



**University of Mosul – College of Science –
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Journal Name	Names of Researchers	Research Title	No.
J. Med. Pharm. Chem. Res.	Thikra Ali Allwsh	Nesfatin-1: Relation to oxidative stress and inflammation markers for newly diagnosed myocardial infarction patients in Mosul/Iraq	.1
Journal of Wahj Al-Ulom for Pure Sciences	Thikra Ali Allwsh	Relationship of nesfatin-1 to insulin resistance and sensitivity indices in patients with myocardial infarction	.2
AIP conference procerfing	Asaad Faisal Khattab	Preparation of polyester from linear low density polyethylene	.3
New Materials, Compounds and Applications	Asaad Faisal Khattab, Saba Hazem Sedeeq	Reclaiming Natural Rubber Latex From Disposable Glove Waste and Characterizing its Structure	.4
Chemical paper	Enaam Ahmed, Sahbaa Younis	Chalky limestone as sustainable water purification from eriochrome black T: kinetics, isotherm, and equilibrium	.5
The 14th International Scientific Conference on Pure, Applied and Technological Sciences	Tahani Waleed Jihad, Haifaa Younis ,Marwa Talal	Synthesis of new hydrazones derived from 2,4-dioxothiazolidine-5-yl-acetic acid	.6
Sustainable Chemistry One World	Hana Hameed Ahmed	Response surface methodology for optimizing pollutants elimination from wastewater using activated biochar derived from mixed biowastes	.7
CHEMICAL PROBLEMS	khansaa shakr Al-nama	Computational Binding Studies and Bioactivity Evaluation for Certain Schiff Base Metal-Complexes Transformed From Ciprofloxacin	.8



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Baghdad Science Journal	khansaa shakr Al-nama	Synthesis, Diagnosis As Well as Biological Activity Studies of Some Metal Ion Complexes of Schiff Bases Derived from 4-Aminoantipyrine	.9
Bull. Chem. Soc. Ethiop	khansaa shakr Al-nama , Israa Adnan	Synthesis, Characterization, DFT, Molecular Docking, and in Vitro Screening of Metal Chelates Incorporating Schiff Base	.10
Doklady Chemistry	Rabah Ali Khalil	In Silico Treatment for Prediction of New Effective Pesticides Based on Acetylcholinesterase Inhibition	.11
Tenside Surfactants Detergents	Rabah Ali Khalil	The role of presence of wormlike micelles of ionic surfactants on the sterilization efficiency of sodium hypochlorite	.12
Bas J Sci	Zahraa Mohammed Ali	Evaluation of Serum Endothelin Levels and Their Association with PTH, Vitamin D, Renal Function, and Potassium in End-Stage Renal Disease Patients Undergoing Hemodialysis	.13
Ukr. Biochem. J.	Zahraa Mohammed Ali	Isolation, characterization and antioxidant activity of fibrinogen-like protein-1 from serum and synovial fluid of patients with rheumatoid arthritis	.14



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Iraqi Journal of Science	Rana Abd Almalk Suliman	Preparation Metal Complexes of New Schiff Base Derived From 2-Aminoanthraquinone and 3-Acetyl Furan	.15
Ukr. Biochem. J.	Zahraa Mohammed Ali	Osteopontin as a biomarker for diagnosing the severity of osteoarthritis	.16
Bas J Sci	Zahraa Mohammed Ali	Study of Arginase, Adenosine Deaminase, Oxidative Stress, and IL-6 Levels in Patients with Rheumatoid Arthritis	.17
Bas J Sci	Zahraa Mohammed Ali	The Physiological Role of Nesfatin-1 And Its Relationship to Minerals in Patients with Osteoporosis	.18
Journal of Chemical Health Risk	Zena A.M. AL-Jawadi	Novel Study of the Effect of Spexin Hormone on Heart Attack Disease	.19
College of Basic Education Researchers Journal	Sariya Waleed Zedan	Application of desulfurization by using butylmethylimidazolium chloride salt and some of its complexes salt with some transition metals	.20
Rafidain Journal of Science	Salim J.Mohammed	Preparation, Characterization and Molecular Docking Study of some New Pyrazole Derivatives Derived from 2-Mercaptobenzothiazole	.21



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Journal Name	Names of Researchers	Research Title	No.
New Materials, Compounds and Applications	Salim J.Mohammed	Synthesis and Evaluation of Some New 1,2,4-Oxadazole Derivatives and Catalysts in Barley Cultivation	.22
AIP Conference Proceeding	Saad Hasani Sultan	Spectrophotometric determination of promethazine hydrochloride using oxidative coupling reactions with sulphacetamide sodium salt	.23
Journal of Wahj Al-Ulom for Pure Sciences	Saad Hasani Sultan	Spectrophotometric Determination of Thiamin Hydrochloride in Pharmaceutical Preparations by Azo-Coupling Reactions with Sulphacetamide Sodium Reagent	.24
AIP Conference Proceedings	Saad Hasani Sultan , Ammar Hussein Abdullah Al-Sabawi	Spectrophotometric Determination of Co (II) in Various Water Samples Using New Synthesized Schiff Base Bis (Naphaldehyde) O-Phenylenediamine (BNO PD)	.25
College of Basic Education Researchers Journal	Sukayna Hussain Rashed	Evaluating the role of arginine deaminase and its relationship with the development of diabetes in patients with non-alcoholic fatty liver disease	.26
Medical Journal of Babylon	Sukayna Hussain Rashed	The Role of Visfatin, Leptin, and IL-18 in Polycystic Ovarian Syndrome Patients	.27
Egyptian Journal of Veterinary Sciences	Sukayna Hussain Rashed ,Saba Zaki , Raghad Abdalmawjood	The Role of Oxidative Stress on Cardiovascular Properties of the Androgen Induced PCOS in Female Rates operties of the r disease	.28



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Journal Name	Names of Researchers	Research Title	No.
Iraqi National Journal of Chemistry	Shaymaa Khazaal Younis	Moderate and Efficient One-Pot Multicomponent Strategy to Perform a New Series of Fused 1,2,4-Triazolopyrimidine Derivatives Assisted by Lemon Juice and Grinding Technique	.29
NTU journal of pure sciences	Shayma'a Hashim Abdulrahman	Conductivity Measurements, Thermodynamic Calculations and Theoretical Calculations of N-(2-chlorobenzylidene)-4-picolylamine in Different Solvents and Temperatures.	.30
Journal of Applied Bioanalysis	Shayma'a Hashim Abdulrahman	Density Functional Theory, Molecular Docking And ADMET Of Some Amino Fluorobenzyl Derivatives As Anti-Microbial Agents	.31
Bulletin of the Chemical Society of Ethiopia	Shayma'a Hashim Abdulrahman	Electrical conductance study of Schiff base in different solvents and temperatures: DFT calculation	.32
Rafidain Journal of Science	Salih Owid Abbood	Preparation, Characterization and Study of The Antifungal Activity of some New Thiazolidinones Compounds Derived from Benzilic Acid	.33



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Chemical problems	Saba Mumtaz Salih	Synthesis, Characterization And Thermal Stability Study of New Co(II), Cu(II)And Zn(II) Complexes Deviates from Schiff Base 4-(Dimethylamino)benzaldehyde	.34
Chemical problems	Saba Mumtaz Salih , Farah Tariq	Synthesis And Characterization of New Complex Salts of Some Transition Metals With Carbazolium And Phosphonium Salts	.35
Annals of the College of Medicine Mosul	Safaa Abdulazeez Taha	Biochemical Study of Omentin-1 in Breast Cancer Patients of Mosul City-Iraq	.36
College of Basic Education Researchers Journal	Sahbaa Ali Ahmed	Synthesis, Characterization and Antibacterial activity Evaluation of Some Complexes Derived From4-(4-(dimethyl amino) benzylidene) hydrazono) methyl)-2-methoxyphenol Ligand	.37
Bulletin of the Chemical Society of Ethiopia	Sahbaa Ali Ahmed	Design, synthesis, characterization, DFT, molecular docking, and in vitro screening of metal chelates incorporating Schiff base	.38
Bulletin of the Chemical Society of Ethiopia	Sahbaa Ali Ahmed, Fanar Mohammed	Design, characterizations, DFT, molecular docking and antibacterial studies of some complexes derived from 4-aminpantipyrene with glycine amino acid and ligand	.39



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Journal Name	Names of Researchers	Research Title	No.
NTU Journal of Pure Sciences	Doha Neithal Saad	Comparative Study on the Removal of Heavy Metal Ions from Wastewater with Adsorption Technique by Red Mud-Chitosan Composite: A Review	.40
International Scientific Congress of Pure, Applied and Technological Sciences	Doha Neithal Saad	Pre-Treatment of Green Grape Seeds to Remove the Cationic Dye from Aqueous Solution	.41
Desalination and Water Treatment	Doha Neithal Saad , Eman Ismael	Facil for synthesis super adsorbent from surface-charged bay leaves for elimination of malachite green dye from aquatic environment	.42
Journal of the Indian Chemical Society	Amer Thanoon Al-Taee, Salim Ali Mohammed, Basima Ahmed	Non-extractive Spectrophotometric Estimation of Indomethacin in Pharmaceuticals and Biological Fluids via Ion-Pair Complexes	.43
Analytical Chemistry Letters	Amer Thanoon Al-Taee, Salim Ali Mohammed, Basima Ahmed	Innovative spectrophotometric method for accurate assay of Lercanidipine hydrochloride in the tablet and biological fluids: Utilizing azo coupling with N-NED reagent	.44
Chinese Journal of Analytical Chemistry	Amer Thanoon Al-Taee, Salim Ali Mohammed, Basima Ahmed	Pioneering spectrophotometric analysis of cilnidipine via coupling with amino reagents: application to pharmaceuticals and biological fluids	.45



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Results in Chemistry	Amer Thanoon Al-Tae, Salim Ali Mohammed, Basima Ahmed	An innovative method for sensitive spectrophotometric estimation of doxorubicin hydrochloride in injections and biological fluids by complex formation with dysprosium	.46
Journal of Education and Science	Amer Thanoon Al-Tae, Mohammad qahtan hasan	Indirect Estimation of Free Prostatic Specific Antigen (FPSA) on Glassy Carbon Electrode Through its Interaction with Manganese Acetate Using Differential Pulse Voltammetric Technique	.47
Baghdad science journal	Amera Faris ,Israa Adnan	Synthesis, Dignosis AS Well as BiologicalActivity Studies of Some Megtal Ion Complexes of Sheiff Bases Derrived from 4-Aminoantipyrine	.48
Journal of Ecological Engineering	Abdelrahman Basil Fadhil	Optimized co-solvent methanolysis of mixed non-edible oils over nano solid base catalyst derived from egg shells	.49
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	Abdelrahman Basil Fadhil	Preparation of nano-magnetic activated biochar from Vicia faba Peel: application for Eriochrome Black T and Cr(VI) removal from aqueous phases	.50
Chemical Engineering and Processing - Process Intensification	Abdelrahman Basil Fadhil	Ultrasound-assisted adsorptive desulfurization of dibenzothiophene from model fuel on K ₂ CO ₃ -activated biochar	.51



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Sustainable Chemistry and Pharmacy	Abdelrahman Basil Fadhil, Amena Farouk al Omari	Pyrolysis of Quercus cerris kernels for the production of bio-oil and activated biochar for methylene blue adsorption from aqueous phase	.52
Comptes Rendus Chimie	Abdelrahman Basil Fadhil, Afyaa Muayad, Lana Abdalhameed ,Amenah Adnan Mohammed	Valorization of pinecone as a pyrolysis feedstock: identification of bio-oil and synthesis of activated biochar for Cr(VI) elimination from wastewater	.53
Journal of the Taiwan Institute of Chemical Engineers	Abdelrahman Basil Fadhil, Amena Farouk al Omari	Response surface methodology optimized co-pyrolysis of mixed date seeds and chicken bones for bio-oil production	.54
The Fourth International Conference on Social, Human and Pure Sciences	Adnan Othmanr, Mohammed Bahry Hasan, Afyaa Muayad	Synthesis and Biological Evaluation of Heterocyclic Compounds derived from Benzofuran Using Green Chemistry	.55
Journal of Physical Chemistry A	Ala Aldin Darghouth	Test of the Orbital-Based LI3 Index as a Predictor of the Height of the 3MLCT → 3MC Transition-State Barrier for [Ru(NAN)3]2+ Polypyridine Complexes in CH3CN	.56
Baghdad Science Journal	Ammar Hussein Abdullah	Synthesis and Characterization of Some New Pyrazole, Triazole, Oxadiazole, Thiazole, Thiadiazole Derivatives Bearing p-Toluenesulfonamide	.57



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Baghdad Science Journal	Ammar Hussein Abdullah Al-Sabawi	Synthesis of Some New Hydrazone-Hydrazone and Heterocyclic Compounds Thiophene, Imine, Coumarin and Pyrazole Derivatives	.58
Turkish Computational and Theoretical Chemistry	Ammar Abdulsattar Ibrahim	Dapsone With Amino Acids And Docking With Multiple Proteins As a Covid-19 Treatment: A Theoretical Study	.59
Bulletin of the Chemical Society of Ethiopia	Ammar Abdulsattar Ibrahim	Preparation and characterization of ionic liquids derived from imidazole with some transition elements and study of their thermal stability and thermodynamic parameters	.60
Indonesian Journal of Chemistry	Ammar Abdulsattar Ibrahim, khansaa shakr Al-nama	Structural Elucidation, Antioxidant Properties, and In Silico Molecular Docking of Schiff Base Complexes Derived from Naphthalene-1,8-diamine and Terephthalaldehyde	.61
Bulletin of the Chemical Society of Ethiopia	Ammar Abdulsattar Ibrahim	Evaluation of some hydrazone derivatives as inhibitors of colorectal cancer by molecular docking and the prediction of IC50 by quantum calculations	.62
Bulletin of the Chemical Society of Ethiopia	Ammar Abdulsattar Ibrahim, khansaa shakr Al-nama	Theoretical study of some drugs using quantum chemical, molecular docking and statistical analysis for determination of reduction potential	.63



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Journal of Bioscience and Applied Research	Fatima Abdul-hameed	Role of Homocysteine and water-soluble vitamins in Parkinson's disease: A case-control study in Iraq	.65
Journal of Electrochemical Science and Technology	Firas Ahmed Thanon	An Interface Heterogeneity Study on Carbon-based Materials using Scanning Electrochemical Microscopy and Scanning Electrochemical Cell Microscopy Techniques	.66
Bulletin of the Chemical Society of Ethiopia	Fanar Mohammed	Design, characterizations, DFT, molecular docking and antibacterial studies of some complexes derived from 4-aminantipyrene with glycine amino acid and ligand Aminoantipyrene	.67
NTU Journal of Pure Sciences	Fanar Mohammed	Thermodynamic and theoretical study of pantothenic acid in different solvents and temperatures	.68
Bulletin of the Chemical Society of Ethiopia	Fanar Mohammed	Thermodynamic study of pyridoxine in different solvents and temperatures: DFT study	.69
Rafidain Journal of Science	Luay Abed Al-Helaly	Enzymatic Study of Methionine Sulfoxide Reductase A, some other Enzymes Associated with Neural Pathways and Oxidative Stress in Down Syndrome Patients in Mosul City	.70



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Texila International Journal of Public Health	Luay Abed Al-Helaly	Estimation of Fucokinase and Serum Biochemical Markers in Menopause Women	.71
GEORGIAN MEDICAL NEWS	Luay Abed Al-Helaly	Hydrogen Sulfide and Cystathionine γ -Lyase Levels for Patients with Parkinson's Disease	.72
Rafidain Journal of Science	Luay Abed Al-Helaly	Role of Glutaredoxin-1 and some Oxidative Stress Enzymes in Acute Lymphocytic Leukemia Patients	.73
Egyptian Journal of Veterinary Sciences	Mohammed Bahry Hasan	Effect liposome Nanoparticles Loaded with Natural Products Isolated From Commiphora myrrh on Plasminogen Activator Inhibitor-1 in Mice Induced Aortic Atherosclerosis	.74
Medical Journal of Babylon	Mohammed Bahry Hasan	The Effect of Smoking on SIRT3 and Selected Biochemical Variables in Patients with Parkinson's Disease	.75
Samarra Journal of Pure and Applied Science	Nabil Sabeeh Othman	Metronidazole concentration measured spectrophotometrically using a diazotization and coupling reaction with 5-sulphosalicylic acid	.76
IUJAS	Nabil Sabeeh Othman	Spectrophotometric Determination of Tetracycline via Coupling with Diazotized m-Nitroaniline	.77
AIP	Nabil Sabeeh Othman ,Seimaa Mowafaq	indirect Spectrophotometric determination of Metronidazole	.78



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Rafidain Journal of Science	Nabil Sabeeh Othman , Amer Thanoon Al-Tae,	Determination of Procaine Hydrochloride by Two Spectrophotometric Methods in its Pharmaceutical Preparation and Human Blood Serum	.79
ARO-The Scientific Journal of Koya University	Nabil Sabeeh Othman, Amer Thanoon Al-Tae,	Dual Electrochemical Methods for Determination of Anesthetic Procaine: Square Wave Voltammetry and Differential Pulse Polarography	.80
Bull. Chem. Soc. Ethiop.	Amer , Nabil Sabeeh Othman Thanoon Al-Tae,	Spectrophotometric Determination Of Procaine Hydrochloride Using Oxidative Coupling and Cloud Point Extraction	.81
Pharmacia	Amer , Nabil Sabeeh Othman , Thanoon Al-Tae,	Green UV-spectrophotometric method for estimation of esomeprazole in injection dosage	.82
Samarra Journal of Pure and Applied Science	Nabil Sabeeh Othman, Abdelrahman Basil Fadhil Asmaa Natiq,	Friendly-Natural (Clay-Biochar) Composite for the Removal of Methylene Blue from Aqueous Phase	.83



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research journal of chemistry and environment	Hiba abd salam mohammed	A Simple Colorimetric Method for the Estimation of Metoclopramide Hydrochloride in Pharmaceuticals dosage	.84
Journal Technology	Hiba abd salam mohammed	Test of the Orbital-Based LI3 Index as a Predictor of the Height of the 3MLCT → 3MC Transition-State Barrier for [Ru(NAN)3]2+ Polypyridine Complexes in CH3CN	.85
BioMed Visions Journal	Hiba Farooq Mohamed Ameen	Top Ten Types of Childhood Cancer in Nine types of Childhood Cancer in Nineveh Governorate 2018–2022: A Time Series Analysis	.86
Iraqi National Journal of Chemistry	Hana Shuker Mahmood, Asaad Faisal Khattab	Study of the heavy metal content of cement and the possibility of reducing their concentrations in cement dust emitted from cement manufacturing plants in the city of Mosul	.87
NTU Journal of Pure Sciences	Haifaa Younis	Chemical synthesis and molecular Docking analysis for some novel heterocyclic compounds Derived from 1,2,3 benzotriazin-4-one	.88
The 14th International Scientific Conference on Pure, Applied, and Technological Sciences	Haifaa Younis, Tahani Waleed Jihad	Synthesis of new hydrazones derived from 2,4-dioxothiazolidine-5-yl-acetic acid	.89
Nanomedicine Research Journal	Wasan Khairallah Ali	Gestational diabetes and its effect on some biochemical parameters	.90