoantipyrine from aqueous solution by a new type of activated carbon: Equilibrium and kinetic studies | 2019 | Research Journal of Pharmacy and Technology |
| 253 | Hadi H.W. | Genetic study on bacillus cereus | 2019 | Research Journal of Pharmacy and Technology |
| 254 | Abdulaziz E., Abduljabbar E., Alsaif K. | Feature extraction of music digital drugs properties based on contourlet transformation | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |
| 255 | Mohammed N., Ibrahim N. | Implementation of new secure encryption technique for cloud computing | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |

| | | | | |
|-----|--|--|------|--|
| 256 | Ali D., Mahmoud A. | Security assessment of internet of things in healthcare environment | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |
| 257 | Olewi Z., Thanoon K., Alsaif K. | High frequency coefficient effect on image based on contourlet transformation | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |
| 258 | Aziz M., Hamid M. | The possibility of increasing the predictability indices after control of 3D-continuous-time system | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |
| 259 | Alsaif O., Saleh I., Ali D. | Evaluating the performance of nodes mobility for zigbee wireless sensor network | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |
| 260 | Hassan B., Jabbar H., Al-Bayati A. | A new class of nonlinear conjugate gradient method for solving unconstrained minimization problems | 2019 | ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and their Applications 2019 |
| 261 | Abbas E.F. | Experimental investigation of a small passive solar system | 2019 | International Journal on Energy Conversion |
| 262 | Suliaman A.G., Hameed T.G., Aldabbagh S.S.M., Al-Enezi K.A., Alsafran H.Y. | Designing and developing a database management system for mosul university by using personal home page language my structured query language | 2019 | Journal of Computational and Theoretical Nanoscience |
| 263 | Aldabbagh S.S.M., Suliaman A.G., Al-Enezi K.A., Alenezi K.H. | Security of 4-Bit S-boxes | 2019 | Journal of Computational and Theoretical Nanoscience |
| 264 | Aldabbagh S.S.M., Suliaman A.G., Al-Enezi K.A., Alenezi A.Y. | Improving the cost of 4G/LTE algorithm by using OLBCA lightweight block cipher algorithm | 2019 | Journal of Computational and Theoretical Nanoscience |
| 265 | Aldabbagh S.S.M., Suliaman A.G., Al-Enezi K.A., Alhatem K. | Intensive comparison between Bitcoin and Ethereum | 2019 | Journal of Computational and Theoretical Nanoscience |
| 266 | Aldabbagh S.S.M., Suliaman A.G., Al-Enezi K.A., Alazmi N.S. | Proposed method to generate involutive S-box | 2019 | Journal of Computational and Theoretical Nanoscience |

| | | | | |
|-----|---|--|------|---|
| 267 | Alkandari A., Almutairi N.M., Aldabbagh S., AlAhmad M.A. | Multi-sensor leakage detector robot for nuclear radiation and chemicals | 2019 | Journal of Computational and Theoretical Nanoscience |
| 268 | Al-Enezi K.A., Aldabbagh S.S.M., Al Shaikhli I.F.T., Alwuhaib J.M. | The influence of internet and social media on purchas decisions in Indonesia and a comparison between Indonesia and Kuwait | 2019 | Journal of Computational and Theoretical Nanoscience |
| 269 | Manea A.I., Al-Bayati H.J.M., Al-Taey D.K.A. | Impact of yeast extract, zinc sulphate and organic fertilizers spraying on potato growth and yield | 2019 | Research on Crops |
| 270 | Fawzi L.M., Alqarawi S.M., Ameen S.Y., Dawood S.A. | Two levels alert verification technique for smart oil pipeline surveillance system (SOPSS) | 2019 | International Journal of Computing and Digital Systems |
| 271 | Hassan B.A., Khalo H.K. | A new class of BFGS updating formula based on the new quasi-newton equation | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 272 | Hassan B.A. | A new formula for conjugate parameter computation based on the quadratic model | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 273 | Hashim A.K., Najam L.A., Mohammed E.J., Hameed A.S. | Estimation of radon exhalation rate, radium activity and uranium concentration in biscuit samples in Iraq | 2019 | Iranian Journal of Medical Physics |
| 274 | Abojassim A.A., Mohammed H.A.-U., Najam L.A., El-Taher A. | Uranium isotopes concentrations in surface water samples for Al-Manathera and Al-Heerra regions of An-Najaf, Iraq | 2019 | Environmental Earth Sciences |
| 275 | Al-Lolage F.A., Bartlett P.N., Gounel S., Staigre P., Mano N. | Site-Directed Immobilization of Bilirubin Oxidase for Electrocatalytic Oxygen Reduction | 2019 | ACS Catalysis |
| 276 | Thomas P.A., Alhamd O., Iszkuło G., Dering M., Mukassabi T.A. | Biological Flora of the British Isles: Aesculus hippocastanum | 2019 | Journal of Ecology |
| 277 | Mhemid R.K.S., Akmirza I., Shihab M.S., Turker M., Alp K. | Ethanethiol gas removal in an anoxic bio-scrubber | 2019 | Journal of Environmental Management |
| 278 | Ahmad O.S., Bedwell T.S., Esen C., Garcia- Cruz A., Piletsky S.A. | Molecularly Imprinted Polymers in Electrochemical and Optical Sensors | 2019 | Trends in Biotechnology |

| | | | | |
|-----|---|---|------|---|
| 279 | Aladul M.I., Fitzpatrick R.W., Chapman S.R. | The effect of new biosimilars in rheumatology and gastroenterology specialities on UK healthcare budgets: Results of a budget impact analysis | 2019 | Research in Social and Administrative Pharmacy |
| 280 | Ahmed H.I., Al-Sabaawe Y.M.K., Al-Shammri E.F.Y. | Achieving an E-collaboration integration between the outputs of higher institutions and the requirements of the labor market | 2019 | Proceedings - 2018 1st Annual International Conference on Information and Sciences, AiCIS 2018 |
| 281 | Shinashal R.Z. | Pathogenicity of staphylococcus aureus and affinity to produce staphylokinase | 2019 | International Journal of Research in Pharmaceutical Sciences |
| 282 | Al-Badrany Z., Al-Somaidai M.B. | Network Performance Evaluation of Distributed SDN using Floodlight Controllers | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 283 | Taha D.B., Taha T.B. | Towards a New Metric for Watermarked Image Assessment | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 284 | Ameen Y.M.Y., Sedeeq M.B. | Large and Large-Medium Combination SVPWM for Five-Phase Voltage Source Inverter | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 285 | Mohammed E.A., Farej Z.K., Jabbar A.I.A. | Detection of DTV Spectrum White Spaces for IEEE 802.22 Network Using Correlator Detector | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 286 | Ahmed H.M. | Hiding Color Image within a video file using Discrete Wavelets Transform and Artificial Neural Networks | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 287 | Alyozbaky O.S., Kadir M.Z.A.A., Izadi M., Gomes C., Azis N.B., Isa M.B.M. | New Optimization Technique to Design the Core of Three-Phase Transformer | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 288 | Jirjees M.A., Al-Nimma D.A., Al-Hafidh M.S.M. | Selection of Proper Voltage Stability Index for Real System Loading | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 289 | Saadi O.N., Abdulkader Z.N., Abdul-Jabbar J.M. | Implementation of ECG Classification Xilinx System Generator | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |

| | | | | |
|-----|---|---|------|---|
| 290 | Ali A.J., Ahmed A.H., Saied B.M. | Cogging torque Mitigation for PMSM using stator slots design and Magnets skewing | 2019 | 2nd International Conference on Electrical, Communication, Computer, Power and Control Engineering, ICECCPCE 2019 |
| 291 | Ismae S., Tareq O., Qassim Y.T. | Hardware/software co-design for a parallel three-dimensional bresenham's algorithm | 2019 | International Journal of Electrical and Computer Engineering |
| 292 | Zubair O.A.R., Mohammad M.Y. | Post-traumatic stress disorder among mosul and nineveh medical group colleges students: A survey study | 2019 | Indian Journal of Public Health Research and Development |
| 293 | Al-Bajari S.A., Al-Lehebe N.I., Al-Alsadoon L.H. | Study of serum antioxidants, trace elements and leptin levels in epilepsy patients | 2019 | Indian Journal of Public Health Research and Development |
| 294 | Baktash M.Q., Naji A.B. | Efficacy of health belief model in enhancing exercise behavior to preventing stroke among geriatrics homes residents in Baghdad City | 2019 | Indian Journal of Public Health Research and Development |
| 295 | Al-Fakih A.M., Algamal Z.Y., Lee M.H., Aziz M., Ali H.T.M. | QSAR classification model for diverse series of antifungal agents based on improved binary differential search algorithm | 2019 | SAR and QSAR in Environmental Research |
| 296 | Meneghello M., Al-Lolage F.A., Ma S., Ludwig R., Bartlett P.N. | Studying Direct Electron Transfer by Site-Directed Immobilization of Cellobiose Dehydrogenase | 2019 | ChemElectroChem |
| 297 | Abid W.K., AL Mukhtar Y.H. | Repair of surgical bone defects grafted with hydroxylapatite + β -TCP combined with hyaluronic acid and collagen membrane in rabbits: A histological study | 2019 | Journal of Taibah University Medical Sciences |
| 298 | Al-Kass Z., Spergser J., Aurich C., Kuhl J., Schmidt K., Morrell J.M. | Effect of presence or absence of antibiotics and use of modified single layer centrifugation on bacteria in pony stallion semen | 2019 | Reproduction in Domestic Animals |
| 299 | Al-Thanoon N.A., Qasim O.S., Algamal Z.Y. | A new hybrid firefly algorithm and particle swarm optimization for tuning parameter estimation in penalized support vector machine with application in chemometrics | 2019 | Chemometrics and Intelligent Laboratory Systems |

| | | | | |
|-----|--|---|------|--|
| 300 | Khodair Z.T., Al-Jubbori M.A., Hassan A.M., Aljuboori M.S., Sharrad F.I. | Structural Properties of (Sn _{1-x} Mg _x O) Thin Films and Optical Parameter Dependence with Gamma Ray Irradiation | 2019 | Journal of Electronic Materials |
| 301 | Shinashal R.Z. | A review on Salmonella bacteria in human and animal | 2019 | International Journal of Research in Pharmaceutical Sciences |
| 302 | Daod N.A., Zeki M.K. | Density and Mass Distribution of Spiral Galaxy NGC 3198 | 2019 | Astrophysical Journal |
| 303 | Al-Zubaidi A., Al-Badrani O. | Paleoclimatology Evidence of Eocene from Jaddala Formation in Northwestern Iraq | 2019 | Advances in Science, Technology and Innovation |
| 304 | Al-Heety E., Al Esho L. | Faulting Style and b-Value: A Global Perspective | 2019 | Advances in Science, Technology and Innovation |
| 305 | Al-shareefi I., Al-Badrani O., Yousif A. | Micropaleontological Study of the Contact Between Kometan and Shiranish Formations from Dokan Area, Northern Iraq | 2019 | Advances in Science, Technology and Innovation |
| 306 | Alabady S.A., Al-Turjman F. | LCPC Code for Wireless Body Area Networks | 2019 | Internet of Nano-Things and Wireless Body Area Networks (WBAN) |
| 307 | Nayif M.M. | Ultimate tensile strength of total and self-etch adhesives: Effect of light irradiation distance | 2019 | Journal of Oral Research |
| 308 | Yahya E.M., Al Naimi A.M., Sulaiman A.R. | Quantitative evaluation of debris extruded apically using reciprocating versus continuous rotation single file with rotary and hand glide path file | 2019 | Journal of Oral Research |
| 309 | Al-Ali A.A.S., Al-Noori A.K., Taqa A.A. | Tensile and transverse strength of novel copolymers for denture base | 2019 | Journal of Oral Research |
| 310 | Hasan N.H., Nayif M.M., Taqa A.A. | Ftir and sem of a novel chemical conditioning on the zirconia intaglio surface | 2019 | Journal of Oral Research |
| 311 | Al-Saffar M.T., Taqa A.A. | The effects of luteolin nanoparticles on the healing of extracted tooth socket in rabbits | 2019 | Journal of Oral Research |
| 312 | Alhamdani A.A.G., Shuker A.M., Jawad I.A. | Antibacterial activity and effects of aromatic derivatives on denture base polymerization | 2019 | Journal of Oral Research |

| | | | | |
|-----|---|---|------|--|
| 313 | Sinjari W.E.A., Al-Saffawi A.-A.Y.T., Al-Tae Y.A.J. | Application of WQI Model to Assessment of Water for Irrigation and Livestock Drinking Purpose: The Case Study, Ground Water Quality of Glewkhan Village Southeastern of Mosul City Iraq | 2019 | ARNP Journal of Engineering and Applied Sciences |
| 314 | Th. Al-Hamed S., Aswad K.J., Aziz N.R. | Classification of Composite Pegmatite via Staining and Digital Image Processing in the Bulfat Complex, Qala Deza, NE (Iraq) | 2019 | Advances in Science, Technology and Innovation |
| 315 | Ali H.K., Mustafa E.A., Shehab M.M. | Evaluation of the effect of coating Vertex denture lining material with plant oils on microbial growth and hardness | 2019 | Journal of Oral Research |
| 316 | Alsultan M., Zainulabdeen K., Wagner P., Swiegers G.F., Warren H. | Designed conducting polymer composites that facilitate long-lived, light-driven oxygen and hydrogen evolution from water in a photoelectrochemical concentration cell (PECC) | 2019 | Journal of Composites Science |
| 317 | Hussein G.S. | THE USE OF PCR TO DETECT ALTERNARIA ALTERNATA FUNGI WHICH ISOLATED FROM TOMATO FRUIT | 2019 | Biochemical and Cellular Archives |
| 318 | Abdullah B.A., Hamed G.Y. | Temporomandibular joint disorder predisposing factors and clicking | 2019 | Journal of Oral Research |
| 319 | Hasan L.A., Al-Sayagh N.M., Al-Banaa L.R. | Influence of different orientations and rates of bidirectional distraction osteogenesis of the mandibular corpus: A three-dimensional study. | 2019 | Journal of Oral Research |
| 320 | Al-Hatem J.Y., Yahya A.A., Jabar Hamed A.A.-A., Kallel B. | Effect of zinc oxide molecules and zinc sulfate on some vegetative growth and flowering in carnation (Dianthus Caryophyllus L.) | 2019 | Plant Archives |
| 321 | Deleme Z.H., Abdul H.N. | The effects of bioadhesive hyaluronic acid gel versus diclofenac after surgical removal of impacted wisdom teeth | 2019 | Journal of Oral Research |

| | | | | |
|-----|---|---|------|--|
| 322 | Algamal Z.Y. | A particle swarm optimization method for variable selection in beta regression model | 2019 | Electronic Journal of Applied Statistical Analysis |
| 323 | Shamany R.E., Alobaidi N.N., Algamal Z.Y. | A new two-parameter estimator for the inverse Gaussian regression model with application in chemometrics | 2019 | Electronic Journal of Applied Statistical Analysis |
| 324 | Amin M., Ghareeb E. | The intellectual origins and ideas of the ahali group | 2019 | Law, Personalities, and Politics of the Middle East: Essays in Honor of Majid Khadduri |
| 325 | Yahya R.T. | Effect of copper oxide nanoparticles in some biomolecules content of Vicia faba L. Plants tissues | 2019 | Ecology, Environment and Conservation |
| 326 | Salih T.K., Younis M.S., Wali S.T. | Dendroclimatological Analysis of Pinus brutia Ten. Grown in Swaratoka, Kurdistan Region—Iraq | 2019 | Springer Proceedings in Earth and Environmental Sciences |
| 327 | Al Sarraf Z.S. | Design and analysis of ultrasonic horns operating in multiple vibration modes | 2019 | International Journal of Mechanics |
| 328 | Ali Al-Saleem I.A.A. | Celiac disease and risk of lymphoma | 2019 | Malaysian Journal of Biochemistry and Molecular Biology |
| 329 | Al-Hamdani R.I., Mohammed L.A.K., Mohammed J.H. | The future of bitcoin as a tool for financial development | 2019 | Journal of Information Technology Management |
| 330 | Farhan M.K., Talib H.A., Mohammed M.S. | Key factors for defining the conceptual framework for quality assurance in e-learning | 2019 | Journal of Information Technology Management |
| 331 | AlSaqa Z.H., Hussein A.I., Mahmood S.M. | The impact of blockchain on accounting information systems | 2019 | Journal of Information Technology Management |
| 332 | Al-Ghazali M.H.I. | The interrelationship between quality costs and pricing decision-making: An exploratory study on a sample of industrial companies | 2019 | Journal of Information Technology Management |
| 333 | Salih T.S., Muhammad M.A.-G., Ibraheem M.A.-R. | Molecular phylogenetic analysis using 16S ribosomal RNA and multiple housekeeping genes of a bioactive streptomyces sp. isolated from mosul, Iraq | 2019 | Malaysian Journal of Biochemistry and Molecular Biology |

| | | | | |
|-----|---|---|------|--|
| 334 | Myasar A.-K., Mudhafar A.-N.A., Ahmed Z.A. | Comparative study of new formula of ultrasound gel with commercial ultrasound gel | 2019 | Drug Invention Today |
| 335 | Al-Atrakchii A.O., Qasem J.Y., Khattab A.A. | Response of fenugreek trigonellafoenum-Graecuml.to pinching, fertilization with nitrogen and cobalt chloride | 2019 | Plant Archives |
| 336 | Altalb A.A.T. | The application level of agricultural extension recommendationsforthedripirrigati ontechnologyin rabiadistrict,ninawagovernorate,Iraq | 2019 | Plant Archives |
| 337 | AL-Bayati H.J.M., Mutar N.S., Manea A.I. | Type of application dry yeast extract and poultry manure on growthand yield of potato | 2019 | Plant Archives |
| 338 | Al-Hatem J.Y., Yahya A.A., Hamed A.A.- A.J., Kallel B. | Effectofzincoxidemoleculesandzinc sulfateonsome vegetative growth and flowering in carnation (dianthuscaryophyllusl.) | 2019 | Plant Archives |
| 339 | Hasan H.M., Khorshed A.C., Saleh S.M. | Chromatographic investigation ofalkaloids (atropine and hyoscyne) and fatty acid compounds of Datura stramoniumand study of its antioxidant effect | 2019 | Plant Archives |
| 340 | Esho K.B. | Correlation and path coefficient analysis in some pepper genotypes (Capsicum annum L.) | 2019 | Plant Archives |
| 341 | Saleem Al-Sawaf M.D., Abd Al-Anzi K.H. | Effect of spraying with boron, zinc and soaking with gibberellic acid and paclobutrazol in some flowering traits, corms and cormels yield for gladiolus hybrida plant (traderhorn cultivar) | 2019 | Plant Archives |
| 342 | Hamad M.A., AL- Jumaa Z.M., Al-Aalim A.M., Jaber Mayahi M.T. | Detection of mycoplasma bovis in pneumonic calves | 2019 | Journal of Pure and Applied Microbiology |
| 343 | Hamad M.A., Al- Aalim A.M., Alchalaby A.Y.H. | Diagnosis of mycoplasma from starlings lungs | 2019 | Journal of Pure and Applied Microbiology |

| | | | | |
|-----|--|--|------|--|
| 344 | Abdullah R.M., Basher R., Alwan A., Abualkishik A.Z. | Quantum computers for optimization the performance | 2019 | Procedia Computer Science |
| 345 | Ibrahim N.K., Hammed H., Zaidan A.A., Zaidan B.B., Albahri O.S., Alsalem M.A., Mohammed R.T., Jasim A.N., Shareef A.H., Jalood N.S., Baqer M.J., Nidhal S., Almahdi E.M., Alaa M. | Multi-Criteria Evaluation and Benchmarking for Young Learners' English Language Mobile Applications in Terms of LSRW Skills | 2019 | IEEE Access |
| 346 | Ali S.G. | Emotional deprivation and its relation to the social intelligence of preparatory students in Mosul City | 2019 | International Journal of Innovation, Creativity and Change |
| 347 | Omar N.S., Kadhim K.A., Al-Baqa M.A.K. | The functional use of imperative in the translated chapter of Joseph | 2019 | SKASE Journal of Translation and Interpretation |
| 348 | Majeed K.G., Sulyman S.A.A., Fathi H.B. | Estimation of segmental and total body fat in healthy adults: Comparison of bio-electric impedance analysis and dual energy X-ray absorptiometry [Sağlıklı yetişkinlerde segmental ve total vücut yağı tahmini: Biyoelektrik impedans analizi ve dual enerji x-ray absorpsiyometrinin karşılaştırılması] | 2019 | Turkish Journal of Endocrinology and Metabolism |
| 349 | Alwan A.J., Alwan S.J. | Comparing the effect of some plant extracts and commercial washes against some isolated Microorganisms from vagina of pregnant women | 2019 | Annals of Tropical Medicine and Public Health |
| 350 | AL-Chalabi A.T.M. | Effect of agricultural media and gibberellic acid by foliar application on growth and flowering of cockscomb <i>Celosia crestata</i> | 2019 | International Journal of Agricultural and Statistical Sciences |
| 351 | Altaee A.H.Y., Alsawaf M.D. | Effect of urea foliar and organic fertilizer Humimax application on growth of <i>Yucca aloifolia</i> L | 2019 | International Journal of Agricultural and Statistical Sciences |

| | | | | |
|-----|--|--|------|--|
| 352 | Younus M.H., Ali G.G., Aswad T.A. | Effect of annealing temperature on response of ZnO sensor deposited on glass substrate | 2019 | African Review of Physics |
| 353 | Al-Juthery H.W.A., AL-Fadhly J.T.M., Ali E.A.H.M., AL-Taee R.A.H.G. | Role of some nanofertilizers and atonikin maximizing for production of hydroponically-grown barley fodder | 2019 | International Journal of Agricultural and Statistical Sciences |
| 354 | Ibraheem F.F.R., Allela W.B.A.M., AL-Bayati H.J.M. | Effect of soil mulching, organic and inorganic fertilizer on growth and yield of summer squash | 2019 | International Journal of Agricultural and Statistical Sciences |
| 355 | AL-Bayati H.J.M. | Growth and yield of cauliflower as affected by boron and fertilizer type | 2019 | International Journal of Agricultural and Statistical Sciences |
| 356 | Madlul N.S., Al-Najjar E., Baker Y.T., Abd Al-Ramthany Z.F. | Using the arimamodels to predict wheat crop production in Iraq | 2019 | Annals of Tropical Medicine and Public Health |
| 357 | Mohsin A.H., Jasim A.N., Shareef A.H., Zaidan A.A., Zaidan B.B., Albahri O.S., Albahri A.S., Alsalem M.A., Mohammed K.I., Nidhal S., Jalood N.S. | New Method of Image Steganography Based on Particle Swarm Optimization Algorithm in Spatial Domain for High Embedding Capacity | 2019 | IEEE Access |
| 358 | Ahmed H.I., Al-Kawaz R.Z., Al-Bayati A.Y. | Spectral Three-Term Constrained Conjugate Gradient Algorithm for Function Minimizations | 2019 | Journal of Applied Mathematics |
| 359 | Aziz A.T., Sultan S.H. | Spectrophotometric determination of mesalazine in pharmaceutical preparations by oxidative coupling reactions with m-aminophenol and 2,6-dihydroxybenzoic acid | 2019 | Baghdad Science Journal |
| 360 | Ali O.T., Mohammed M.J. | Bioactive phenolic compounds from natural zygotheca fabago plant: Isolation, purification and characterization | 2019 | Journal of Global Pharma Technology |

| | | | | |
|-----|---|--|------|---|
| 361 | Shareef O.A., Said S.A., Abdulrazaq A.Y. | Synthesis and kinetic investigations for the isomerization process of 2-hydroxy chalcone derivatives | 2019 | Journal of the Chemical Society of Pakistan |
| 362 | Al-Salami I., Al-Gwaree R.N., Al-Abedy A.N. | Genetic relationship among some isolates of rhizoctonia solani isolated from some infected tomato plants (<i>Solanum lycopersicum</i> L) | 2019 | Journal of Global Pharma Technology |
| 363 | Aljubouri M.E., Abdulazeez Q.M. | Effect of emitted pollutants from crude oil refining on biochemical blood variables of in-site workers | 2019 | Journal of Engineering Science and Technology |
| 364 | Taha D.B., Taha T.B., Al Dabagh N.B., Ngadiran R., Ehkan P. | Digital image watermarking algorithm based on texture masking model | 2019 | Journal of Engineering Science and Technology |
| 365 | 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 | 2019 | Journal of Global Pharma Technology |
| 366 | Khurshid F.F., Sedeeq A.M.A. | Power requirement for sowing patterns on two fallow lands under wheat production | 2019 | Applied Ecology and Environmental Research |
| 367 | Mustafa Y.F. | Synthesis, characterization and preliminary cytotoxic study of sinapic acid and its analogues | 2019 | Journal of Global Pharma Technology |
| 368 | Mousa Y.J. | Analgesic, antipyretic and anti-inflammatory efficacy of ketorolac in the chicks | 2019 | Indian Journal of Animal Sciences |
| 369 | Nadir A.H., Abdulqadr F.H., Shuker N.H. | Sum ideal graphs associated to a given ideal of a commutative ring | 2019 | Iraqi Journal of Science |
| 370 | Shuker W.H. | Study the effect of some growth factors on the production of lasparaginase enzyme by fungal isolate aspergillus flavus | 2019 | Journal of Global Pharma Technology |
| 371 | Hussain K.J., Al-Farwachi M.I., Hassan S.D. | Seroprevalence and risk factors of bovine respiratory syncytial virus in cattle in the Nineveh Governorate, Iraq | 2019 | Veterinary World |

| | | | | |
|-----|--|--|------|--|
| 372 | Al-Saleem I.A.A.A., Ghanem N.G., Fatihi I.A. | Histopathological study of endometrial samples in patients with abnormal uterine bleeding | 2019 | Biochemical and Cellular Archives |
| 373 | Alwan G., Emter C., Anaz A., Manring N., Alwan Y., Salim A.D., Leary E., Delafontaine P., Hassan A. | Real-time determination of the cardiovascular mechanical determinants using the intra- aortic balloon pump mechanism | 2019 | ASME 2019 Dynamic Systems and Control Conference, DSCC 2019 |
| 374 | Kannah A.M.A., Al- Hayani A.S.J.Z., Al- Jubouri M.I. | The biological ability of chara sp. algae to absorb nickel from the environment | 2019 | Malaysian Journal of Biochemistry and Molecular Biology |
| 375 | Gusley R., Sentosun K., Ezzat S., Coffey K.R., West A.C., Barmak K. | Electrodeposition of epitaxial CO on Ru(0001)/Al ₂ O ₃ (0001) | 2019 | Journal of the Electrochemical Society |
| 376 | Sulaiman A.I. | Molecular Identification of Fusobacterium Isolates and limitation of Biofilm Formation Adhesion Gene (fadA) in Dental Outpatients | 2019 | Baghdad Science Journal |
| 377 | Ahmad N.R., Omar F.K. | Colorimetric assay of thiamine hydrochloride in pharmaceutical preparations | 2019 | Baghdad Science Journal |
| 378 | Salim S.A., Talb A.- O.Q., Saad A.S., Yousif A.S. | Clinico-pathological and biochemical aspects of foot and mouth disease in calves | 2019 | Advances in Animal and Veterinary Sciences |
| 379 | Sulaiman A.A., Muhammed A.A.K., Ivashchenko M.M. | Optical and electrical properties of n-type porous silicon produced by electrochemical etching and study the influence of γ -irradiation | 2019 | Journal of Nano- and Electronic Physics |
| 380 | Albalak F.M.M., Abdullah Z., Kamardin H. | The influence of external contingency factors and activity- based costing implementation on organizational performance | 2019 | Jurnal Pengurusan |
| 381 | Khudher I.M., Ibrahim Y.I. | Swarm intelligent hyperdization biometric | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 382 | Alhabib M.H., Alhabib O.H. | Detection of partially overlapped masses in mammograms | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 383 | Ali A.M., Ali A.A. | The Connected Detour Numbers of Special Classes of Connected Graphs | 2019 | Journal of Mathematics |

| | | | | |
|-----|--|---|------|--|
| 384 | Ibrahim A., Hiripitiyage Y., Warren J., Peltier E.F., Sturm B.S.M. | Enhancing removal of aromatic compounds using an integrated biofilm-GAC reactor | 2019 | WEFTEC 2019 - 92nd Annual Water Environment Federation's Technical Exhibition and Conference |
| 385 | Al-Obeidi R.A., Al-Numan A.H. | Study of low vitamin D among children with anorexia in Sulaymaniyah, Kurdistan region, Iraq during summer months | 2019 | Saudi Medical Journal |
| 386 | Saadi A.M., Ghanim, Hasan M. | The effect of nutrition and the seasons of the year on the composition of cow's milk in two different areas of the province of mosul | 2019 | Annals of Agri Bio Research |
| 387 | Albalaki F.M.M., Mohammed Z.F., Majeed R.J., Talab H.R. | Investigating the relationship between management accounting techniques and sustainability development in Iraqi tourism firms | 2019 | African Journal of Hospitality, Tourism and Leisure |
| 388 | Kandouh B.H., Hasan A.E., Abd-Al-Rasoul A.M., Sipes B.S. | Screening for susceptibility and tolerance to Meloidogyne incognita and M. Javanica in okra cultivars in Iraq | 2019 | Arab Journal of Plant Protection |
| 389 | Fahady S.S. | Impact of using a constructivism strategy to enhance EFL university students' writing skills [Impacto del uso de una estrategia de constructivismo para mejorar las habilidades de escritura de los estudiantes univer-sitarios de EFL] | 2019 | Opcion |
| 390 | Al-Badrany A.K.H. | Political engineering and its impact on the performance of wise leadership in reformation and change [Ingeniería política y su impacto en el desempeño del lideraz-go sabio en la reforma y el cambio] | 2019 | Opcion |
| 391 | Fahady S.S. | Impact of using a constructivism strategy to enhance EFL university students' writing skills | 2019 | Opcion |

| | | | | |
|-----|---|---|------|---|
| 392 | Ismaeel A.A., Khaleif K.S. | The interrelatedness between the content-based approach and efl university students' emotional intelligence [La interrelación entre el enfoque basado en el contenido y la inteligencia emocional de los estudiantes universitarios de efl] | 2019 | Opcion |
| 393 | Dahwi H.O. | Training the students of the department of mathematics to use thinking acceleration paradigm (CAME) to acquire skills of mathematical communication [Capacitación de los estudiantes del Departamento de Matemáticas para usar el paradigma de aceleración del pensamiento (CAME) para adquirir habilidades de comunicación matemática] | 2019 | Opcion |
| 394 | Al-Brifkani K.A.M.S. | Emotional balance and its relation with self - confidence for special education students department [Equilibrio emocional y su relación con la autoconfianza para el departamento de estudiantes de educación especial] | 2019 | Opcion |
| 395 | Dawood A.A., Altobje M.A.A. | Correlation between CXCL-motif-10 and IFN- γ on hemodialysis patients with HCV under treatment | 2019 | International Journal on Emerging Technologies |
| 396 | Alfaidhi A.A.M. | Right of merit in civil evidence - Comparative study [Derecho al mérito en la evidencia civil - Estudio comparativo] | 2019 | Opcion |
| 397 | Hassan O.K., Shareef A.M., Abdullh A.M., Sulyman S.A.A. | Biochemical observations in patients suffered from acute and chronic kidney diseases with reference to thyroxin | 2019 | Journal of Global Pharma Technology |
| 398 | Hassan B.A., Dahawi H.O., Younus A.S. | A new kind of parameter conjugate gradient for unconstrained optimization | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 399 | Fakhrulddin S.S., Gharghan S.K. | An autonomous wireless health monitoring system based on heartbeat and accelerometer sensors | 2019 | Journal of Sensor and Actuator Networks |

| | | | | |
|-----|--|--|------|---|
| 400 | Mahmood B., Younis Z., Hadeed W. | Analyzing iraqi social settings after isis: Individual interactions in social networks | 2019 | Journal of Social, Political, and Economic Studies |
| 401 | Al-Hamandi H.M., Al-Obaidi M.A., Aljumaily M.M. | A study on quantity and intensity of potassium in the alluvial soils in Baghdad | 2019 | Plant Archives |
| 402 | Khalel A.-M.S., Alhubaity A.-J., Suliman M.S. | Response of endivia (Cichorium endivia) plants to organic and chemical fertilization | 2019 | Plant Archives |
| 403 | Hassan B.A., Abdullah Z.M., Jabbar H.N. | A descent extension of the Dai - Yuan conjugate gradient technique | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 404 | Qasim A.F., Salim B.J. | Application new iterative method for solving modified korteweg-de vries (MKdV) system from three equations | 2019 | Journal of Advanced Research in Dynamical and Control Systems |
| 405 | Al-Layla A.M.H., Al-Flayeh K.A., Sulaiman S.T. | The validation of novel voltammetric study for direct determination of biogenic polyamines with hanging mercury dropping electrode | 2019 | Analytical and Bioanalytical Electrochemistry |
| 406 | Al-Attraqchi O.H.A., Attimarad M., Venugopala K.N., Nair A., Al-Attraqchi N.H.A. | Adenosine a2a receptor as a potential drug target-current status and future perspectives | 2019 | Current Pharmaceutical Design |
| 407 | Al-Irhayim M.N., Al-Mistawi K.E., Amen Said A.M. | Evaluation performance of disc plow with a notched disc | 2019 | Journal of Computational and Theoretical Nanoscience |
| 408 | Al-Rejaboo M.A., Jalaluldeen A.M. | Studying the Airborne Fungi of some rooms in the internal sections of Mosul university campus and the Possibility of using Sage plants to control it | 2019 | Journal of Advanced Pharmacy Education and Research |
| 409 | Mohammad D.A.E., Al-Jubouri S.H.K. | Comparative antimicrobial activity of silver nanoparticles synthesized by corynebacterium glutamicum and plant extracts | 2019 | Baghdad Science Journal |
| 410 | Suleiman A.Y., Pity I.S., Mohammed M.R., Hassawi B.A. | Histopathological patterns of ovarian lesions: A study of 161 cases | 2019 | Biocell |

| | | | | |
|-----|--|---|------|--|
| 411 | Alaa M., Albakri I.S.M.A., Singh C.K.S., Hammed H., Zaidan A.A., Zaidan B.B., Albahri O.S., Alsalem M.A., Salih M.M., Almahdi E.M., Baqer M.J., Jalood N.S., Nidhal S., Shareef A.H., Jasim A.N. | Assessment and Ranking Framework for the English Skills of Pre-Service Teachers Based on Fuzzy Delphi and TOPSIS Methods | 2019 | IEEE Access |
| 412 | Sundqvist J., Samarjy R.S.M. | High-speed imaging of droplet behaviour during the CYCLAM drop-deposition technique | 2019 | Procedia Manufacturing |
| 413 | Mohammed M.I., Rabeea M.A., Alnajjar Y.S. | Influence fasting on physiological and biochemical variables in the human body | 2019 | Malaysian Journal of Biochemistry and Molecular Biology |
| 414 | Al-Robaiee I., Sabah Z., Ahmed K., Salih S.A. | Diagnostic study of ovine gastrointestinal parasites in Kirkuk City, Iraq | 2019 | Advances in Animal and Veterinary Sciences |
| 415 | Al-Hassoon S.N.H., Al-Hayani A.S.J.Z., Al-Obaidi M.A.J. | Adsorption isotherm of lead on calcium carbonate | 2019 | Iraqi Journal of Agricultural Sciences |
| 416 | Abed A.M., Al-Zuhairi D.T., Quboa K., Gahl J.M., Islam N.E. | Poles isolation via ESPRIT for ultra-wide band breast cancer imaging | 2019 | Progress In Electromagnetics Research C |
| 417 | Hassan B.A. | A modified quasi-Newton methods for unconstrained optimization | 2019 | Italian Journal of Pure and Applied Mathematics |
| 418 | Jamiołkowska A., Thanoon A.H., Patkowska E., Grządziel J. | Impact of amf claroideoglossum etunicatum on the structure of fungal communities in the tomato rhizosphere | 2019 | Acta Mycologica |
| 419 | Al-Saffawi A.-A.Y.T. | Water quality of Nimrud District wells southeast of mosul city for drinking and civil purpose using the Canadian model of water quality | 2019 | Pakistan Journal of Analytical and Environmental Chemistry |
| 420 | Awad M.S., Abdullah M.K., Ibrahim R.H., Abdullah R.K. | Nursing students' attitudes toward simulation technology in nursing education | 2019 | International Journal of Emerging Technologies in Learning |

| | | | | |
|-----|--|--|------|--|
| 421 | Mohammed M., Gajos A. | The tests of CP and CPT symmetry using the J-PET detector | 2019 | Proceedings - 15th International Workshop on Meson Physics, MESON 2018 |
| 422 | Al-Khayyat M.Z. | Molecular targets to develop future antimicrobials | 2019 | Biotechnologia |
| 423 | Majeed M.M., Al-Khashab A.T. | Effect of vitamin E and selenium injection on semen quality and some blood parameters | 2019 | Iraqi Journal of Veterinary Sciences |
| 424 | Younis A.A., Hamed R.A., Abdulkareem I.H. | Angioleiomyoma as a rare cause of a painful subcutaneous nodule in the leg: a case report | 2019 | Reumatismo |
| 425 | Al-Ukidi T.M., Al-Badrany M.S. | Different methods for Laparoscopic Castration in dogs | 2019 | Iraqi Journal of Veterinary Sciences |
| 426 | Sultan K.H., Mohammed M.R. | Effect of body weight of ewes and milk yield in productive performance of lambs, milk yield and components of Awassi sheep | 2019 | Iraqi Journal of Veterinary Sciences |
| 427 | Kannekanti A., Al-khazraji S., Huenerfauth M. | Design and Evaluation of a User-Interface for Authoring Sentences of American Sign Language Animation | 2019 | Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) |
| 428 | Al-Dabagh A.M.S., Omar K.A., Abdulla Z.H. | Effect of planting dates and spraying of hortiphyte liquid and stymulantforte extract in growth and yield of cucumber under plastic house conditions | 2019 | International Journal of Agricultural and Statistical Sciences |
| 429 | Al-Obeidi A.S., Al-Azzawi S.F. | Projective synchronization for a class of 6-D hyperchaotic lorenz system | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 430 | Ali F.M., Hadi H.A. | Improving of phenomenological formula for nuclear energy decay ($Q\alpha$ -value) of heavy and super heavy nuclei | 2019 | International Journal of Nuclear Energy Science and Technology |
| 431 | Khader A.A.-H., Abdul-Jabbar J.M., Hagem R.M., Mainuddin, Beg M.T. | A novel hierarchical fuzzy systems based cooperative spectrum sensing and opportunistic spectrum access techniques | 2019 | International Journal of Computing and Digital Systems |
| 432 | Al-Lwayzy S.H., Yusaf T., Saleh K., Yousif B. | The influence of emulsified water fuel containing fresh water microalgae on diesel engine performance, combustion, vibration and emission | 2019 | Energies |

| | | | | |
|-----|---|--|------|--|
| 433 | Aziz I.T., Jin H., Abdulqadder I.H., Alturfi S.M., Alobaidi W.H., Flaih F.M.F. | T2S2G: A novel two-tier secure smart grid architecture to protect network measurements | 2019 | Energies |
| 434 | AlDabbagh A., Di Fatta G., Liotta A. | The Distributed p-Median Problem in Computer Networks | 2019 | Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) |
| 435 | Al-Jameel W., Gou X., Jin X., Zhang J., Wei Q., Ai J., Li H., Al-Bayati A., Platt-Higgins A., Pettitt A., Rudland P.S., Ke Y. | Inactivated FABP5 suppresses malignant progression of prostate cancer cells by inhibiting the activation of nuclear fatty acid receptor PPAR γ | 2019 | Genes and Cancer |
| 436 | Hashim A.K., Najam L.A., Ashour N.I., Mohammed E.J. | Uranium concentration, effective radium content and radon exhalation rate estimation for different tea brand samples in Iraqi market | 2019 | Plant Archives |
| 437 | Almahdawi Mozhir K.K., Al-Shimmery A.S.K. | Effect of dosage of folic acid and cobalt on live body weight and body dimensions of Awassi sheep | 2019 | Plant Archives |
| 438 | Aljalely A., Alsammak M. | Cognitive transformation reflections based on the supply chain management and 5s requirements (an analytical descriptive study of a sample of workers in Zaki / Iraq factory in the province of Dohuk) | 2019 | International Journal of Supply Chain Management |
| 439 | Mustafa F.A., Bayat O. | Water surface area detection using remote sensing temporal data processed using MATLAB | 2019 | International Journal of Electrical Engineering Education |
| 440 | Dawwd S. | GLCM based parallel texture segmentation using a multicore processor | 2019 | International Arab Journal of Information Technology |
| 441 | Mahmood Alabed E.A., Engel M., Yamauchi Y., Hossain M.S.A., Ooi L. | DC and AC magnetic fields increase neurite outgrowth of SH-SY5Y neuroblastoma cells with and without retinoic acid | 2019 | RSC Advances |

| | | | | |
|-----|--|--|------|---|
| 442 | Dhahir H.S., Talb A.-O.Q., Asim M.H. | Preliminary study of seroprevalence of border disease virus (BDV) among sheep and goats in Mosul City, Iraq | 2019 | Advances in Animal and Veterinary Sciences |
| 443 | Fathee H.N., Ucan O.N., Abdul-Jabbar J.M., Bayat O. | Efficient Unconstrained Iris Recognition System Based on CCT-Like Mask Filter Bank | 2019 | Mathematical Problems in Engineering |
| 444 | Al-Araji Z.J., Syed Ahmad S.S., Al-Salihi M.W., Al-Lamy H.A., Ahmed M., Raad W., Md Yunus N. | Network traffic classification for attack detection using big data tools: A review | 2019 | Lecture Notes in Networks and Systems |
| 445 | Towfeq E.M. | Effect of the treatment with acetic and lactic acid on some of the productive characteristics in strain quail | 2019 | Plant Archives |
| 446 | AL-Bayati H.J.M., Ibraheem F.F.R., Allela W.B.A.M., AL-Taey D.K.A. | Role of organic and chemical fertilizer on growth and yield of two cultivars of pea (pisum sativum l.) | 2019 | Plant Archives |
| 447 | Algamal Z.Y. | Variable selection in count data regression model based on firefly algorithm | 2019 | Statistics, Optimization and Information Computing |
| 448 | Al-Mukhtar S.H. | Risk factors for breast cancer among women in the Mosul City/ Iraq: A case-control study | 2019 | Pakistan Journal of Medical and Health Sciences |
| 449 | Ibrahim R.H., Salih H.S., Al Mukhtar S.H. | Seroprevalence Rubella Antibodies among young females and women of Reproductive age group and pregnant women in Mosul City, Iraq | 2019 | Pakistan Journal of Medical and Health Sciences |
| 450 | Moh A.N.A., Ali B.B.M., Abualkishik A.Z., Abdullah R.M., Alwan A.A. | Algorithm for enhancing the QoS of video traffic over wireless mesh networks | 2019 | International Journal of Advanced Computer Science and Applications |
| 451 | Hamed E.T., Ahmed H.I., Al-Bayati A.Y. | A new hybrid algorithm for convex nonlinear unconstrained optimization | 2019 | Journal of Applied Mathematics |
| 452 | Al-Mallah K.H., Hussien M.M. | Monitoring of pathological lesions in non-gravid ovine uterus | 2019 | Slovenian Veterinary Research |
| 453 | Al-Hassoon S.N.H., Al-Hayani A.S.J.Z., Al-Obaidi M.A.J. | Copper adsorption in two different soil texture | 2019 | Iraqi Journal of Agricultural Sciences |

| | | | | |
|-----|---|---|------|--|
| 454 | Almalah A.R.S. | Studying the variation between wood tension and compression at different stem lengths and diameter levels in physical properties of Melia Azedarach L. and Pinus Brutia ten. leaning stems | 2019 | Iraqi Journal of Agricultural Sciences |
| 455 | Mousa Y.J., Al-Zubaidy M.H.I. | Anesthetic efficacy of ketamine, ketamine-tramadol and ketamine-ketorolac in chicks | 2019 | Iranian Journal of Veterinary Research |
| 456 | Hogg M.C., Raoof R., Naggar H.E., Monsefi N., Delanty N., O'Brien D.F., Bauer S., Rosenow F., Henshall D.C., Prehn J.H.M. | Elevation of plasma tRNA fragments precedes seizures in human epilepsy | 2019 | Journal of Clinical Investigation |
| 457 | Qasim M.K. | Modified nanostructure MgO superbasicity with CaO in heterogeneous transesterification of sunflower oil | 2019 | Egyptian Journal of Chemistry |
| 458 | Sulaiman B.M., Ismail T.H. | On Tri- α -Open Sets in Fuzzifying Tritopological Spaces | 2019 | Advances in Fuzzy Systems |
| 459 | Abd-Esmaeel S., Albadrani B.A. | Mycoplasma wenyonii: A causative agent of new mastitis in dairy cows | 2019 | Advances in Animal and Veterinary Sciences |
| 460 | Najim S.A., Jamil N.Y., Muhammed K.M. | Effect of Au dopant on the structural and optical properties of ZnO thin films prepared by CVD | 2019 | Journal of Nano- and Electronic Physics |
| 461 | Hameed R.T. | Synthesis of trehalose 4',6'-diesters and 2,3,2',3'-tetra esters | 2019 | International Journal of Pharmaceutical Research |
| 462 | Hanan S.N. | The inhibitory efficiency of flavonoid extract of black mustard seeds (Brassica nigra) and cold aqueous extract of euphorbia prostrata L. on growth of staphylococcus aureus invitro and invivo | 2019 | International Journal of Pharmaceutical Research |
| 463 | Aladwani A., Erdogan E., Gucluoglu T. | Impact of co-channel interference on two-way relaying networks with maximal ratio transmission | 2019 | Electronics (Switzerland) |

| | | | | |
|-----|--|---|------|--|
| 464 | Al-Abedeer Al-Ozeer A.Z., Fakhraldeen Ahmed M. | Groundwater assessment at east side of mosul city during 2014- 2017 | 2019 | Scientific Review Engineering and Environmental Sciences |
| 465 | Al-Khayyat M.Z. | In silico homology modeling and docking studies of RecA from Campylobacter jejuni | 2019 | International Journal Bioautomation |
| 466 | Younus Z.S., Hussain M.K. | Image steganography using exploiting modification direction for compressed encrypted data | 2019 | Journal of King Saud University - Computer and Information Sciences |
| 467 | Bedewy R.B., Rahawy M.A. | Comparative study for detection of subclinical endometritis in local cows | 2019 | Advances in Animal and Veterinary Sciences |
| 468 | Al-Layla N.M.T., Altamer D.H., Sedeeq S.H. | Biodiesel production from wild mustard (Brassica juncea L.) seed oil through co-solvent method at room temperature | 2019 | International Journal of Innovative Technology and Exploring Engineering |
| 469 | AL-Allaf A.F., Jabbar A.I.A. | Red with reconfigurable maximum dropping probability | 2019 | International Journal of Computing and Digital Systems |
| 470 | Qasim A.F., Hamed A.A. | Treating Transcendental Functions in Partial Differential Equations Using the Variational Iteration Method with Bernstein Polynomials | 2019 | International Journal of Mathematics and Mathematical Sciences |
| 471 | Jarvis J.A., Concistre M., Haies I.M., Bounds R.W., Kuprova I., Carravetta M., Williamson P.T.F. | Quantitative analysis of ¹⁴ N quadrupolar coupling using ¹ H detected ¹⁴ N solid-state NMR | 2019 | Physical Chemistry Chemical Physics |
| 472 | Alabady S.A., Salleh M.F.M. | Wireless Network Coding for Multi Radio Multi Channel Mesh Networks | 2019 | Wireless Personal Communications |

| | | | | |
|-----|--|---|------|---|
| 473 | Moskal P., Kisielewska D., Curceanu C., Czerwiński E., Dulski K., Gajos A., Gorgol M., Hiesmayr B., Jasińska B., Kacprzak K., Kapłon L., Korcyl G., Kowalski P., Krzemień W., Kozik T., Kubicz E., Mohammed M., Niedźwiecki S., Pałka M., Pawlik- Niedźwiecka M., Raczyński L., Raj J., Sharma S., Shivani, Shopa R.Y., Silarski M., Skurzok M., Stępień E., Wiślicki W., Zgardzińska B. | Feasibility study of the positronium imaging with the J- PET tomograph | 2019 | Physics in Medicine and Biology |
| 474 | Chen C., Yousif S.T., Najem R.M., Abavisani A., Pham B.T., Wakil K., Mohamad E.T., Khorami M. | Optimum cost design of frames using genetic algorithms | 2019 | Steel and Composite Structures |
| 475 | Dhahir R.K., Al-Kotaji M.Y.A.S.A.R. | Formulation of orally disintegrating tablets of cinnarizine by using direct compression method | 2019 | International Journal of Applied Pharmaceutics |
| 476 | El-Taher A., Najam L.A., Hussian I., Omer M.A.A. | Evaluation of natural radionuclide content in Nile river sediments and excess lifetime cancer risk associated with gamma radiation | 2019 | Iranian Journal of Medical Physics |
| 477 | Khudher A.A. | Sip aspects of ipv6 transitions: Current issues and future directions | 2019 | Journal of Engineering Science and Technology |
| 478 | Hamoo R.N., Al- Rubaye F.S., Mustafa N.G. | Molecular characterization and phylogenetic analysis of fasciola gigantica in Iraqi Sheep using ITS1 | 2019 | Advances in Animal and Veterinary Sciences |

| | | | | |
|-----|---|---|------|---|
| 479 | Alazzo A., Al-Natour M.A., Spriggs K., Stolnik S., Ghaemmaghami A., Kim D.-H., Alexander C. | Investigating the intracellular effects of hyperbranched polycation-DNA complexes on lung cancer cells using LC-MS-based metabolite profiling | 2019 | Molecular Omics |
| 480 | Salih N.A., Al-Baggou B.K. | The effect of memantine hydrochloride on cisplatin-induced toxicity with reference to hepatic and haematological alterations in mice | 2019 | Latin American Journal of Pharmacy |
| 481 | Ibrahim A., Hiripitiyage Y., Peltier E.F., Sturm B.S.M. | Investigation of the response mechanisms of halophilic and mixed culture aerobic granular sludge under hypersaline conditions | 2019 | 91st Annual Water Environment Federation Technical Exhibition and Conference, WEFTEC 2018 |
| 482 | Mustafa N.G. | Biochemical trails associated with different doses of alpha-monolaurin in chicks | 2019 | Advances in Animal and Veterinary Sciences |
| 483 | Abdulla A.A., Junginger S., Gu X., Stoll N., Thurow K. | Multiple mobile robot management system for transportation tasks in automated laboratories environment | 2019 | Advances in Intelligent Systems and Computing |
| 484 | Al Hamada A., Habib I., Barnes A., Robertson I. | Risk factors associated with seropositivity to Toxoplasma among sheep and goats in Northern Iraq | 2019 | Veterinary Parasitology: Regional Studies and Reports |
| 485 | Abbas H.J., Jweeg M.J., Al-Waily M., Diwan A.A. | Experimental testing and theoretical prediction of fiber optical cable for fault detection and identification | 2019 | Journal of Engineering and Applied Sciences |
| 486 | Albadrani B.A., Al-Iraqi O.M. | First detection of equine anaplasmosis and hemoplasmosis of horses in Mosul City, Iraq | 2019 | Advances in Animal and Veterinary Sciences |
| 487 | Kahya M.A. | Classification enhancement of breast cancer histopathological image using penalized logistic regression | 2019 | Indonesian Journal of Electrical Engineering and Computer Science |
| 488 | Saleh D.N., Algwari Q.Th., Amoori F.Kh. | Numerical Simulation of the Trichel-Pulse in SF6 at Atmospheric Pressure | 2019 | IEEE Transactions on Plasma Science |
| 489 | Edan N.M., Al-Sherbaz A., Turner S. | Performance evaluation of resources management in WebRTC for a scalable communication | 2019 | Advances in Intelligent Systems and Computing |

| | | | | |
|-----|---|--|------|---|
| 490 | Edan N.M., Al-Sherbaz A., Turner S. | WebNSM: A novel scalable WebRTC signalling mechanism for one-to-many Bi-directional video conferencing | 2019 | Advances in Intelligent Systems and Computing |
| 491 | Concistré M., Kuprov I., Haies I.M., Williamson P.T., Carravetta M. | 14N overtone NMR under MAS: Signal enhancement using cross-polarization methods | 2019 | Journal of Magnetic Resonance |
| 492 | Al-Sabaawi M.Y.M., Dahlan H.M. | Social media for informal learning usage in Malaysia: Barriers and benefits | 2019 | Advances in Intelligent Systems and Computing |
| 493 | Alabady S.A., Salleh M.F.M., Al-Turjman F. | A novel approach of error detection and correction for efficient energy in wireless networks | 2019 | Multimedia Tools and Applications |
| 494 | Alawad M., Bai Y., DeMara R.F., Lin M. | Robust and large-scale convolution through stochastic-based processing without multipliers | 2019 | IEEE Transactions on Emerging Topics in Computing |
| 495 | Alawad M., Lin M. | Survey of stochastic-based computation paradigms | 2019 | IEEE Transactions on Emerging Topics in Computing |
| 496 | Salhi A., Alsoufi G., Yang X. | An evolutionary approach to a combined mixed integer programming model of seaside operations as arise in container ports | 2019 | Annals of Operations Research |