

وزارة التعليم العالي والبحث العلمي
جامعة الكرخ للعلوم

اسم الجامعة	المجلد والعدد ورقم الصفحة	إسم المجلة	إسم البحث	إسم الباحث باللغة الانكليزية	إسم الباحث	ت
Universiti Teknologi Malaysia	1657(1), pp.1-5	AIP Conference Proceedings	Independent Component Analysis of EEG Dipole Source Localization in Resting and Action State of Brain	Ahmed Almurshedi	أحمد فاضل حسوني	1
Universiti Teknologi Malaysia	978-1-4799-6879-4/15,	International Conference on BioSignal Analysis, Processing and Systems (ICBAPS)	Measure Projection Analysis of VEP Localization Neuron Generator	Ahmed Almurshedi	أحمد فاضل حسوني	2
Universiti Teknologi Malaysia	6(1), pp.187-197	Translational neuroscience	Puzzle task ERP response: time-frequency and source localization analysis	Ahmed Almurshedi	أحمد فاضل حسوني	3
Universiti Teknologi Malaysia	9(2), pp.106-112	Research Journal of Applied Sciences, Engineering and Technology	Signal Refinement: Principal Component Analysis and Wavelet Transform of Visual Evoked Response	Ahmed Almurshedi	أحمد فاضل حسوني	4

,College of Science University of Baghdad	-pp.27 ,(1)5 32	American Journal of Scientific and Industrial Research	Comparison Between Beta and Gamma Irradiation on Optical Energy Gap of Crystal Violet Doped Polystyrene Films	Thamir A. A. Hassan	ثامر عبدالامير حسن	5
,College of Science University of Baghdad	,(23)12 pp.73-79	Iraqi Journal of Physics	Enhancement of gas response of annealed ZnO film for hydrogen gas detection	Thamir A. A. Hassan	ثامر عبدالامير حسن	6
,Physics Department ,Collage of science University of Baghdad,Iraq	,(6)14 pp.4004-4008	International Journal of Current Engineering and Technology	Fabrication of PANI byElectropolymerization Method on SnO2 Conductive Glass as Counter Electrode for Dye sensitive Solar Cell	Thamir A. A. Hassan	ثامر عبدالامير حسن	7
Al-Karkh University of Science	2(4), pp.22- 27	International Journal of Engineering Research & Science IJOE	Hydrothermal growth of nanostructured Zinc oxide	Thamir A. A. Hassan	ثامر عبدالامير حسن	8
Al-Karkh University of Science	1(1)	Nanomedicine & Nanotechnology Open Access/ Medwin publishers	Development of Nanosensors in Nuclear Waste Water	Thamir A. A. Hassan	ثامر عبدالامير حسن	9
Al-Karkh University of Science		Energy Procedia	Polyaniline- silver composites prepared by oxidation compared with polyaniline-carbon nanotube composites prepared by electrooxidation for Hydrogen	Thamir A. A. Hassan	ثامر عبدالامير حسن	10

Sebha University	pp. 1-9 ,(2)2	International Journal of Research Studies in Biosciences	A Case Study of the Total and Available Phosphorus Concentration in Libyan Agricultural Soils in Different Depth and Seasons in Long-term Chemical and Animal Manure Fertilization	Latif A. Al-Ethawi	لطيف عبدالله حمد	11
Al-Karkh University of Science	14(6), pp.1725-1728	Journal of Engineering and Applied Sciences	An Uncertainty Investigations for Measurements of Telecommunication Equipment Signals	Ahmed Sabri Ghazi Behadili	احمد صبري غازي	12
Al-Karkh University of Science	15(2), pp.2502-4752	Indonesian Journal of Electrical Engineering and Computer Science	Prospects of Using the UFMC Technology in 5G / IMT-2020 Networks	Ahmed Sabri Ghazi Behadili	احمد صبري غازي	13
USTO university	18, pp.35-41	Journal of Interdisciplinary Mathematics	Two Numerical Methods for Solving the Fractional Thomas-Fermi Equation	Ahmed A. Anber	احمد عبد عنبر	14
University of Wasit, Wasit	12(2), pp.15-19	Iraqi Journal of Applied Physics	Microhardness of nanostructured SixN1-x thin films prepared by reactive magnetron sputtering	Ahmed A. Anber	احمد عبد عنبر	15
University of Wasit, Wasit	25(5), pp.91-94	Journal of Industrial Engineering and Sciences	Highly-Pure Nanostructured Silicon Nitride Films Prepared by Reactive DC Magnetron Sputtering	Ahmed A. Anber	احمد عبد عنبر	16

University of Wasit	4(1), pp.1-12	Open Access Library Journal	Study the Addition of Lab-Made Gas Mixing Unit with Varying of Inter-Electrode Distances on the Characterization of DC Magnetron Sputtering System	Ahmed A. Anber	احمد عبد عنبر	17
University of Wasit	231(4), pp.173-178	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials.	Fabrication of nanostructured silicon nitride thin film gas sensors by reactive direct current magnetron sputtering	Ahmed A. Anber	احمد عبد عنبر	18
University of Wasit	11(1)	COMMUNICATIONS	Fractional Composition of Silicon Nitride Nanostructures Prepared by Reactive DC Magnetron Sputtering Technique: Spectroscopic Study	Ahmed A. Anber	احمد عبد عنبر	19
University of Wasit	5(7), pp.1-7	Open Access Library Journal	Synthesis of ZnO Nanoparticles by Using an Atmospheric-Pressure Plasma Jet	Ahmed A. Anber	احمد عبد عنبر	20
University of Wasit	1032(1)	:Journal of Physics Conference Series	Preparation of Nanoparticles Copper Oxide using an Atmospheric-Pressure Plasma Jet	Ahmed A. Anber	احمد عبد عنبر	21
University of Wasit	10(3), pp.821-824	Silicon	Preparation of Nanostructured $\text{Si}_x\text{N}_{1-x}$ Thin Films by DC Reactive Magnetron Sputtering for Tribology Applications	Ahmed A. Anber	احمد عبد عنبر	22

لا يوجد	12(6), pp.809-813	Journal of Bionanoscience	Fabrication of Nanostructured Silver Liquid by Atmospheric-Pressure Plasma Jet for Bacteriological Applications	Ahmed A. Anber	احمد عبد عنبر	23
Oran University of Sciences and Technology	40(6), pp.1307- 1315	Journal of Information and Optimization Sciences	Speech movements on vocal tract: Fractional nonlinear dynamics	Ahmed A. Anber	احمد عبد عنبر	24
Al-Nahrain University	,(2) 17 pp.46-22	Journal of Al-Nahrain University Science	Schiff Base liquid Crystals with Terminal Alkoxy Group Synthesis and Thermotropic Properties	Ahmed Askar Al Ahmed	احمد عسكر	25
Al-Mustansiriyah University	7(5), p.2347	Research Journal of Pharmaceutical ,Biological and Chemical Sciences	Synthesis and optical properties characterization of poly(vinyl chloride) modified by various alcohol.	Ahmed Askar Al Ahmed	احمد عسكر	26
Al-Karkh University of Science	14(1), pp.31- 46	Iraqi Bulletin of Geology and Mining	Basin Modeling Of The Potential Sourced Sargelu Formation Within Zagros Fold Belt, North Iraq	Ahmed Askar Al Ahmed	احمد عسكر	27
Al-Karkh University of Science	19 (4), pp.48-65	Journal of Al-Nahrain University	Geochemical Characteristics and Modeling of Conventional Petroleum System of Majnoon Oil Field, South Iraq.	Ahmed Askar Al Ahmed	احمد عسكر	28

Al-Karkh University of Science	78, pp.547-561	Marine and Petroleum Geology	Origin of crude oils from oilfields in the Zagros Fold Belt, southern Iraq: Relation to organic matter input and paleoenvironmental conditions	Ahmed Askar Al Ahmed	احمد عسكر	29
Al-Nahrain University	19(3), pp.28-33	Journal of Al-Nahrain University	Synthesis and Characterization of New Heterocyclic Schiff's Bases from Methyl 4-Hydroxybenzoate	Ahmed Askar Al Ahmed	احمد عسكر	30
Al-Nahrain University	9(391)	Arab J Geosci	Geochemical correlation of oil and source rocks from selected Exploratory wells within Northern Mesopotamian basin	Ahmed Askar Al Ahmed	احمد عسكر	31
Al-Nahrain University	5(5), pp.293-299	Journal of Science	Synthesis, Characterization, And Antibacterial Activity Of New Schiff's Bases With 1, 2, 4-Triazole Moiety	Ahmed Askar Al Ahmed	احمد عسكر نجف	32
Al-Karkh University of Science	27(4)	Egyptian Journal of Petroleum	Thermal modeling and hydrocarbon generation of the Late Jurassic-Early	Ahmed Askar Al Ahmed	احمد عسكر نجف	33
Al-Karkh University of Science	14(1):31-46	Geosurvey	Basin modeling of the potential sourced Sargelu Formation within Zagros Fold Belt, North Iraq.	Ahmed Askar Al Ahmed	احمد عسكر نجف	34

Al-Karkh University of Science		Journal of Petroleum Science and Engineering	Thermal modeling and hydrocarbon generation of the Late Jurassic-Early Cretaceous Chia Gara Formation in Iraqi Kurdistan region, northern Zagros Fold Belt	Ahmed Askar Al Ahmed	احمد عسكر نجف	35
Al-Karkh University of Science	27(1):117-130	Egyptian Journal of Petroleum	Organic geochemistry characterisation of crude oils from Mishrif reservoir rocks in the southern Mesopotamian Basin, South Iraq: Implication for source input and paleoenvironmental	Ahmed Askar Al Ahmed	احمد عسكر نجف	36
Al-Karkh University of Science		Journal of Petroleum Science and Engineering	Generation and expulsion history of oil-source rock (Middle Jurassic Sargelu Formation) in the Kurdistan of north Iraq, Zagros folded belt: Implications from 1D basin modeling study	Ahmed Askar Al Ahmed	احمد عسكر نجف	37
Al-Karkh University of Science	184	Journal of Petroleum Science and Engineering	Organic geochemistry of oil seeps from the Abu-Jir Fault Zone in the Al-Anbar Governorate, western Iraq: Implications for early-mature sulfur - rich source rock	Ahmed Askar Al Ahmed	احمد عسكر نجف	38
Al-Karkh University of Science	184	Journal of Petroleum Science and Engineering	Organic geochemistry of oil seeps from the Abu-Jir Fault Zone in the Al-Anbar Governorate, western Iraq: Implications for early-mature sulfur - rich source rock	Ahmed Askar Al Ahmed	احمد عسكر نجف	39
University of Baghdad	,7 pp.317-322	Infection and Drug Resistance	Virulence and antimicrobial resistance of Escherichia coli isolated from Tigris River and children diarrhea	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	40

University of Baghdad	,(2)11 pp.795- 802	Baghdad Sciences Journal	Study the inhibitory effect of Rose and Blossom bitter orange flowers against different types of bacteria isolated from the oral cavity	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	41
University of Baghdad	.pp ,7 322—317	Infection and Drug resistance	Virulence and antimicrobial resistance of Escherichia coli isolated from Tigris river .and children diarrhea	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	42
University of Baghdad	,(2)12 pp.131- 135	Scientific Journal of Karbala University	Effect of Virulen Factor on Hydrophobicity cell wall of Saphylococcus and it's Attached on Meat	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	43
Baghdad University	7(4), pp.815-823	Journal of Chemical and Pharmaceutical Research	Studies on the interaction and effect of Mn(II),Fe(II),Co(II),Zn(II) and Cd(II)mixed-ligand complexes of cephalixin mono hydrate and furan-2-carboxylic acid to different DNA	Israa Aj Ibrahim	سراء عبد الجبار ابراهيم	44
Ibn Al-Haitham		Al-Mustansiriyah J. Science	Plasmid Profile Study of Lactose Fermenters Enterobacteriaceae Isolated from Environmental and Clinical Samples.	Israa Aj Ibrahim	سراء عبد الجبار ابراهيم	45
University of Baghdad	7(9), pp.645-652	Journal of Chemical and Pharmaceutical Research	Activity of Some Medical Plant Extracts with Al ₂ O ₃ Nanoparticles Binding on Vitality of Bacteria and their Genomes.	Israa Aj Ibrahim	سراء عبد الجبار ابراهيم	46

University of Baghdad	14(1), pp.85-92	Iraqi Journal of Biotechnology	Detection of E. coli and Rotavirus in Diarrhea among Children Under Five Years Old	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	47
University of Baghdad	4(11), pp.48-57	Diyala Journal For Pure Science	Pathogenicity Study of a Number of Gram-Negative Bacilli Isolated from Clinical Samples	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	48
University of Baghdad,	5(4), pp.169-177	Open Journal of Medical Microbiology	Isolation, Characterization and Antimicrobial Resistance Patterns of Lactose-Fermenter Enterobacteriaceae Isolates from Clinical and Environmental Samples	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	49
University of Baghdad,	7(4), pp.815-823	Journal of Chemical and Pharmaceutical Research	Studies on the interaction and effect of Mn(II), Fe(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) mixed- ligand complexes of cephalixin mono hydrate and furan-2-carboxylic acid to different	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	50
Ibn -Al-Haithem		Trigonella foenum-graecum L. <i>Olea europea Eucalyptus incrassate</i>	Plasmids cuing for some bacterial isolate by using medical plant extract (Trigonella foenum-graecum L. Olea europea Eucalyptus incrassate)	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	51
University of Baghdad	27(3), pp.13-16	Al-Mustansiriyah Journal of Science	16S rRNA Gene Sequencing for Identification of Some Enterobacteriaceae Species Isolated from Tigris River	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	52

جامعة بغداد	27(2), pp.45-49	Al-Mustansiriyah Journal of Science	Plasmid Profile of Lactose Fermenters Enterobacteriaceas Isolated from Environmental and Clinical Samples	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	53
مؤتمر		المؤتمر العلمي النسوي الثالث	Plasmid cuing for some bacterial isolate by using medical plant extract (Trigonella foenum-graecum L. Olea eurepea Eucalyptus incrassate)	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	54
Ibn -Al-Haithem	7(5), pp.1576-1580	J. Mater. Environ. Sci.	Study the Effect of Some Chemicals Used Locally in Agricultural Processes in Iraq on the DNAof some non-targeted Organi	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	55
Al-Karkh University of Science	58(2c), pp.971-983	Iraqi Journal of Science	Study the Effect of some Medical Plants in Biofilm Formation and Antibiotic Sensitivity for Klebsiella Pneumoniae	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	56
Ibn Al-Haitham	14(1), 126-134	Baghdad Science Journal	The Relation between Bacterial and Heavy Metal Water Pollution and Blood Micronuclei as Biomarkers in the Tigris River Fish	Israa Aj Ibrahim, Asmaa S. Ibrahim	اسراء عبد الجبار ابراهيم	57
Al-Karkh University of Science	23(3), pp.33-37	Tikrit Journal of Pure Science	Bacterial Content in Gut For Different Species of Fish Collecting From Tigris River in Baghdad City, Iraq	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	58

Al-Karkh University of Science	23(4), pp.22-26	Tikrit Journal of Pure Science	Extraction and purification of klebocin from urine isolate Klebsiella pneumonia (k42)	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	59
Al-Karkh University of Science	23(5), pp.1-6	مجلة تكريت للعلوم الصرفة	التحليل البكتيري للجلد والغلاصم لأنواع مختلفة من الاسماك	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	60
Al-Karkh University of Science	60(12), pp.2618-2628	Iraqi Journal of Science	Phylogenetic tree analysis based on the 16S sequence alignment for Klebsiella spp. isolated from different sources	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	61
لا يوجد	27(2), pp.1513-1527	Arab Universities Journal of Agricultural Sciences	Effect of Grinding and Particle Size on Some Physical and Rheological Properties of Chitosan	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم	62
Al-Karkh University of Science	14(4), pp.531-535	Pak. J. Biotechnol. Vol	Comparison of Biofilm Formation by Different Species of Klebsiella	Israa Aj Ibrahim	اسراء عبد الجبار ابراهيم، اسماء سامي ابراهيم	63
ابن الهيثم	3(3), pp.353-359	مجلة العلوم الحديثة والتراثية	The study of behavioral changes in Barbus grypus (Heckel, 1843) Fish exposure to Diazinon and Sumicidin insecticides	Asmaa S. Ibrahim	اسماء سامي ابراهيم	64

Ibn -Al-Haithem	29(2), pp.292-303	Ibn AL-Haitham Journal For Pure and Applied Science	The Study of Chromosomal Structure in <i>Mystus pelusius</i> (Solander in Russell, 1794) Fish	Asmaa S. Ibrahim	اسماء سامي ابراهيم	65
Ibn -Al-Haithem	4(1), pp.256- 268	4 th International Scientific Conference of Genetic and Environment / Cairo , Egypt	دراسة التمايز الجنسي المظهري في سمكة الشلك (Heckel,1843) <i>Aspius vorax</i> (Cypriniformes: Cyprinidae)	Asmaa S. Ibrahim	اسماء سامي ابراهيم	66
كلية التربية للعلوم الصرفة (ابن الهيثم)		وقائع مؤتمر الوراثة و البيئة العلمي الدولي الرابع- القاهرة / جمهورية مصر العربية	دراسة التمايز الجنسي المظهري لسمكة <i>Aspius</i> vorax الشلك	Asmaa S. Ibrahim	اسماء سامي ابراهيم	67
Ibn -Al-Haithem	8(3), pp.27137- 27140	International Journal of Current Research	Study of The Effect of Adding Ginseng Plant Roots To Feed Small Common Carp <i>Cyprinus carpio</i> L	Asmaa S. Ibrahim	اسماء سامي ابراهيم	68
ابن الهيثم		وقائع المؤتمر الدولي الثاني لمؤسسة النبلاء الإنسانية) مؤتمر التنمية المستدامة للبيئة والزراعة) / القاهرة - جمهورية مصر العربية	استخدام الكبد والامعاء كمصادر جديدة للتحضيرات الكروموسومية في سمكة <i>Barbus luteus</i> الحمري	Asmaa S. Ibrahim	اسماء سامي ابراهيم	69
مؤتمر	pp.9-13	The 2nd international scientific conference of sustainable development of environment and	Use of liver and intestines as a new sources of chromosomal preparations in <i>Barbus luteus</i> fish (Heckel , 1843)	Asmaa S. Ibrahim	اسماء سامي ابراهيم	70

Al-Karkh University of Science	79(2), pp.91-92	Human Immunology	Cytokine gene polymorphisms in Iraqi Arabs	Asmaa S. Ibrahim	اسماء سامي ابراهيم	71
لا يوجد	pp. 41 - 52	The 5th international conference of genetic and environment, وقائع المؤتمر العلمي الدولي الخامس لجمعية صيانة المصادر	Study the sex determination system in <i>Mystus pelusius</i> fish by G – banding technique	Asmaa S. Ibrahim	اسماء سامي ابراهيم	72
Al-Karkh University of Science	15(52), pp.192-198	International Journal	Geochemical study of the Tigris river sediments in the surrounding area of Baghdad medical city	Amani Loay Mohammed Salih	اماني لؤي محمود	73
Baghdad University	-pp.22 ,(3)331	International Journal of Applied or Innovation in Engineering and Management	Electrical Conductivity of Untreated Multi Walled Carbon Nanotubes Composites	Ameer Badran Hmood	امير بدران حمود	74
لا يوجد		International Journal of Applied or Innovation in Engineering and Management	Concentration Effect of MWCNTs on Mechanical Properties of epoxies Composites	Ameer Badran Hmood	امير بدران حمود	75
Al-Karkh University of Science	7(5), p. 2347- 2355	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Study on Optical Properties of PVC-2,5di (2-Pyrrole hydrazone) 1,3,4-thiadiazole Complexes	Ameer Badran Hmood	امير بدران حمود	76

Al-Karkh University of Science	pp.975-8585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Study on Optical Properties of PVC-2,5di (2-Pyrrole hydrazone) 1,3,4-thiadiazole Complexes	Ameer Badran	امير بدران محمود	77
Al-Karkh University of Science	13(19), pp.7990-7996	Journal of Engineering and Applied Sciences	Fingervein recognition system using fuzzy score level fusion and corner detection	Entessar karim hanoun	انتصار كريم حنون	78
Green Al-Kasim University	-pp.32 ,(1)236	Journal of Remote Sensing and GIS	Developing Land Suitability maps for Some Crops in Abu-Ghraib Using Remote Sensing and GIS	Aurass Muhi Taha al Waeli	اوراس محي طه	79
جامعة القاسم الخضراء	-pp.298 ,(1)6310	Euphrates Journal of Agriculture Science	Nitrate , Ammonium and Soil Available Nitrogen Distribution Mapping From Remote Sensing Data	Aurass Muhi Taha al Waeli	اوراس محي طه	80
جامعة القاسم الخضراء	-pp.67 ,(2)481	AL-Qadisiya Journal For Agriculture Sciences	The Diagnosis of Saline Degradation of chemical Properties of Sodic and Non sodic Soil and Remote Sensing Data	Aurass Muhi Taha al Waeli	اوراس محي طه	81
جامعة القاسم الخضراء	7(4), pp.173-183	مجلة الفرات للعلوم الزراعية	اعداد خرائط لمؤشرات التدهور الكيميائي في التربة باستخدام التنبؤ المكاني الاعتيادي	rass Muhi Taha al Wa	اوراس محي طه	82

جامعة القاسم الخضراء	8(4), pp.195-206	Euphrates Journal of Agriculture Science	Soil Chemical Degradation Some Indicators Mapping By Remote Sensing Data	Aurass Muhi Taha al Waeli	اوراس محي طه	83
جامعة القاسم الخضراء	8(1), pp.182-195	Euphrates Journal of Agriculture Science	Study of depth and some shallow-Groundwater Chemical Characteristics impact on salinity and sodic of soil by using Geostatistics and remote sensing data	Aurass Muhi Taha al Waeli	اوراس محي طه	84
القاسم الخضراء	25(6), pp.2088-2102	مجلة جامعة بابل	Spatial predicted for Groundwater Hydrochemistry characteristic and diagnosis its impact on Soil Properties by some Vegetation Indices	Aurass Muhi Taha al Waeli	اوراس محي طه	85
جامعة القاسم الخضراء	30(5), pp.44-50	ZANCO Journal of Pure and Applied Sciences	Soil fertility status for wheat crop production based on its soil organic matter and nitrogen content	Aurass Muhi Taha al Waeli	اوراس محي طه	86
جامعة القاسم الخضراء	23(2), pp.66-74	مجلة الزراعة العراقية البحثية	Spatial Analysis for Soil Nitrogen Availability For Soil Difference Texture In The Southern Part Of Babylon	Aurass Muhi Taha al Waeli	اوراس محي طه	87
جامعة القاسم الخضراء	10(1), pp.185-198	مجلة ديالى الزراعية	Predictive Models Building for Diagnosis Status of Available Nitrogen and Phosphorus Quantity in the Soil with Time by Remote Sensing Data	Aurass Muhi Taha al Waeli	اوراس محي طه	88

جامعة القاسم الخضراء	23(2), pp.55-59	مجلة الزراعة العراقية البحثية	Evaluation Impact of Soil Organic Matter and Calcium Carbonate in Soil Availability Phosphorus Quantity in the Southern Part of Babylon by Gis Using	Aurass Muhi Taha al Waeli	اوراس محي طه	89
لا يوجد	23(2), pp.44-54	مجلة الزراعة البحثية العراقية	بناء مقياس هندسي لتصنيف التدهور الكيميائي في التربة باستعمال بيانات التحسس النائي	Aurass Muhi Taha al Waeli	اوراس محي طه	90
Al-Karkh University of Science	19(1), pp.356-363	Plant Archives	Evaluation of Soil Suitability for Wheat Using Kriging and Remote Sensing Data	Aurass Muhi Taha al Waeli	اوراس محي طه	91
Al-Karkh University of Science	19(2), pp.3141-3150	Plant Archives	Preparation of Mapping Evaluation, Extensional Developmental Agricultural Chemical and Fertility to Soil Using Geographic Information Systems in Babylon Governorate, Iraq	Aurass Muhi Taha al Waeli	اوراس محي طه	92
جامعة القاسم الخضراء	22(6), pp.196-207	The Iraqi Journal of Agricultural Sciences	Quantitative and Qualitative Evaluation for Salinity and Alkalization Soil Status with A Time By Some Vegetation Indices Using	Aurass Muhi Taha al Waeli	اوراس محي طه	93
University of Usto	-pp.451 ,17 460	Journal of Interdisciplinary Mathematics	Solutions of the reaction-diffusion Brusselator with fractional derivatives	Ahmed A. Anber	أحمد عبد عنبر	94

University of Usto	,(3)17 pp.255-269	Journal of Interdisciplinary Mathematics	The Homotopy Analysis Method for Solving Some Fractional Differential Equations	Ahmed A. Anber	أحمد عبد عنبر	95
Universiti Teknologi Malaysia	.pp ,(1)546 12-20	:Journal of Physics Conference Series	Cross coherence independent component analysis in resting and action states EEG discrimination	Ahmed Almurshedi	أحمد فاضل حسوني	96
Al-Muthanna University	16(12), pp.10-26	NeuroQuantology	Neural Correlation of Maturity and Perceptual Decision Making: An Event Related Potential Evidence, Time- Frequency and Measure Projection Analysis	Ahmed Almurshedi	أحمد فاضل حسوني	97
كلية التربية للعلوم الصرفة (ابن الهيثم)	29 (2), pp.292-303	مجلة ابن الهيثم للعلوم الصرفة والتطبيقية	دراسة التركيب الكروموسومي لسمكة أبو Mystus pelusius الزمير العميق	Asmaa S. Ibrahim	أسماء سامي ابراهيم	98
		مجلة العلوم الحديثة والتراثية	دراسة التغيرات السلوكية في اسماك الشبوط Barbus المعرضة للمبيدات الدياتونون و السومسدين grypus	Asmaa S. Ibrahim	أسماء سامي ابراهيم	99
Al-Mustansiriyah University	8(11), pp 9441–9467	Arabian Journal of Geosciences	Depositional setting and basin development of the Paleocene –Lower Eoecne Sinjar and Kurmala formations Northern Iraq	Amani L.M.Salih	أماني لؤي محمد صالح	100

Sheffield Hallam University	-pp.237 ,50 245	Energy Procedia	The effect of solution processing on the -power conversion efficiency of P3HT based organic solar cells	Burak Kadem	براق كاظم	101
Sheffield Hallam University	,(2)22 pp.873-884	Journal of University of Babylon	Preparation of Schottky devices (Al-GaAs Ni-GaAs) and study of some& photoelectronic properties	Burak Kadem	براق كاظم	102
Sheffield Hallam University	26(6), pp.3976- 3983	Journal of Materials Science: Materials in Electronics	Enhancement of power conversion efficiency of P3HT: PCBM solar cell using solution processed Alq3 film as electron transport layer	Burak Kadem	براق يحيى كاظم	103
Sheffield Hallam University	122, pp.280- 285	Dyes and Pigments	Gold (III) phthalocyanine chloride: Optical and structural characterization of thin films	Burak Kadem	براق يحيى كاظم	104
Sheffield Hallam University	5(111), pp.91855- 91862	RSC Advances	Hybrid Materials of Pyrene Substituted Phthalocyanines with Single-Walled Carbon Nanotubes: Structure and Sensing Properties	Burak Kadem	براق يحيى كاظم	105
Sheffield Hallam University	24, pp.73-79	Organic Electronics	Metal salt modified PEDOT: PSS as anode buffer layer and its effect on power conversion efficiency of organic solar cells	Burak Kadem	براق يحيى كاظم	106

Sheffield Hallam University	pp.1090-1094	EUPVSEC	Performance optimization of P3HT: PCBM solar cells by controlling active layer thickness	Burak Kadem	براق يحيى كاظم	107
Sheffield Hallam University	40, pp.29-34	Advances in Physics Theories and Applications	Study the Mechanical Properties of (PVA/SI) Prepared by Sol-Gel Casting Method	Burak Kadem	براق يحيى كاظم	108
Sheffield Hallam University	74, pp.439-445	Energy Procedia	The effect of fullerene derivatives ratio on P3HT-based organic solar cells	Burak Kadem	براق يحيى كاظم	109
Sheffield Hallam University	27(7), pp.7038-7048	Journal of Materials Science: Materials in Electronics	Efficient P3HT: PCBM bulk heterojunction organic solar cells; effect of post deposition thermal treatment	Burak Kadem	براق يحيى كاظم	110
Sheffield Hallam University	45(6), pp.2710-2717	Journal of Electronic Materials	Intrinsic doping in electrodeposited ZnS thin films for application in large-area optoelectronic devices	Burak Kadem	براق يحيى كاظم	111
Sheffield Hallam University	236, pp.605-613	Sensors and Actuators B: Chemical	Study of the sensor response of spun metal phthalocyanine films to volatile organic vapors using surface plasmon resonance	Burak Kadem	براق يحيى كاظم	112

Sheffield Hallam University	6(96), pp.93453-93462	RSC advances	High performance ternary solar cells based on P3HT: PCBM and ZnPc-hybrids	Burak Kadem	براق يحيى كاظم	113
Sheffield Hallam University	125, pp.266-273	Dyes and Pigments	Effect of dispersion of gold nanoparticles on the properties and alignment of liquid crystalline copper phthalocyanine films	Burak Kadem	براق يحيى كاظم	114
Sheffield Hallam University	110, pp.37-45	Polyhedron	Effect of covalent and non-covalent linking on the structure, optical and electrical properties of novel zinc (II) phthalocyanine functionalized carbon nanomaterials	Burak Kadem	براق يحيى كاظم	115
Sheffield Hallam University	1758(1)	AIP Conference Proceedings	The effects of organic solvents and their co-solvents on the optical, structural, morphological of P3HT: PCBM organic solar cells	Burak Kadem	براق يحيى كاظم	116
Sheffield Hallam University	pp.1332-1337	32nd European Photovoltaic Solar Energy Conference and Exhibition-Munich	P3HT: PCBM-based organic solar cells: the effects of different PCBM derivatives	Burak Kadem	براق يحيى كاظم	117
University of Baghdad	121(2), pp.1200-1209	The Journal of Physical Chemistry C	Thin films of unsubstituted and fluorinated palladium phthalocyanines: Structure and sensor response toward ammonia and hydrogen	Burak Kadem	براق يحيى كاظم	118

University of Baghdad	636, pp.760-764	Thin Solid Films	Organic solar cells: study of combined effects of active layer nanostructure and electron and hole transport layers	Burak Kadem	براق يحيى كاظم	119
University of Baghdad	227, pp.78-86	Synthetic Metals	Effect of covalent and non-covalent linking of zinc (II) phthalocyanine functionalised carbon nanomaterials on the sensor response to ammonia	Burak Kadem	براق يحيى كاظم	120
University of Baghdad	3(2), pp.103-110	Karbala International Journal of Modern Science	Modification of morphological and optical properties of ZnO thin film	Burak Kadem	براق يحيى كاظم	121
University of Babylon	9617-9626	Dalton Transactions	Synthesis and organic solar cell performance of BODIPY and coumarin functionalized SWCNTs or graphene oxide nanomaterials	Burak Kadem	براق يحيى كاظم	122
University of Babylon	29(16), pp.13889-13896	Journal of Materials Science: Materials in Electronics	The effects of solvent treated PEDOT: PSS buffer layer in organic solar cells	Burak Kadem	براق يحيى كاظم	123
University of Babylon	29(22), pp.19287-19295	Journal of Materials Science: Materials in Electronics	The effects of the PEDOT: PSS acidity on the performance and stability of P3HT: PCBM-based OSCs	Burak Kadem	براق يحيى كاظم	124

University of Babylon	6(4), p.63	Chemosensors	Fluorinated Chromium Phthalocyanine Thin Films: Characterization and Ammonia Vapor Detection	Burak Kadem	براق يحيى كاظم	125
University of Babylon	256, pp.853-860	Sensors and Actuators B: Chemical	Preparation of single walled carbon nanotube-pyrene 3D hybrid nanomaterial and its sensor response to ammonia	Burak Kadem	براق يحيى كاظم	126
University of Babylon	29(9), pp.7152-7160	Journal of Materials Science: Materials in Electronics	Rutile TiO ₂ films as electron transport layer in inverted organic solar cell	Burak Kadem	براق يحيى كاظم	127
University of Babylon	29(11), pp.9418-9426	Journal of Materials Science: Materials in Electronics	Efficient P3HT: SWCNTs hybrids as hole transport layer in P3HT: PCBM organic solar cells	Burak Kadem	براق يحيى كاظم	128
Al-Karkh University of Science	189, pp.1-7	Solar Energy	Composite materials of P3HT: PCBM with pyrene substituted zinc (II) phthalocyanines: Characterisation and application in organic solar cells	Burak Kadem	براق يحيى كاظم	129
Al-Karkh University of Science	204	Optik	Morphological, structural, optical, and photovoltaic cell of copolymer P3HT: ICBA and P3HT: PCBM	Burak Kadem	براق يحيى كاظم	130

University of Babylon	1279(1)	Journal of Physics: Conference Series	Preparation, morphological, and mechanical characterization of titanium dioxide (TiO ₂)/polyvinyl alcohol (PVA) composite for gamma-rays radiation shielding	Burak Kadem	براق يحيى كاظم	131
University of Babylon	pp.28-33	Iraqi Journal of Science	Simple Colorimetric Method Using Aqueous Solution to Detect Heavy Metal	Burak Kadem	براق يحيى كاظم	132
University of Babylon	11(4), pp.1917-1923	Silicon	The simulated effects of different light intensities on the SiC-based solar cells	Burak Kadem	براق يحيى كاظم	133
Al-Karkh University of Science	2190(1), pp.1-11	AIP Conference Proceedings	The preparing of polyaniline- silver composites by oxidation in comparison with polyaniline –carbon nanotube composites prepared by electro-oxidation for hydrogen sensors	Thamir A. A. Hassan	ثامر عبد الأمير حسن	134
Al-Karkh University of Science	157, pp.1191-1201	Energy Procedia	A New Piezo-Amperometric Sensing Method Based on Comb-like Nanostructured Zinc Oxide Thin Films for the Efficient Detection of Na ₂ SO ₄	Thamir A. A. Hassan, Ali Jsim Mohammed	ثامر عبد الأمير حسن ، علي جاسم محمود	135
Al-Karkh University of Science	1799(1),040001-1-15	American Institute of Physics/AIP Conference Proceedings	Development of nanosensors in nuclear technology	Thamir A. A. Hassan	ثامر عبدالامير حسن	136

Al-Karkh University of Science		American Institute of Physics	Development of nanosensors in nuclear Technology	Thamir A. A. Hassan	ثامر عبدالامير حسن	137
Al-Karkh University of Science	1799:040001	Nanomedicine & Nanotechnology Open Access	Development of Nanosensors in Nuclear Waste Water	Thamir A. A. Hassan	ثامر عبدالامير حسن	138
Al-Karkh University of Science	6, pp.3884-3888	Journal of Environmental Chemical Engineering	Development of diamond composite electrode for anodic oxidation of organic pollutants	Thamir A. A. Hassan	ثامر عبدالامير حسن	139
Al-Karkh University of Science	157, pp.1191-1201	Energy Procedia	A New Piezo-Amperometric Sensing Method Based on Comb-like Nanostructured Zinc Oxide Thin Films for the Efficient Detection of Na ₂ SO ₃	Thamir A. A. Hassan, Ali Jasim Mohammed	ثامر عبدالامير حسن، علي جاسم محمد	140
AL-Mustansiriyah universit	39(1), pp. 232-236	International Journal of Pharmaceutical Sciences Review and Research	Phytochemical Study and Antibacterial Activity of Crude Alkaloids and Mucilage of Cordia myxa in Iraq	Thamer Mouhi Jasiem	ثامر محي جاسم	141
Al-Mustansiriyah University	7(4), pp.1-4	National Journal of Physiology, Pharmacy and Pharmacology	Agriculture, active compounds investigation of cola herb (Artemisia abrotanum L.) recently introduced in Iraq	Thamer Mouhi Jasiem	ثامر محي جاسم	142

Mustansiriyah University	11(6), pp. 2388-2392	Research J. Pharm. and Tech	Isolation of Terpene and Pharmacognostical Study of Iraqi Caper Shrubs (<i>Capparis spinosa</i>) L.	Thamer Mouhi Jasiem	ثامر محي جاسم	143
Mustansiriyah University	10(07), pp. 267-271	Journal of Global Pharma Technology	Pharmacognostical Study and Isolation of Terpene of Iraqi <i>Quisqualis Indica</i> L.	Thamer Mouhi Jasiem	ثامر محي جاسم	144
Mustansiriyah University	pp.1-6	AIP Conference Proceedings	Pharmacognostical and phytochemical studies of Iraqi <i>Hibiscus rosa-sinensis</i>	Thamer Mouhi Jasiem	ثامر محي جاسم	145
Mustansiriyah University	12(7), pp.3219-3222	Research J. Pharm. and Tech.	<i>Tamarix aphylla</i> L.: A Review	Thamer Mouhi Jasiem	ثامر محي جاسم	146
University of Al-Muthanna	59, p.35	International Letters of Chemistry, Physics and Astronomy	Effects of laser pulse energy and annealing process on physical properties of nanostructured SiO_2 prepared by pulse laser deposition	Jafer Fahdel Odah	جعفر فاضل عودة	147
University of Al-Muthanna	75(2), pp. 247-254	Journal of Sol-Gel Science and Technology	Synthesis and spectroscopic properties of silica nanoparticles as scatter center in random gain porous media	Jafer Fahdel Odah	جعفر فاضل عودة	148

University of Al-Muthanna	4(3), pp.560-569	International Journal of Advanced Research	Studying the Structure, the Electric and Magnetic Properties of Ni-Zn Ferrites	Jafer Fahdel Odah	جعفر فاضل عودة	149
University of Al-Muthanna	68, pp.71-81	International Letters of Chemistry, Physics and Astronomy	The Effects of Additive TiO ₂ Nanoparticles on the Energy Gap of DCM Doped with PS Thin Films	Jafer Fahdel Odah	جعفر فاضل عودة	150
Al-Muthanna university	4(1)	Almuthanna Journal of Pure Science (MJPS)	Effect of Substitution of Positive Ion (M ⁺ 2) on the Physical Properties of M-Fe ₂ O ₄	Jafer Fahdel Odah	جعفر فاضل عودة	151
Al-Karkh University of Science	454(1), pp.012032	International Conference on Materials Engineering and Science	Optical and Morphological Characteristics of Nanostructured Titanium Dioxide Thin Films Prepared by DC Reactive Magnetron Sputtering Technique	Jafer Fahdel Odah	جعفر فاضل عودة	152
Al- Muthanna	14(02), pp.221-234	Diyala Journal For Pure Science	Preparation and Characterization of Polymer Blend (PVA/PEO) Filled with Methyl Orange Thin Films	Jafer Fahdel Odah	جعفر فاضل عودة	153
University of Anbar	2(9), pp.32-40	International Journal of Innovative Science, Engineering & Technology	Contribution of Thermal Insulation in Reducing the Cooling Load for Iraqi Building	amal Hameed Waheb	جمال حميد وهيب	154

University of Anbar	5(6), pp.1-8	Journal of Energy Technologies and Policy	Experimental Study to Evaluate the Performance of Flat Plate Solar Collector with Natural Circulation	amal Hameed Waheb	جمال حميد وهيب	155
University of Anbar	11(5), pp.28-33	journal of applied sciences research	Study of effect of heating inlet air temperature on emission and performance of diesel engine	amal Hameed Waheb	جمال حميد وهيب	156
University of Anbar	26(1), pp.1-5	Journal of Al-Mustansiriah	Study the effect of some fungal isolates that treated by crude oil on seed germination Celery (Apium graveolens)	amal Hameed Waheb	جمال حميد وهيب	157
University of Anbar	6(7), pp.1948-1957	International Journal of Scientific & Engineering Research	The natural convective heat transfer in rectangular enclosure containing two inclined partitions	amal Hameed Waheb	جمال حميد وهيب	158
University of Anbar, Iraq	154(3),pp. 7-15.	Al-Mohandas journal	Enhance the thermal performance of Iraq houses by using new passive systems in summer season	amal Hameed Waheb	جمال حميد وهيب	159
Al-Karkh University of Science	3(2), pp.35-52	Iraqi society of Engineering/journal of Engineering	Enhancement of the photo voltaic thermal system performance using combined cooling techniques	Jamal Hameed Waheb	جمال حميد وهيب	160

University of Anbar	,(16)8 pp.274-281	Australian Journal of Basic and Applied ,Sciences	An experimental study on combine effect of exhaust gas recirculation (EGR) and inlet air temperature on emission of diesel engine in iraq with using daura fuel	Jamal Hameed Waheb	جمال حميد وهيب	161
وزارة التعليم العالي والبحث العلمي		مجلة كلية القانون	معيار الانحراف التشريعي في ميزان القضاء الدستوري والاداري	حيدر مدلول بدر	حيدر مدلول بدر	162
Al-Mustansiriya University	12(3), pp.546-554	Baghdad Science Journal	Synthesis, Characterization and Antibacterial Activity of Cefalexin Dervatives	Khalida Thejeel	خالدة علي ثجيل	163
Al-Mustansiriya University	15(1&2), pp.14-23	, AL-Mutansiriyah Journal of pharmaceutical sciences, 15(1) : 14-23, 2015	- Synthesis, Characterization and Antibacterial Studies of 2-azetidinones compounds derived from Amoxicillin ,	Khalida Thejeel	خالدة علي ثجيل	164
Al-Mustansiriya University	15(1), pp.14- 23	Al-Mustansiriyah Journal for Pharmaceutical Sciences	Synthesis, Characterization and Antibacterial Studies of 2-azetidinones Compounds Derived from Amoxicillin	Khalida Thejeel	خالدة علي ثجيل	165
Ministry of Science and Technology		Synthesis, Characterization and Antibacterial Activity of Cephalexin	Synthesis, Characterization and Antibacterial Activity of Cephalexin	Khalida Thejeel	خالدة علي ثجيل	166

University of AL-Mustansriah	5(2): 511-522	Int.J.Curr.Microbiol.Ap p.Sci	Synthesis, Characterization and Polymerization of 1,3,4- Oxadiazole Derivatives of Amoxicillin and Evaluation Antibacterial Activitie	Khalida Thejeel	خالدة علي ثجيل	167
Al-Karkh University of Science	10(03), pp.71-77	Journal of Global Pharma Technology	Physicochemical, Antibacterial Studies of Some New Transition Metal Complexes of Chelating Active Compound	Khalida Thejeel	خالدة علي ثجيل	168
Al-Karkh University of Science	ISSN: 1478-6419	Natural Product Research	Synthesis, characterization and antimicrobial study via new heterocyclic derivatives of trimethoprim,	Khalida Thejeel	خالدة علي ثجيل	169
Al-Karkh University of Science	33(9), pp.1277-1283	Natural product research	Synthesis, characterization and antimicrobial study via new heterocyclic derivatives of trimethoprim	Khalida Thejeel	خالدة علي ثجيل	170
Al-Karkh University of Science	1294, pp.1-7	Journal of physics	Synthesis, characterization of organic nanoparticles of oxadiazole derivative	Khalida Thejeel	خالدة علي ثجيل	171
Al-Mustansiriya University	pp.1-8 ,32038	American Society of Mechanical Engineers Digital Collection	Implementation of Expert System Modeling to Thermal-Hydraulic Design of Hydraulic Systems	Rafa A. Al-Baldawi	رافع حسن عباس	172

Al-Mustansiriya University	,14-32038 pp. 1-8	conference,USA,Marylind ASME-power ,	implement of expert system modeling to thermal-hydraulic design of hydraulic system	Rafea. A. Al-Baldawi	رافع حسن عباس	173
Al-Mustansiriya University	Proceedings of the ASME Power 2014 Conference POWER	,ASME- power, USA MARYLIND	Heat storage enhanced in solar chimney power plant model using PCM material	Rafea. A. Al-Baldawi	رافع حسن عباس	174
Al-Mustansiriya University	11(4), pp. 60-63	Al-Kwarizme Engineering Journal	Experimental study on the effect of copper lessing rings in phase change materials (PCM) on the performance of thermal energy storage unit	Rafa Al-Baldawi	رافع حسن عباس	175
Al-Mustansiriya University	9(21), pp.1-15	Journal of Engineering	Experimental study on the effect of using metallic brushes on the charging and discharging time of thermal energy storage unit	Rafa Al-Baldawi	رافع حسن عباس	176
Al-Mustansiriya University		Journal of engineering and sustamable development	Numerical and Theoretical Study on The Effect of Heat Transfer And Fluid Flow on The Hydraulic Tank	Rafa Al-Baldawi	رافع حسن عباس	177
Mustansiriyah University	32005, pp.1-8	American Society of Mechanical Engineers Digital Collection	Heat Storage Enhanced in Solar Chimney Power Plant Model by Using PCM Material	Rafa Al-Baldawi	رافع حسن عباس	178

Mustansiriyah University	18(5), pp. 282-293	Journal of Engineering and Sustainable Development	Theoretical and experimental study of hydraulic actuators synchronization by using flow divider valve	Rafa Al-Baldawi	رافع حسن عباس	179
Al-Mustansiriya University	8(7), pp.4805-4817	Arabian Journal of Geosciences	Hydrocarbon potential of Zubair Formation in the south of Iraq	Rami M. Idan	رامي محمود عيدان	180
Al-Mustansiriya University	8(2), pp 773-780	Arabian Journal of Geosciences	Reservoir properties and seal efficiency in the Zubair Formation in Euphrates Subzone	Rami M. Idan	رامي محمود عيدان	181
Al-Mustansiriya University	26(1), pp. 1-5	Journal of Al-Mustansiriah Sciences	Study the effect of some fungal isolates that treated by crude oil on seed germination Celery (<i>Apium graveolens</i>)	Rami M. Idan	رامي محمود عيدان	182
Al-Mustansiriya University	14(2), pp.90-99	Iraqi Journal Of Biotechnology	Increase the readiness of phosphorus to <i>Rhaphanus sativus</i> & <i>Vigna unguiculata</i> by local isolates of bacteria <i>Pseudomonas</i> spp	Rami M. Idan	رامي محمود عيدان	183
الجامعة المستنصرية	29(2), pp.331-339	Ibn Al-Haitham J. for Pure & Appl. Sci	The Effect of a Local Bacterial Isolates of <i>Pseudomonas</i> spp in Growth and Elements Nutrition Uptake of (<i>Vingasinesis</i>) & (<i>Rhaphanusstativus</i>)	Rami M. Idan	رامي محمود عيدان	184

Al-Karkh University of Science	14(3), pp.185-195	Bulletin of Iraq Natural History Museum	Total organic carbon (TOC) prediction from resistivity and porosity logs: a case study from Iraq	Rami M. Idan	رامي محمود عيدان	185
الجامعة المستنصرية	2(29), pp.331-339	Ibn AL-Haitham Journal For Pure and Applied Science	The Effect of a Local Bacterial Isolates of Pseudomonas spp in Growth and Elements Nutrition Uptake of (Vinga sinesis) & (Rhaphanus stativus)	Rami M. Idan	رامي محمود عيدان	186
Al-Karkh University of Science	10(6), pp.10-18	Civil and Environmental Research	Quantitative Implementation of Acoustic Impedance Inversion to Porosity and Lithology Prediction of Clastic Reserv oir, Luhais Oil Field	Rami M. Idan	رامي محمود عيدان	187
Al-Karkh University of Science	1(18), pp.652-654	Plant Archives	Taraxacum officinale contamination of heavy metals (iron, copper)	Rami M. Idan	رامي محمود عيدان	188
Al-Karkh University of Science	579, pp.12-25	1st International Conference on Petroleum Technology and Petrochemicals	Application of Geophysical Logs to Estimate the Source Rock Quantity of Ratawi Formation, Southern Iraq: A Comparison Study	Rami M. Idan	رامي محمود عيدان	189
Al-Karkh University of Science	19(2), pp.716 – 720	Plant Archives	Carum Petroselinum and Piper Nigrum as Biological And Geochemical Indicators of Pollution With Pb And Cd In Soil And Plants on Roadside	Rami M. Idan	رامي محمود عيدان	190

Al-Karkh University of Science	16(54), pp.192-198	International Journal of GeomaTE	Geochemical Study of the Tigris River Sediments In The Surrounding Area of Baghdad Medical City	Rami M. Idan	رامي محمود عيدان	191
Al-Karkh University of Science	12(25), pp.57-73	Journal of Petroleum Research and Studies	The Petroleum System of Zubair Formation in Zubair Subzone, Southern Iraq	Rami M. Idan	رامي محمود عيدان	192
Al-Karkh University of Science	12(25), pp.57-73	Journal of Petroleum Research & Studies	The Petroleum System of Zubair Formation in Selected Oil fields- Southern Iraq	Rami M. Idan+ Amani L. M. Salih	رامي محمود عيدان، اماني لؤي	193
Al-Karkh University of Science	57(3c), pp.2258-2269	Iraqi Journal of Science	Assessment of the Lower Cretaceous source rock using PetroMod approach in West Qurna Oilfield- Southern Iraq	Rami M. Idan, Amani L. M. Salih	رامي محمود عيدان، اماني لؤي	194
University of Baghdad	56(1C), pp: 846-852	المجلة العراقية للعلوم	COMPUTER GENERATION OF LOW LIGHT -LEVEL IMAGES	Raaid N. Hassan	رائد نوفي حسان	195
University of Baghdad	Special Issue, Part A, pp:215-224	المجلة العراقية للعلوم	Effect of The Static Aberration on The Extended Objects	Raaid N. Hassan	رائد نوفي حسان	196

Kufa University	5(5), pp.1-23	World Journal of Pharmaceutical Research	Genetic Elements Responsible for extreme drug resistance (XDR) in Klebsiella pneumoniae var pneumoniae isolated from clinical samples of Iraqi patients	Rawa Abdul Redha Aziz	روى عبد الرضا عزيز	197
Kufa University	04(9),pp.26-39	Journal of Global Pharma Technology	Molecular Analysis of Genetic Elements Responsible for XDR in Highly Successful Pathogen Acinetobacter Baumannii Isolated	Rawa Abdul Redha Aziz	روى عبد الرضا عزيز	198
Kufa University	2, pp.26-34	Journal of Global Pharma Technology	Characterization of biofilm production in antibiotic resistant klebsiella pneumonia isolated from different clinical samples in iraqi hospitals	Rawa Abdul Redha Aziz	روى عبد الرضا عزيز	199
Al-Karkh University of Science	7(7), pp.160-191	World Journal of Pharmaceutical Research	Characterization Of A Novel Taylor-Couette Ultraviolet Reactor For Non-Thermal Pasteurization Of Milk	Rawa Abdul Redha Aziz	روى عبد الرضا عزيز	200
University of Technology/Baghdad	,(6)32 pp.1137-1141	Eng. & Tech. Journal	Study of Structural, Optical and Electrical Properties for Cr -Doped Tio 2 Sensor for NH 3 Gas	Zahraa Yassar Abbas	زهراء ياسر عباس	201
Al-Karkh University of Science	227(1),p. 012055	IOP Conference Series: Materials Science and Engineering	Distribution modeling of hazardous airborne emissions from industrial campuses in Iraq via GIS techniques	Zainab Falih Nazal	زينب فالح نزال	202

Al-Karkh University of Science	30(1), pp.216-220	مجلة علوم المستنصرية	Thermal and Electrical Properties of (PVA_CuCl) composite	Zainab F. Nazzal	زينب فالح نزال	203
Al-Karkh University of Science	7, pp.1-7	Professional Association in Modern Manufacturing Technologies	The temperature Effect on treatment of Heavy Metals with Zinc Oxide Name tubes from Industrial Wastwater.	H I Abdulgafour1, Z F Nazal	زينب فالح نزال، هند ابراهيم عبد الغفور	204
الجامعة المستنصرية	,(83)20 pp.643-654	مجلة كلية التربية الاساسية- الجامعة المستنصرية	-Comperision of solutions of Newell whitehead Equation by using the Bernoulli Sub-ODE Method and Modified Simple Equation Method	Sajida Kareem Radhi	ساجدة كريم راضي	205
-AL Mustansirya Universit y		مجلة التربية الاساسية	-Comparison of solutions of Newell Whitehead Equation by Using the Bernoulli Sub-ODE Method and Modified Simple Equation Method	Sajida Kareem Radhi	ساجدة كريم راضي	206
Al-Mustansyriah University	,(84)20 pp.911-918	مجلة كلية التربية الاساسية- الجامعة المستنصرية	Reduction of Order Method for Solving Some Time-Fractional Differential Equations	Sajida Kareem Radhi	ساجدة كريم راضي	207
Al-Mustansiriyah University	13(2), pp.59- 72	journal of kerbala university	Solving Nonlinear Partial Differential Equations Using Tanh and First Integral – Methods	Sajida Kareem Radhi	ساجدة كريم راضي	208

Al- Mustansiriyah university		International Journal of Mechanical Engineering	Effect of Heating on Bending Behavior of Composite Material	Sajida Kareem Radhi	ساجدة كريم راضي	209
Al-Karkh University of Science	13(22), pp.9627-9630	Journal of Engineer and Applied Science	Exact Solution of same complex Partial Differential Equation	Sajida Kareem Radhi	ساجدة كريم راضي	210
لا يوجد	,(2)19 pp.197-189	Iraq Journal of Agriculture	Combining effect of chevalier herbicide and sunflower residue on arbuscular mycorrhiza.	Sraa nsayef Muslim	سراء نصيف مسلم	211
Baghdad University	4, pp.92-102	International Journal of Development and Sustainability	The low molecular weight heparins (LMWHs) and the purified heparinase from Paenibacillus polymyxa acting as antitumour agents on RD tumor cell line	Sraa nsayef Muslim	سراء نصيف مسلم	212
Baghdad University	4(3), pp.184-191	Journal of Medical and Bioengineering	Detection of the Optimal Conditions for Pectate lyase Productivity and Activity by Erwiniachrysanthemi.	Sraa nsayef Muslim	سراء نصيف مسلم	213
College of Science, AL-Mustansiryia University	4(3), pp.198-205	Journal of Medical and Bioengineering	Detection of the optimal conditions for tannase productivity and activity by Erwinia carotovora	Sraa nsayef Muslim	سراء نصيف مسلم	214

لا يوجد	20(1), pp.102-111	Iraq Journal of Agriculture	Effect of different rates of sunflower residues in combination with low dose of Chevalier on wheat and companion weeds.	Sraa nsayef Muslim	سراء نصيف مسلم	215
لا يوجد		Field Crop Conference and The festival of Wheat. Iraq	Responsible of corn to skip irrigation, growth regulator and sunflower extract spray.	Sraa nsayef Muslim	سراء نصيف مسلم	216
لا يوجد	2, pp. 1-7	Int'l Journal of Advances in Chemical Engg., & Biological Sciences (IJACEBS)	Detection of the optimal conditions for inulinase productivity and activity by Acinetobacter baumannii isolated from agricultural rhizosphere soil	Sraa nsayef Muslim	سراء نصيف مسلم	217
لا يوجد	2, p.1	Greener Journal of Biochemistry and Biotechnology	Detoxification of zearalenone produced by Fusariumgraminearum by purified tannase from Citrobacterfreundii	Sraa nsayef Muslim	سراء نصيف مسلم	218
Al-Mustansiriyah University	100, pp.257- 262	Microbial Pathogenesis	Chitosanase purified from bacterial isolate Bacillus licheniformis of ruined vegetables displays broad spectrum biofilm inhibition	Sraa Nsayef Muslim	سراء نصيف مسلم	219
AL-Mustansiryia University	5(1), pp.7-14	International Journal of Biotechnology	Extraction and purification of l- asparaginase produced by acinetobacter baumannii and their antibiofilm activity against some pathogenic bacteria	Sraa Nsayef Muslim	سراء نصيف مسلم	220

لا يوجد	2, pp.35-39	Int'l Journal of Advances in Chemical Engg., & Biological Sciences (IJACEBS)	Enhancement of the activity and stability of L-asparaginase food additive purified from Acinetobacter baumannii as anticarcinogenic in processed foods	Sraa Nsayef Muslim	سراء نصيف مسلم	221
Al-Karkh University of Science	12(2):100-103	American Journal of Agricultural and Biological Sciences	Weed Management in Sesame Field (Sesamum indicum L) Using Wheat Straw and Tillage or no Tillage Systems.	Sraa Nsayef Muslim	سراء نصيف مسلم	222
Mustansiriyah University		20 th Annual conference of the European Biosafety Association	Biosafety of handing with Pseudomonas aeruginosa in extraction of chitosan from Trichoderma reesei and using it as antibiofilm agent .	Sraa Nsayef Muslim	سراء نصيف مسلم	223
University of Al-Mustansiriya	23(1), pp.13-25	Ibn AL-Haitham Journal For Pure and Applied Science	Purification, characterization and antifungal activity of chitinase from Serratia marcescens isolated from fresh vegetables	Sraa Nsayef Muslim	سراء نصيف مسلم	224
University of Al-Mustansiriya	11(10), pp.484-493	Microbial Pathogenesis	Synthesis and characterization of nanoparticles conjugated tannase and using it for enhancement of antibacterial activity of tannase produced by Serratia marcescens	Sraa Nsayef Muslim	سراء نصيف مسلم	225
University of Al-Mustansiriya		International Journal of Advances in Science Engineering and Technology	Improving Of Antibacterial Activity For Antibiotics By Extracted Chitosan From Aspergillus Flavus	Sraa Nsayef Muslim	سراء نصيف مسلم	226

جامعة القاسم الخضراء	5(9):249-260	College of Agriculture Euphrates Journal of Agriculture Science.	Response of maize to skip irrigation and Some of growth regulators and sunflower extract.	Sraa Nsayef Muslim	سراء نصيف مسلم	227
لا يوجد	11(7), pp.541-545	International Journal of Biotechnology and Bioengineering	Improvement of Antibacterial Activity for Ceftazidime by Partially Purified Tannase from <i>Penicillium expansum</i>	Sraa Nsayef Muslim	سراء نصيف مسلم	228
Al-Karkh University of Science	107, pp.52-58	International journal of biological macromolecules	Chitosan extracted from <i>Aspergillus flavus</i> shows synergistic effect,eases quorum sensing mediated virulence factors and biofilm against nosocomial pathogen <i>Pseudomonas aeruginosa</i>	Sraa Nsayef Muslim	سراء نصيف مسلم	229
Al-Karkh University of Science	115, pp.159-167	Microbial pathogenesis	Screening, nutritional optimization and purification for phytase produced by <i>Enterobacter aerogenes</i> and its role in enhancement of hydrocarbons degradation and biofilm inhibition	Sraa Nsayef Muslim	سراء نصيف مسلم	230
Mustansiriyah University	101(5), pp.1623-1630	Journal of AOAC International	A Novel Genetic Determination of a Lectin Gene in Iraqi <i>Acinetobacter baumannii</i> Isolates and Use of Purified Lectin as an Antibiofilm Agent	Sraa Nsayef Muslim	سراء نصيف مسلم	231
Baghdad University	(1)19 pp.8979-8993	Romanian Biotechnological Letters	Optimized conditions for bioemulsifier production by local <i>Streptomyces</i> sp. SS Isolated from hydrocarbon 20 contaminated soil	Sura Alaa Soud	سرى علاء سعود	232

Al-Karkh University of Science	11(4), pp.1333-1339	Journal of Pharmaceutical Sciences and Research	Biodegradation of Polyethylene LDPE plastic waste using Locally Isolated Streptomyces sp.	Sura Alaa Soud	سرى علاء سعود	233
Al-Karkh University of Science	5(1), pp. 1-7	Asian Journal of Biotechnology and Bioresource Technology	Effects of Ranitidine (Zantac) Drug on the Hormonal Level, Sperm Head Abnormality and Histo-Architecture of the Testis of Albino Male Mice	Sura Alaa Soud	سرى علاء سعود	234
Al-Karkh University of Science	7, pp. 270-277	Journal of Pharmacy and Pharmacology	Histological Effect of Viola Odorata Methanolic Extract and Methotraxate Induced in Albino Male Mice	Sura Alaa Soud	سرى علاء سعود	235
Al-Karkh University of Science	7(1), pp. 10-15	American Journal of Bioscience and Bioengineering	Histopathological Study and Oxidative Stress, Antioxidants Parameters and Liver Enzymes Activity Determination of Cyperus Methanolic Extract and Gluconhage Drug on Albino Male Mice	Sura Alaa Soud	سرى علاء سعود	236
AlMustansiriya University	95(1), pp.012081	IOP Conference Series: Materials Science and Engineering	Control of gaseous pollution via the leaves of non-edible trees	alam J. Bash Al-Malik	سلام جمعة المالكي	237
AlMustansiriya University	7(14), p. 1099	Journal of Water Resource and Protection	Investigation of the Performance and Kinetics of Anaerobic Digestion at 45 C	alam J. Bash Al-Malik	سلام جمعة المالكي	238

AlMustansiriya University	5(4), pp.37-40	Industrial Engineering Letters	Surface Layer Modelling for Materials under Thermal Hardening Process	Salam J. Bash Al-Malik	سلام جمعة المالكي	239
لا يوجد	-pp.703 ,1036 710	Advanced Materials Research	Effect of Suction Pipe Diameter and Submergence Ratio on Air Lift Pumping Rate	-Salam J. Bash Al Maliky	سلام جمعة باش	240
Al-Iraqia University	11(3), pp.77-82	International Journal of Modern Manufacturing Technologies	Application Of Green Alternates For The Manufacturing Of Biological Treatment Units	Salam J. Bash Al-Maliky	سلام جمعة باش	241
جامعة سامراء	,(55)14 pp.513-556	مجلة الادارة والاقتصاد	تخطيط الاستثمار الامثل بأستعمال البرمجة الهدفية الضبابية في مصرف الخليج	Suhaila Najma Alsaltany	سهيلة نجم عبد الله	242
Al-Mustansiriya University	18(2), pp.157-166	Al-Nahrain Journal of Science	Estimating Fuzzy Linear Regression Model for Air Pollution Predictions in Baghdad City	Suhaila Najma Alsaltany	سهيلة نجم عبد الله	243
University of Wassit	(6)1	International Journal of World Research	Effect of Doping and Grain Size on Butane gas sensing properties of In ₂ O ₃ doped SnO ₂	Sabah Abbas	صباح إبراهيم عباس	244

University of Wasit	pp.5-14 ,(1)4	International Journal of Semiconductor	Hydrogen Gas Sensors Based On ZnO Thin Films	Sabah Abbas	صباح إبراهيم عباس	245
University of Wasit	,(1)6 pp.1016-1023	Journal of Advances In Physics	Structural, Optical and photoluminescence Properties of Nanocrystalline NiO Thin Film	Sabah Abbas	صباح إبراهيم عباس	246
University of Wasit	5(4) , pp.5560-5567	International Journal of Innovative Research in Science, Engineering and Technology	Study of Annealing Temperature on Prepared Iron oxide Nanoparticles by Sol-Gel Method	Sabah Abbas	صباح إبراهيم عباس	247
University of Wasit	4(9), pp.36-44	Journal of Recent Research and Applied Studies	Studying of deposit time for CdS thin films prepared by chemical bath deposition (CBD) with two different annealing temperature	Sabah Abbas	صباح إبراهيم عباس	248
University of Wasit	4(9), pp.74-79	Journal of Recent Research and Applied Studies	Studying the Effect of the Concentration and Sintering Temperature on the Structural and Optical Properties of Zinc Ferrite (ZnFe ₂ O ₄) Preparing by Sol-Gel	Sabah Abbas	صباح إبراهيم عباس	249
University of Wasit	11(11), pp.186-193	Australian Journal of Basic and Applied Sciences	Modeling of High Performance Reflection Coatings for Visible Region	Sabah Abbas	صباح إبراهيم عباس	250

University of Wasit	10(21):1-6	Indian Journal of Science and Technology	Preparation of Nano Crystalline Zinc –Ferrite as Material for Micro Waves Absorption by Sol-Gel Methods	Sabah Abbas	صباح إبراهيم عباس	251
University of Wasit	4(15)	International Journal of Recent Research and Applied Studies	Studying the Effect of the Concentration and Sintering Temperature on the Structural and Optical Properties of Zinc Ferrite (ZnFe ₂ O ₄) Preparing by Sol-Gel	Sabah Abbas	صباح إبراهيم عباس	252
Al-Karkh University of Science	454(1), pp.1-8	IOP Conference Series Materials Science and Engineering, مؤتمر النانو التكنولوجي في الجامعة التكنولوجية	Affect the Precipitation Times on the Prepared Nanocrystals of CdS by Chemical Bath Deposition	Sabah Abbas	صباح إبراهيم عباس	253
Al-Karkh University of Science	10(3), pp.7-13	Applied Physics Research	Studying the Linear and Nonlinear Optical Properties by Using Z-Scan Technique for CdS Thin Films Prepared by CBD Technique	Sabah I. Abbass	صباح إبراهيم عباس	254
Al-Karkh University of Science	3(2), pp. 210-217	International Research Journal of Advanced Engineering and Science	Thermal Performance Enhancement for a Simple Solar Wall	Sabah I. Abbass	صباح إبراهيم عباس	255
Al-Karkh University of Science	5 (1)	Journal of Recent Research and Applied Studies	Effect of Molar Concentration of Zinc Ferrite (ZnFe ₂ O ₄) Nano Particles Prepared by Sol-Gel on Microwaves Attenuation	Sabah I. Abbass	صباح إبراهيم عباس	256

Missouri State University		ProQuest	The Orientalism of Edgar Allan Poe: The Allure of the Middle East in Al-Aaraaf	Kamal Mahmood Al-	صهيب كمال محمود	257
Al-Karkh University of Science		Noor Publishing . ISBN number: 978-620-2-34657-Printed by Zaki Office for Printing. Baghdad/Iraq/	Shakespeare and The Scriptures: The Intertextuality between Venus and Adonis and Joseph's	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	258
Al-Nisour University College	2(2)	Journal of Al-Nisour University College	The Adaptation of Musicality in Ann Lauterbach's Poetry	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	259
Tarjamiyaat Bayt Al-Hikma	p.15	Journal of Translation and Linguistics Studies Department	Edgar Allan Poe: The Influential and Unlucky Poet	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	260
University of Baghdad	228	The Professor Journal/ University of Baghdad	The Danger of Woman's Tongue in Elizabeth Cary's The Tragedy of Mariam	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	261
University of Thi Qar		University of Thi Qar Journal	Morality and Ethics in Relation to Class Conflict in Charles Dicken's David Copperfield.	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	262

Al-Karkh University of Science	(228), p.19	The Professor Journal	The Danger of Woman's Tongue in Elizabeth Cary's the Tragedy of Mariam	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	263
Al-Karkh University of Science	Vol. 35 (24), pp. 1474-1487	Opción, Año 35, Regular	The manifestations of evil in George Bernard Shaw's the doctor's dilemma	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود	264
Al-Karkh University of Science	13(4), pp.471-476	Chemistry & Chemical Technology	Determination of Heavy Elements (Pb, Cd, Cu and Cr) Concentration in some Water Sources	Sohaib Kamal Mahmood Al-Kamal	صهيب كمال محمود، محمد عبد الباسط عبد الجبار	265
Diyala University		Pakistan Journal of Biotechnology	colorimetric determination of antioxidant vitamins E and C	Abbas Shebeeb Al-kadumi	عباس شبيب حسن	266
Al - Nahrain University	21, pp.64-72	Annals of Tropical Medicine and public health	Colorimetric determination of iron and zinc in people with gallstones in Diyala governorate	Abbas Shebeeb Al-kadumi	عباس شبيب حسن	267
Al - Nahrain University		Journal Of Global Pharma Technology	Determination of Trifluoperazine Hydrochloride in pure form and dosage form via reaction with sulphanilic acid diazonium salt	Abbas Shebeeb Al-kadumi	عباس شبيب حسن	268

Almustansiriya University	4(6), pp.69-82	Internationale Journal of Application or Innovation in Engineering and Management (IJAIEM)	Study the Effect of the Different Stimulation Levels for TEOAEs by the Non-Linear Models	Adnan AL-Maamury	عدنان محسن المعموري	269
Almustansiriya University	80(6), pp.31062-31066	Elixir Physiology and Anatomy	Study the Otoacoustic emission Generation by using Nonlinear Model	Adnan AL-Maamury	عدنان محسن المعموري	270
University of Al-Mustansiriya	6(6), pp.47-54	Research in Otolaryngology	Study the Effect of the Quality Factor of the Transient Evoked Oto-acoustic Emissions (TEOAE)	Adnan AL-Maamury	عدنان محسن المعموري	271
Al-Karkh University of Science	10(10), pp. 873-879	Journal of Public Health Research & Development	Effect of Some Factors and Variables on the Frequency - Time Distribution of the Otoacoustic Emissions	Adnan AL-Maamury	عدنان محسن المعموري	272
Al-Karkh University of Science	10(5), pp.652-656	Indian Journal of Public Health Research & Development	The Effect of the basilar Membrane roughness on the Otoacoustic Emissions	Adnan AL-Maamury	عدنان محسن المعموري	273
Al-Mustansiriyah University	pp. 47-52 ,3	.Int. J. Appl. Inno. in Eng (IJAIEM)and Manag.	In _x Sn _{1-x} O ₂ thin films synthesized via spray pyrolysis method and characterized for Glucose detection by means of limped .metric sensor	Ali Jasim Mohammed	علي جاسم محمد	274

Al-Mustansiriyah University	-pp. 119 ,7 148	Int. J. Nano electronics and materials	Piezoelectric properties for Sn O2 thin films prepared by spray pyrolysis method	Ali Jasim Mohammed	علي جاسم محمد	275
Al-Mustansiriyah University	1(1), pp.20-25	International Journal of Physics	ZnO Nanostructure-Based Amperometric Biosensors	Ali Jasim Mohammed	علي جاسم محمد	276
Al-Mustansiriyah University	1 (4) , PP.66-74	Int.j Enhanced Research in Science Technology and Engineering	ZnO Nanowire /Nanobelt structured co gal sensor	Ali Jasim Mohammed	علي جاسم محمد	277
University of Muenster	851-854	Proceedings SENSOR 2015	P8. 8-UTAM ZnO Nanostructured Thin Film CO Sensor	Ali Jasim Mohammed	علي جاسم محمد	278
Al-Karkh University of Science	119, pp. 473-481	Energy pjysica.	Sensing charectestics of nanostructured Sno2 thin films as Glucose sensor	Ali Jasim Mohammed	علي جاسم محمد	279
Al-Mustansiriyah University	-pp.927 ,(8)4 933	Applied Nanoscience	Amperometric biosensor of SnO ₂ thin film modified by Pd, In and Ag nanostructure synthesized by CSP method	Ali Jasim Mohammed	علي جاسم محمد	280

Universiti Malaysia Perlis	-pp. 119 ,7 148	International Journal of Nanoelectronics and (IJNeaM)Materials	Piezoelectrical properties for SnO ₂ thin films prepared by spray pyrolysis method	Ali Jasim Mohammed	علي جاسم محمود	281
Ministry of Higher Education and Scientific Research	37, pp.437-448	مجلة كلية التربية الأساسية للعلوم التربوية والأنسانية / جامعة بابل	موقف شعراء الجاهلية تجاه الزمن بين التحدي والأستسلام	علي طالب مهدي	علي طالب مهدي	282
Huazhong University of Science and Technology	,(10)9 pp.771-777	Journal of Communications	Performance Analysis of Multi-Source Multi-Relay with Multiple Antennas Cooperative Networks with Best Relay Selection	Ali A Mohamme	علي عبد الوهاب محمد	283
Huazhong University of Science and Technology	pp.1-6	IEEE International Conference on ,Networking Architecture, and Storage	Analysis of the Energy Efficiency and -Packet Error Rate in Amplify-and Forward MIMO Relay Networks	Ali A Mohamme	علي عبد الوهاب محمد	284
Huazhong University of Science and Technology	pp. 448-453	International Conference on Ubiquitous and Future (ICUFN)Networks	Performance analysis of energy efficiency -and symbol error rate in amplify-and forward cooperative MIMO networks	Ali A Mohamme	علي عبد الوهاب محمد	285
Huazhong University of Science and Technology	pp.326-330	In IEEE Fourth International Conference on Communication Systems and Network (ICCSNT)Technologies	BER analysis and evaluated for different channel models in wireless cooperation networks based OFDM system	Ali A Mohammed	علي عبد الوهاب محمد	286

Huazhong University of Science and Technology	,(2)23 pp.570-577	Radioengineering	Performance Analysis of Best Relaying Protocol Selection with Interferences at Relays	Ali A Mohammed	علي عبد الوهاب محمد	287
Huazhong University of Science and Technology,	12(4), pp.701- 708	Telkonnika Indonesian Journal of Electrical Engineering	Analysis of Amplify-and-Forward Cooperative Networks with Nakagami-m fading Channels for MRC Diversity Combining	Ali A Mohamme	علي عبد الوهاب محمد	288
Huazhong University of Science and Technology,	10(6), pp.396-402	Journal of Communications	Performance Analysis of Amplify-and-Forward Cooperative Networks in Non-Identically Distributed Nakagami-m Channels with Best Relaying Selection	Ali A Mohamme	علي عبد الوهاب محمد	289
University of Science and Technology	139(4), pp.11-15	International Journal of Computer Applications	Performance Analysis Cooperative Networks of AF over Nakagami-m Fading Channels with SC and MRC	Ali A Mohamme	علي عبد الوهاب محمد	290
University of Baghdad		International Journal of Computers and Technology	Performance Analysis of Amplify and Forward Cooperative Networks over Rayleigh and Nakagami-m Channels based Relaying Selection	Ali A. Mohammed	علي عبد الوهاب محمد	291
Universiti Tun Hussein Onn Malaysia	169(3):17-24	. International Journal of Computer Applications	Sub-optimal Power Allocation with Best Relay Algorithm in Multiple Antenna MIMO Relays Networks	Ali A. Mohammed	علي عبد الوهاب محمد	292

Al-Karkh University of Science	13(6)pp. 3210-3214	International Journal of Applied Engineering Research	Analysis of Symbol Error Rate in Amplify And Forward Nakagami-M Cooperative Networks	Ali A. Mohammed	علي عبد الوهاب محمد	293
University of Baghdad	15(5), pp.2 277 - 306 1	International journal of Computers and Technology	Performance Analysis of Amplify and Forward Cooperative Networks over Rayleigh and Nakagami-m Channels based Relaying Selection	Ali A. Mohammed	علي عبد الوهاب محمد	294
اطروحة	اطروحة	University of Gezira	The Role of Audio Visual Aids in Motivating EFL Teachers in the Teaching Process: A Case Study of Secondary Schools	Ali A. Mohammed	علي عبد الوهاب محمد	295
Al-Karkh University of Science	10(10), pp.1364 - 1371	International Journal of Scientific & Engineering Research	Classify And Analysis Of Fire In The Forest Greece Using Remote Sensing	Ali A. Mohammed	علي عبد الوهاب محمد	296
Al-Karkh University of Science	54, pp.1-12	Journal Of Southwest Jiaotong University	Differences Between Ad Hoc Networks And Mobile Ad Hoc Networks: A Survey	Ali A. Mohammed	علي عبد الوهاب محمد	297
University of Baghdad	9(3), pp.46-49	Journal of Experimental Biosciences	Effects of Aqueous and Methanolic Extracts of Hibiscus rosa-sinensis Leave on the Blood Cells of Mice In vivo	Ghada R Al-Jarah	غادة رياض حسن	298

Dijlah University College	57(4C), pp: 2979-2993	Iraqi Journal of Science	An Assessment of the Temperature Change Scenarios Using RS & GIS Techniques-A Case study of Sind	Fadia W. Al-Azawi	فادية وضاح العزاوي	299
Al-Karkh University of Science	10(7), p.658	Indian Journal of Public Health Research and Development	Quantitative Assessment of Factors Affecting Visual Acuity by Changing the Luminance	Fadia W. Al-Azawi	فادية وضاح العزاوي	300
-	-pp.117 ,(4)3 124	Journal of natural sciences research	Prevalence of refractive errors of the eye among adults in Iraq	Fadia W. Alazawi	فادية وضاح طارق	301
Ministry of Science and Technology		المؤتمر العلمي 2015 التخصصي 21 لكلية التربية الجامعة المستنصرية	Thermal analyzer of Polymer blend Nanocomposites	Fadhil K. Farhan	فاضل كريم فرحان	302
Ministry of Science and Technology		(AJBAS)	Thermal properties of polymer Reinforced Nano- SiC Nanocomposites.	Fadhil K. Farhan	فاضل كريم فرحان	303
Ministry of Science and Technology		المؤتمر العلمي التخصصي 21 لكلية التربية الجامعة المستنصرية	Wear and Friction Properties of Polymer blend Nanocomposites	Fadhil K. Farhan	فاضل كريم فرحان	304

Ministry of Science and Technology		(IJCM)	Electrical and Mechanical Properties of(ZnO/ UPE- 20%PMMA) Nanocomposites	Fadhil K. Farhan	فاضل كريم فرحان	305
Ministry of Science and Technology		(IJSR)	Study Effect Residence Time on Wear rate for polymer (UBE-PMMA) Reinforced المجلة Nanometer ZnO	Fadhil K. Farhan	فاضل كريم فرحان	306
Ministry of Science and Technology	2(4),6-9	(EJRS)	Wear and Friction Characteristics of (ZnTiO ₃ / PMMA) Nanocomposites	Fadhil K. Farhan	فاضل كريم فرحان	307
Ministry of Science and Technology	7(1): 1-3	Science and Technology	Thermal Properties of (ZnTiO ₃) / PMMA Nanocomposites	Fadhil K. Farhan	فاضل كريم فرحان	308
Ministry of Science and Technology		المؤتمر الرابع الدولي – كلية التربية للعلوم الصرفة – جامعة كربلاء 2017	تأثير اوكسيد الزنك النانوي على خواص الايبوكسي كمعيق للحرارة 7-	Fadhil K. Farhan	فاضل كريم فرحان	309
Al-Karkh University of Science	13(5), pp.1-9	Eurasian Journal of Analytical Chemistry	Improvement in Mechanical Properties and Wear Resistance of the Nano Composite PMMA / Hydroxyapatite - Zirconia (HA-ZrO ₂) by Atmospheric Plasma	Fadhil K. Farhan	فاضل كريم فرحان	310

Al-Karkh University of Science	10(4), pp.1658-1667	Jour of Adv Research & in Dynamical Control Systems	Improvement Mechanical Properties of PMMA Reinforced Bio ceramic material	Fadhil K. Farhan	فاضل كريم فرحان	311
Al-Karkh University of Science	10(10), pp.1954-1959	Jour of Adv Research & in Dynamical Control Systems	Improving Some Mechanical Properties of the System (PMMA-ZrO ₂) Used in Medical Applications	Fadhil K. Farhan	فاضل كريم فرحان	312
Al-Karkh University of Science	22(6), pp.486-491	Online Journal of Veterinary Research	Synthesis And Structure of Eggshell Hydroxyapatite Bone Implant	Fadhil K. Farhan	فاضل كريم فرحان	313
Al-Karkh University of Science	15(6), pp.1-6	Electronic Journal of General Medicine	Improve the surface hardness of the blend PMMA / n- MgTiO ₃ to resist caries and bacteria	Fadhil K. Farhan	فاضل كريم فرحان	314
Ministry of Science and Technology	7(29)	Journal of Engineering	Heat Transfer and Thermal Expansion of Coefficient EP -(MWCNT/x-TiO ₂)	Fadhil K. Farhan	فاضل كريم فرحان	315
Ministry of Science and Technology	7(3), pp.387-391	International Journal of Science and Research	Heat Transfer Properties of PMMA / MgTiO ₃ Nanocomposies .	Fadhil K. Farhan	فاضل كريم فرحان	316

Ministry of Science and Technology	23 (1)	AL-Qadisiyah Journal of pure Science	Development artificial dental filling (PMMA) for antibacterial and wear resistance enhanced by bioceramic system CaTiO ₃	Fadhil K. Farhan	فاضل كريم فرحان	317
Al-Karkh University of Science	11(2), pp. 121-130	International Journal of Pharmaceutical Research	Cytotoxicity of Magnesium Oxide-Zinc Oxide-Titanium Nanocomposite (MgZnTiO ₄) on LS 174T Colorectal Adenocarcinoma Cell Line	Fadhil K. Farhan	فاضل كريم فرحان	318
Al-Karkh University of Science	16(1), pp. 68-70	Journal of Computational and Theoretical Nanoscience	Effect of water absorption and simulated body fluid on surface hardness of PMMA/PLA-MgZnTiO ₄	Fadhil K. Farhan	فاضل كريم فرحان	319
Al-Karkh University of Science	16, pp. 1-5	Journal of Computational and Theoretical Nanoscience	Mechanical Investigation of Dental Fillings Polymethylmethacrylate-ZnTiO ₃	Fadhil K. Farhan	فاضل كريم فرحان	320
Al-Karkh University of Science	1362, pp.1-8	Journal of Physics Journal of Physics	Mechanical Properties of (PMMA/CaTiZrO ₅) The Biocompatible	Fadhil K. Farhan	فاضل كريم فرحان	321
Al-Karkh University of Science	9(4)	international Journal of Mechanical and Production	Preparation and Development (C-TBSCCO) System Used in Thermal Application	Fadhil K. Farhan	فاضل كريم فرحان	322

Al-Karkh University of Science	1362, pp.1-11	Journal of Physics	Synthesis and Characterization Structure and Physical Properties /50-xTiNi - x Ag/Shape Memory Alloy	Ameer Badran Hmood, Fadhil K. Farhan	فاضل كريم فرحان ، امير بدران حمود	323
Al-Karkh University of Science	35(3), pp. 1062-1067	Oriental Journal of Chemistry	Mechanical Performance Efficiency and Wear Coefficient of PLA-HAZrO2 in Bones Replacements	Fadhil K. Farhan, Jafer Fahdel Odah	فاضل كريم فرحان ، جعفر فاضل عوده	324
Al-Karkh University of Science	1362 , pp.1-11	Journal of Physics	Preparation and improvement of Thermal Expansion Coefficient and Impact Strength of (PMMA/CaAl2O4) system	Fadhil K. Farhan, Jafer Fahdel Odah	فاضل كريم فرحان ، جعفر فاضل عوده	325
Al-Karkh University of Science	16(1), pp.109-113	Journal of Computational and Theoretical Nanoscience	Preparation and Development of Ceramic System Catio ₃ for used Medical Applications	Fadhil K. Farhan+ Mohammed Obaid Kadhim	فاضل كريم فرحان ، محمد عبيد كاظم	326
Al-Karkh University of Science	8(4), pp. 734-740	International Journal of Mechanical and Production Engineering Research and Developmen	Biophysics Properties of NHA – PMMA Used In Medical Applications	Fadhil K. Farhan, Sabah I. Abbass	فاضل كريم فرحان، صباح ابراهيم عباس	327
Al-Karkh University of Science	10(4), pp.1581-1589	Jour of Adv Research Dynamical & Control System	Improvement Thermal and Electrical Properties for system Epoxy-Al ₂ TiZrO ₇ anoparticles	Fadhil K. Farhan, Mohammed Obaid Kadhim	فاضل كريم فرحان، محمد عبيد كاظم	328

Al-Karkh University of Science	10(3)	International Journal of Pharmaceutical Quality Assurance	Preparation and Characterization Teeth Filling of PMMA/ n-Tio 2 to Wear Resistance and Antibacterial	Fadhil K. Farhan, Mohammed Obaid Kadhim	فاضل كريم فرحان، محمد عبيد كاظم	329
لا يوجد	39(49)	The Journal of Neuroscience	The NGFR100W Mutation Specifically Impairs Nociception without Affecting Cognitive Performance in a Mouse Model of Hereditary Sensory and Autonomic	Fayq Hsan Jabbar	فايق حسن جابر	330
Sudan University of Science and Technology	(3)25 pp.409–413	.Rendiconti Lincei Scienze Fisiche e Naturali	A comparative study of different surfactants for natural rubber clay nanocomposite preparation	Fayq Hsan Jabbar	فايق حسن جبار	331
Al-Karkh University of Science	10(2): 104-116	Nano Biomedicine and Engineering	Porous Media for Removal of Organic and Inorganic Contaminates	د. فايق حسن جبار	فايق حسن جبار	332
Al-Karkh University of Science	9(3), pp.214-220	Nano Biomed. Eng.	Epoxidized Palm Oil Plasticized Polycaprolactone Nanocomposites Preparation	Fayq Hsan Jabbar	فايق حسن جبار	333
Al-Karkh University of Science	pp.121-126	Arabian Journal of Geoscience	Reservoir Properties and Facies Distribution of Mishrif Formation in Ratawi Oilfield, Southern Iraq	Furat A. Al-Musawi, Amani L. M. Salih	فراة الموسوي، امانى لوي	334

Ministry of Science and Technology	,(2)55 pp.561-571	Iraqi Journal of Science	Ambient Turbulence Intensity Calculation for Al-Nasiriyah Province in Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	335
وزارة العلوم والتكنولوجيا	-pp.729 ,55 740	Iraqi Journal of Science	Weibull Parameters and Wind Power Assessment for Three Locations in Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	336
Ministry of Science and Technology	,(2A)55 pp.561-571	Iraqi Journal of Science	Ambient Turbulence Intensity Calculation for Al-Nasiriyah Province in Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	337
Ministry of Science and Technology	6(10), pp.1326- 1331	International Journal Of Scientific & Engineering Research	A Preliminary Assessment of Wind Energy in Dujaili Site at Wasit Province – Iraq case study	Firas A. Hadi	فiras عبد الرزاق هادي	338
Ministry of Science and Technology		مجلة كلية التربية	A Tool for Optimum Wind Turbine Site Matching (A case study at Al-Shehabi site /Iraq)	Firas A. Hadi	فiras عبد الرزاق هادي	339
Ministry of Science and Technology	4(10), pp.8176- 8183	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Diagnosis of the best method for wind speed extrapolation	Firas A. Hadi	فiras عبد الرزاق هادي	340

Ministry of Science and Technology		International Journal of Application or Innovation in Engineering & Management	Potential Energy Evaluation For Al-Shehabi Location In Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	341
Ministry of Science and Technology	4(9), pp.7619-7627	International Journal of Advanced Reasearch of Electrical, Electronics and Instrumiation Engineering	Turbulence Intensity Calculation for Al-Shehabi Site in Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	342
Missouri University of Science and Technology		51st US Rock Mechanics/Geomechanics Symposium	Probabilistic-analysis of deviated wellbore stability in carbonate formations of SE Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	343
Al-Karkh University of Science	60-65	2nd International Conference for ,Engineering Technology and Sciences of Al-Kitab	Pre-feasibility Study of Hypothetical Wind Energy Project Using Simulated and Measured Data	Firas A. Hadi	فiras عبد الرزاق هادي	344
Baghdad University		52nd US Rock Mechanics/Geomechanics Symposium	Shear Wave Prediction in Carbonate Reservoirs: Can Artificial Neural Network Outperform Regression Analysis	Firas A. Hadi	فiras عبد الرزاق هادي	345
Al-Karkh University of Science	60(6), pp.1259-1265	Iraqi Journal of Science	Prepare A Map for the Number of Hours of Electricity Generation for Different Wind Turbines in The Province of Wasit – Iraq	Firas A. Hadi	فiras عبد الرزاق هادي	346

Al-Karkh University of Science	60(3), pp.662-676	Iraqi Journal of Science	Efficiency of Thematic Mapper Data for Detecting the Changes of Land Use- Land Cover in Mosul Lake and Surrounding Area Northern Iraq	Firas A. Hadi, Walid A. Ahmad	فراس عبد الرزاق هادي , وليد أحمد المجيد عبد	347
University of Baghdad	,(3A)55 pp:1108-1119	Iraqi Journal of Science	Brain Tumor Detection of Skull Stripped MR Images Utilizing Clustering and Region Growing	Loay K Abood	لؤي كاظم عبود	348
University of Baghdad	,(22)7 pp.1896-1907	Journal of Babylon University/Pure and Applied Sciences	Automatic Technique to Produce 3D Image for Brain Tumor Of MRI Images	Loay K Abood	لؤي كاظم عبود	349
University of Baghdad	.pp ,(18)9 170-176	Journal of Applied Science and Agriculture	Detecting Brain Tumor in Computed Tomography Images Using Hybrid Method Hidden Markov Random Fields and ThresholdTechniques	Loay K Abood	لؤي كاظم عبود	350
Al-Nahrain University	pp.6-15 ,(3)4	International Journal of Engineering and Innovative Technology (IJEIT)	Robust Method for Robotic Guidance Using Line Following Method	Loay K Abood	لؤي كاظم عبود	351
University of Baghdad	pp.1-5	IEEE Student Conference on Research and Development	Detecting brain tumor in Magnetic Resonance Images using Hidden Markov Random Fields and Threshold techniques	Loay K Abood	لؤي كاظم عبود	352

University of Baghdad	7(3), PP 42-49	IOSR Journal of Applied Physics (Analysis Study of Fuzzy C-Mean Algorithm Implemented on Abnormal MR Brain Images	Loay K Abood	لؤي كاظم عبود	353
University of Baghdad	56(1A), pp: 233-237	Iraqi Journal of Science	Image Segmentation Using Superpixel Based Split and Merge Method	Loay K Abood	لؤي كاظم عبود	354
University of Baghdad	56(4C), pp: 3569-3577	Iraqi Journal of Science	Simulation of Solar Coronal Magnetic Field Using Potential Field Model	Loay K Abood	لؤي كاظم عبود	355
University of Baghdad	6(5), pp.1592-1595	International Journal of Science and Research	Automatic Brain Tumor Segmentation from MRI Images Using Region Growing Algorithm	Loay K Abood	لؤي كاظم عبود	356
University of Baghdad	13(28), PP.33-43	Iraqi Journal of Physics	Magnetic solar surface flux transport simulation	Loay K Abood	لؤي كاظم عبود	357
University of Baghdad	1657(1)	AIP Conference Proceedings	Detecting Brain Tumor in Computed Tomography Images Using Markov Random Fields and Fuzzy C-means Clustering Techniques	Loay K Abood	لؤي كاظم عبود	358

University of Baghdad	pp.55-60	IEEE Student Conference on Research and Development (SCORED)	Segmentation and estimation of brain tumor volume in computed tomography scan images using hidden Markov random field Expectation Maximization algorithm	Loay K Abood	لؤي كاظم عبود	359
University of Baghdad	8(3), pp.9-13	Journal of Telecommunication, Electronic and Computer Engineering (JTEC)	Segmentation and Estimation of Brain Tumor Volume in Magnetic Resonance Images Based on T2-Weighted using Hidden Markov Random Field Algorithm	Loay K Abood	لؤي كاظم عبود	360
Al-Karkh University of Science	58(4C), pp: 2486-2495	Iraqi Journal of Science	Single Scale Retinex (SSR) and Multi Scale Retinex (MSR) Enhancement Algorithms for Thermal Night-Vision Images	Loay K Abood	لؤي كاظم عبود	361
University of Baghdad	17 (7), pp.31-37	IJCSNS International Journal of Computer Science and Network Security	Mathematical Message Authentication Code Using S-Box key	Loay K Abood	لؤي كاظم عبود	362
Al-Karkh University of Science	16(37), PP. 127-135	,Iraqi Journal of Physics	Contrast enhancement of infrared images using Adaptive Histogram Equalization (AHE) with Contrast Limited Adaptive Histogram Equalization (CLAHE)	Loay K Abood	لؤي كاظم عبود	363
Al-Karkh University of Science	pp.1-16	The 1st International Scientific Conference on Pure Science	Simulation on Rotation Curve of Spiral Galaxies	Loay K Abood	لؤي كاظم عبود	364

University of Agricultural Sciences and Veterinary Medicine Bucharest	15(4), pp.2284-7995	Management, Economic Engineering in Agriculture and rural development	The Agriculture Potential Development In The Republic of Iraq	Mohammed Dhary Yousif	محمد ضاري يوسف	365
وزارة التعليم العالي	المجلد 34 العدد الأول، ص77-97	مجلة جامعة دمشق للعلوم الزراعية	تأثير مستويات مختلفة من سماد الداب (DAP) في محتوى أوراق نبات العشار (Calotropis procera) من مركبات الفينول و N,P,K	Mohammed Dhary Yousif	محمد ضاري يوسف	366
Al-Karkh University of Science	50(1), pp.409-419	The Iraqi Journal of Agricultural Science	Testing Three Statistical Criteria to Screening S3 Families by Reciprocal Recurrent	Mohammed Dhary Yousif	محمد ضاري يوسف	367
Al-Karkh University of Science	50(1), pp.409-419	The Iraqi Journal of Agricultural Science	Testing Three Statistical Criteria To Screening S3 Families By Reciprocal Recurrent Selection In Popcorn	Mohammed El Jubouri	محمد ضاري يوسف	368
University of Agricultural Sciences and Veterinary Medicine Bucharest	pp.133-140	.International Symposium Agrarian Economy and Rural Development	The Maize Crop Technology Characterized By Its Main Indicators At The Country Level And In Calarasi County	Mohammed El Jubouri	محمد ضاري يوسف الجبوري	369
University of Agricultural Sciences and Veterinary Medicine Bucharest	,(3)14 -pp.2284 79957	Scientific Papers	The Main Statistic Indicators Analysis That Characterize The Maize Crop In Romania, Irak And Worldwide	Mohammed El Jubouri	محمد ضاري يوسف الجبوري	370

Ministry of Higher Education and Scientific Research	16(1), pp. 543-547	Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development	Uses of different temperatures to control insect Tribolium castaneum (Herbest) and what is the preferred own food in the grain stores	Mohammed El Jubouri	محمد ضاري يوسف الجبوري	371
Romania	7, pp.112-120	Agrarian Economy And Rural Development Realities And Perspectives For Romania	Reality and prospects of organic agriculture in Iraq and neighboring countries	Mohammed El Jubouri	محمد ضاري يوسف الجبوري	372
University of Agronomic Sciences and Veterinary Medicine Bucharest	16(4), pp.9-17	Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development	The importance of agriculture's extension in the Arab republic of Iraq.	Mohammed El Jubouri	محمد ضاري يوسف الجبوري	373
Al-Karkh University of Science		Nanophotonics Australasia 2017	Subwavelength wire array metamaterial microwave cavities	Mohanad Al-Rubaiee	محمد ضاري يوسف الجبوري	374
Ministry of Higher Education and Sci Research Dept. of Missions and Cultural Relations	49(5), pp.731- 739	The Iraqi Journal of Agricultural Science	Assessment of multi-cultivars of caraway using ternary plot under arid zone circumstances	Mohammed El Jubouri	محمد ضاري يوسف الجبوري	375
University of Baghdad, Baghdad		Asia Communications and Photonics Conference	Subwavelength Imaging and Cavities Using Wire Array Fibres	Mohanad Al-Rubaiee	محمد ضاري يوسف الجبوري	376

Al-Karkh University of Science	25(4), pp.713-719	Functional Materials	New Gadolinium-Substituted Lead Sodium Apatite Structure	Mohammed A. B. Abdul Jabar	محمد عبد الباسط عبد الجبار	377
Al-Karkh University of Science	17(2), pp.343-352	Nanosystems, nanomaterials, nanotechnologies	Studying Solid Solutions of Substitution of Pb with Sm in Lead- Sodium Apatite Structure	Mohammed a b abdul jabar	محمد عبد الباسط عبد الجبار	378
Bilad Al-Rafidain University College	55(5):2165- 73	Inorganic chemistry	Isomorphous substitution of rare-earth elements in lacunary apatite	Mohammed A. B. Abdul Jabar	محمد عبدالباسط عبدالجبار	379
لا يوجد	,(2)11 pp.584-589	بغداد للعلوم	تحضير غشاء المترابك (CdTe) _{1-x} Sex / ZnS ودراسة تأثير التركيز على خواصه الكهربائية	Mohammed Obaid Kadhim	محمد عبيد كاظم	380
لا يوجد		المجلة العراقية للعلوم والتكنولوجيا	Preperation of Baruim Ferrite Power and Study the Effect of Glucose Concentration on the Coefficient of Magnetic Viscosity	Mohammed Obaid Kadhim	محمد عبيد كاظم	381
Al-Karkh University of Science	36, pp.57-61	مجلة الهندسة والتكنولوجيا	Enhancement of Corrosion Protection of steel by PMMA/TiO ₂ Nanocomposite coating	Mohammed Obaid Kadhim	محمد عبيد كاظم	382

Al-Karkh University of Science	36, pp.57-65	مجلة الهندسة والتكنولوجيا	تحسين الحماية التاكلية للفولاذ باستخدام طلاءات PMMA/TiO ₂ المترابك النانوي	Mohammed Obaid Kadhim	محمد عبيد كاظم	383
لا يوجد	.pp,(2)11 584-589	مجلة بغداد للعلوم	Preperation of Superposed thin film 1-xSex/ZnS and Studying the(CdTe) Effect of concentration on some its Electrical Properties	Mohammed Obaid Kadhim	محمد عبيد كاظم	384
Al-Karkh University of Science	12(2), pp.481-485	EurAsian Journal of BioSciences	Friction coefficient and biophysical properties for UPE-PMMA blend reinforced by nano-zinc oxide	Mohammed Obaid Kadhim,Fadhil K. Farhan	محمد عبيد كاظم,فاضل كريم فرحان	385
لا يوجد		International journal for sciences and technology	Study the of Th-17 cells in the development of bladder cancer in sample of Iraqi patients	Mustafa A.Al-sheakh	طفي عبد الحسين عبد	386
University of Baghdad	57(1C), pp: 583-587	Iraqi Journal of Science	Immunohistochemical study of natural killer cells in patients with bladder cancer	Mustafa A.Al-sheakh	مصطفى عبد الحسين عبد الأمير	387
Al-Mustansyriah University	-pp. 1 , (84)20 25	مجلة كلية التربية الاساسية	, The effect of laser in catalase enzyme ,coagulase enzyme , alpha-hemolysin biofilm and sensitivity of antibiotic of <i>S.aureus</i> isolated from keratitis suppurative	Munira CH Ismail	منيرة جلوب اسماعيل	388

Al-Nahrain University	7(12), pp.23707-23711	International Journal of Current Research	Detection of human papilloma virus in oral squamous cell	Munira CH Ismail	منيرة جلوب اسماعيل	389
University of Baghdad	57(2)	J. Fac. Med. Baghdad	Experimental study the role of lasA protease of Pseudomonas aeruginosa in the treatment of bacterial keratitis caused by Staphylococcus aureus	Munira CH Ismail	منيرة جلوب اسماعيل	390
University of Baghdad,	3(10), pp. 218–223	J. Contemp. Med. Sci.	Antimicrobial effect of Probiotic Lactobacillus ssp. on Pseudomonas aeruginosa	Munira CH Ismail	منيرة جلوب اسماعيل	391
University of Baghdad,		International for Sciences and Technology	Antibiotic susceptibility pattern and plasmid profiling of multidrug resistant Pseudomonas aeruginosa isolated from wound infections in Baghdad hospitals	Munira CH Ismail	منيرة جلوب اسماعيل	392
Al-Karkh University of Science	5(2): 1048-1052	Journal of Entomology and Zoology Studies	Comparison study between a crude bacterial suspension and purified pseudomonal alkaline protease enzyme effect on the rabbit interleukin-2 following bacterial keratitis	Munira CH Ismail	منيرة جلوب اسماعيل	393
لا توجد	59(1), pp.87-89	Journal of the Faculty of Medicine Baghdad	Study of Causative bacterial agents and risk factors predisposing to bacterial keratitis in Iraq	Munira CH Ismail	منيرة جلوب اسماعيل	394

AL-Mustansiriyah University	-pp.13 ,(2)26 17	مجلة علوم المستنصرية	Study The predictive value of troponin-I and histopathology changes during acute and chronic myocardial infarction in adult male rat	Mahdi Hammadi	مهدي حيدر حمادي	395
AL-Mustansiriyah University	-pp.49 ,(2)25 58	Al-Mustansiriyyah Journal of Science	Cryo-induction of myocardial infarction in rats and its effects on Lactate dehydrogenase-1 level and histopathological changes	Mahdi Hammadi	مهدي حيدر حمادي	396
AL-Mustansiriyah University	26(2), pp.13- 17	Al-Mustansiriyyah Journal of Science	Study The Predictive Value of Troponin-I And Histopathological Changes During Acute and Chronic Myocardial Infarction In Adult Male Rats	Mahdi Hammadi	مهدي حيدر حمادي	397
AL-Mustansiriyah University	1(2), pp.6-13	Pyrex Journal of Nutrition and Metabolism	The predictive value of Endothelin-1 and histopathological changes during acute and chronic myocardial infarction in human and rat	Mahdi Hammadi	مهدي حيدر حمادي	398
University of AL-Mustansriah	5(2), pp.511- 522	Int.J.Curr.Microbiol.Ap p.Sci	Synthesis, Characterization and Polymerization of 1,3,4- Oxadiazole Derivatives of Amoxicillin and Evaluation Antibacterial Activities	Mahdi Hammadi	مهدي حيدر حمادي	399
Al-Karkh University of Science	12(1), pp.300-304	International Journal of pharmaceutical research	Assessment of serum interleukin- 6 and leptin levels in postmenopausal iraqi women	Mahdi Hammadi	مهدي حيدر حمادي	400

University of Baghdad	978-1-943580-06-4	Asia Communications and Photonics	Subwavelength Imaging and Cavities Using Wire Array Fibres	Mohanad Jamal	مهند جمال عباس	401
Al-Karkh University of Science		International Society for Optics and Photonics (SPIE)	Subwavelength wire array metamaterial microwave cavities	Mohanad Jamal	مهند جمال عباس	402
Al-Karkh University of Science	11143	Education and Training in Optics and Photonics	Medical laser safety	Mohanad Al-Rubaiee	مهند جمال عباس	403
Al-Karkh University of Science	15(4), pp.206-214	Iranian Journal of Medical Physics	Feature Extraction of Visual Evoked Potentials Using Wavelet Transform and Singular Value Decomposition,	Najwa Sulaiman	نجوى ابراهيم سليمان	404
Al-Karkh University of Science	15(4), pp.206-214	Iranian Journal of Medical Physics	Feature Extraction of Visual Evoked Potentials Using Wavelet Transform and Singular Value Decomposition	Najwa Sulaiman	نجوى ابراهيم سليمان	405
UKM	,(11) 10 pp.2339-2348	Journal of Computer Science	A Polynomial Function In The Automatic Reconstruction of Fragmented Objects	Nada A. Rasheed	ندى عبد الله رشيد	406

University of Babylon	pp. 142-147	IEEE Xplore	A Survey of Classification and Reconstruction Methods for the 2D Archaeological Objects	Nada A. Rasheed	ندی عبدالله رشید	407
University of Babylon	3 (3), pp. 712-714	International Journal of Advanced Research	A Survey of Computer Methods in Reconstruction of 3D Archaeological Pottery Objects	Nada A. Rasheed	ندی عبدالله رشید	408
University of Babylon	76 (3), pp. 358- 365	Journal of Theoretical And Applied Information Technology	Archaeological Fragments Classification Based on RGB Color and Texture Features	Nada A. Rasheed	ندی عبدالله رشید	409
University of Babylon	10 (12), pp. 1396-1403	Research Journal of Applied Sciences, Engineering And Technology.	Using Both HSV Color and Texture Features to Classify Archaeological Fragments	Nada A. Rasheed	ندی عبدالله رشید	410
university of Babylon	3 (2), pp.224-228	Int'l Journal of Computing, Communications & Instrumentation Engg (IJCCIE).	Reconstruction of Ancient Two-Dimensional Objects	Nada A. Rasheed	ندی عبدالله رشید	411
University of Babylon	14(9), pp.324-333	Int'l Journal of Computing, Communications & Instrumentation Engg (IJCCIE).	Reconstruction of Ancient Two-Dimensional Objects	Nada A. Rasheed	ندی عبدالله رشید	412

University of Babylon	pp.1-12	Journal of King Saud University – Computer and Information Sciences	Classification and Reconstruction Algorithms for The Archaeological Fragments	Nada A. Rasheed	ندى عبدالله رشيد	413
University of Babylon	26 (5), pp.204-215	Journal of University of Babylon, Pure and Applied Sciences	Object Segmentation from Background of 2D Image	Nada A. Rasheed	ندى عبدالله رشيد	414
University of Babylon	96 (17),pp. 5857-5868	Journal of Theoretical and Applied Information Technology	Recognition of Cuneiform Symbols Using Neural Network	Nada A. Rasheed	ندى عبدالله رشيد	415
University of Babylon	14 (6), pp. 1999-2006	Journal of Engineering and Applied Sciences	Hiding Text in AVI Video File by Method of Least Significant Bit	Nada A. Rasheed	ندى عبدالله رشيد	416
الجامعة المستنصرية	6(1), pp.29-36	مجلة القادسية للعلوم الزراعية	تقييم ملائمة اراضي مشروع ري الجزيرة لزراعة الحنطة	Nada Farook Aboud	ندى فاروق عبود	417
كلية العلوم -الجامعة المستنصرية		مجلة العلوم الزراعية العراقية	التغايير الزمني لقيم ملائمة الاراضي لزراعة محصول الحنطة في المناطق الاروائية وسط العراق	Nada Farook Aboud	ندى فاروق عبود	418

Al-Karkh University of Science	العدد 2 المجلد 7 154-166 ،	مجلة القادسية للعلوم الزراعية	تحديد حالة التغيرات الزمنية في قيم ملاءمة الاراضي لزراعة محصول الحنطة في مشروع المسيب الاروائي في وسط العراق باستخدام نظم المعلومات الجغرافية	Nada Farook About	ندى فاروق عبود	419
Al-Karkh University of Science	7(2), pp.154- 166	مجلة القادسية للعلوم الزراعية	تحديد حالة التغيرات الزمنية في قيم ملاءمة الاراضي لزراعة محصول الحنطة في مشروع المسيب الاروائي في وسط العراق باستخدام نظم المعلومات الجغرافية	Nada Farook About	ندى فاروق عبود	420
Soran University	P.129-135 ,69	Superlattices and Microstructures	Synthesis of Ge nanostructures on Si substrate by a convenient electrochemical technique at room temperature for different durations	Nihad K. Ali	نهاد خلف علي	421
Soran University	-P. 134 ,126 142	Microelectronic Engineering	The evolution of Si-capped Ge islands on Si (100) by RF magnetron sputtering and rapid thermal processing: The role of annealing times	Nihad K. Ali	نهاد خلف علي	422
Universiti Sains Malaysia	.pp ,161 D801-D805	Journal of The Electrochemical Society	Photoluminescence of Ultraviolet Initiated Green Emission from Electrochemically Deposited Germanium Films on (100) Silicon	Nihad K. Ali	نهاد خلف علي	423
Universiti Teknologi Malaysia	161, P. 1-6	Microelectronic Engineering	Effect of coatings and surface modification on porous silicon nanoparticles for delivery of the anticancer drug tamoxifen	Nihad K. Ali	نهاد خلف علي	424

Thi-Qar University	pp.5-7 ,(7)2	Inventive engineering and sciences	Increase the capacity amount of data hiding to least significant bit method	Nura Anwer Abdulzahara	نورا أنور عبد الزهرة	425
University of Baghdad	14(2), pp. 17-21	Mustansiriya Medical Journal	The Cytokine Genetic Polymorphism of Interleukin-10 and Interleukin-12 in Systemic Lupus Erythematosus Disease	Hiba Shakir Ahmed	هبة شاكر احمد	426
Al-Karkh University of Science	79, pp.91-92	Human Immunology	Cytokine gene polymorphisms in Iraqi Arabs	Hiba S. Ahmed	هبة شاكر أحمد	427
Al-Karkh University of Science	6(2), pp.65-68	Iraq Journal of Hematology	Cytokines profiling as prognostic markers in newly diagnosed acute myeloid leukemia	Hiba S. Ahmed	هبة شاكر أحمد	428
Al-Karkh University of Science	19, pp. 98-103	Meta Gene	Cytokine gene variations and their impact on serum levels of IFN- γ , IL-2, IL-4, IL-10 and IL-12 among Iraqi Arabs	Hiba S. Ahmed	هبة شاكر أحمد	429
Al-Karkh University of Science	23	Meta Gene	Interleukin-1 single nucleotide polymorphisms and risk of systemic lupus erythematosus among Iraqi patients	Hiba S. Ahmed	هبة شاكر أحمد	430

Ministry of Science and Technology	pp. 51-56	Journal of Materials Science and Engineering	Hydrogen Gas Sensor Based on ZnO Nanoroads Grown on Si by Thermal Evaporation	Hind Ibraheem Abdulgafour	هند ابراهيم عبد الغفور	431
Ministry of Science and Technology,	4(12), pp.1616-1619	Int J Sci Res (IJSR)	Removal Elements from an Industrial Wastewater of Refinery at Different Temperatures using CNTs	H. I. Abdulgafour	هند ابراهيم عبد الغفور	432
مؤتمر		4 TH International Congress On Technology Engeneering & Science	Contaminates Removal from Refinery Wastewater Using ZnONTs	هند ابراهيم عبد الغفور	هند ابراهيم عبد الغفور	433
Al-Karkh University of Science	حج.1-6	Journal of Materials Science and Engineering	The temperature effect on treatment of heavy metals with zinc oxide nano tube from industrial wastewater	Hind Ibraheem Abdulgafour	هند ابراهيم عبد الغفور	434
Al-Karkh University of Science	13, pp.1-6	Elsevier	The effect of post annealing temperature on grain size of indium-tin-oxide for optical and electrical properties improvement	Hind Ibraheem Abdulgafour	هند ابراهيم عبد الغفور	435
Al-Karkh University of Science	XI (3), pp.50-56	International Journal of Modern Manufacturing Technologies	Preparation Of Antibacterial Uf Membrane For Wastewater Treatment Using Composed Of Polysulfide Combined With Zno/Ag Nanomaterials	Hind Ibraheem Abdulgafour	هند ابراهيم عبد الغفور	436

Al-Karkh University of Science	13	Results in Physics	The effect of post annealing temperature on grain size of indium-tin- oxide for optical and electrical properties improvement	Hind Ibraheem Abdulgafour	هند ابراهيم عبد الغفور	437
Ministry of Science and Technology	6, pp.51-56	Journal of Materials Science and Engineering	Hydrogen gas sensor based on ZnO Nanoroads grown on Si by thermal evaporation	Hind Ibraheem Abdulgafour	هند ابراهيم عبد الغفور	438
Ministry of Industry & minerals	14(5), pp.5719- 5730	International Journal Of Computers & Technology	PSO-based Optimal PID Controller for Twin Rotor MIMO System	Wisam A. Latif	وسام عبد الله لطيف	439