



### Published Articles of Chemistry Department Staff for 2024-2025

ت	Title	Authors names	Journal	Journal Classification	Published date
1	ZEOLITE FORMATION USING STRUCTURAL DIRECTING AGENT TO ENHANCE HEAVY NAPHTHA VIA REFORMING PROCESSES	Raghd Y. Ghazal , Ahmed G. S Al-Azzawi, Mohammed H. Ali	Chemical problems	Scopus	2025
2	USING WASTE PAPER AS A PROMISING FEEDSTOCK FOR BIO-ETHANOL FUEL PRODUCTION WITH CONSEQUENCE PURIFICATION USING DISTILLATION TECHNIQUE AND MOLECULAR SIEVE	M.R. Alsaayigh , Ahmed .G. Al-Azzawi	Chemical problems	Scopus	2025
3	Indirect Spectrofluorometric Determination of Trifluoperazine hydrochloride, Promethazine hydrochloride, Dimetindene Maleate in Pharmaceuticals by Ion Association Complex Formation with Phloxine B Dye	Rawaa A. Zakaria Elham S. Salih	College of Basic Education Research Journal,	محلي	2024
4	Synthesis and characterization of two novel pyrene-based conjugated polymers: Optical, electrochemical, morphological, and thermal properties	Omar M. Esmaeel , Ahmed Iraqi , Ahmed G.S. Al-Azzawi , Ivan B. Karomi , Bunian A. Shareef	Optical material	Scopus	2025
5	PREPARATION AND CHARACTERIZATION OF A MIXED CATALYST OF COBALT AND MOLYBDENUM CARRIED ON ALUMINUM OXIDE PREPARED FROM BENTONITE ORE	Qaidar Salim Jarjees <sup>1</sup> , Aws Nazar Abdlaziz <sup>1</sup> , Abbas Rafaa Qasim <sup>2*</sup> and Ammar Ahmed Hamdoon	Bull. Chem. Soc. Ethiop	Scopus	31/12/2024



2024	محلي	Samarra Journal of Pure and Applied Science	Sabreen M Saleh, Ahmed GS Al-Azzaw	Bioethanol production from the fermentation process using vegetable wastes as feedstock materials to produce ethanol-gasoline blends as improved fuel	6
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17-12-2024	Scopus	Biologica Studia	حمزة نامق حميد	EVALUATION OF FOLLICLE-STIMULATING HORMONE VERSUS ANTI-MÜLLERIAN HORMONE IN POLYCYSTIC OVARY SYNDROME: CLINICAL IMPLICATION	8
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2024 -12	Scopus	Bulletin of the Chemical Society of Ethiopia	Jarjees, Qaidar Salim ; Abdalaziz, Aws Nazar ; Qasim, Abbas Rafaa.; Hamdoon, Ammar Ahmed	PREPARATION AND CHARACTERIZATION OF A MIXED CATALYST OF COBALT AND MOLYBDENUM CARRIED ON ALUMINUM OXIDE PREPARED FROM BENTONITE ORE	16
16-9-2024	Scopus	Bull. Chem. Soc. Ethiop.	عمرة زهير حسين و دياسر شكيب محمد ود امال يونس رضا	Synthesis of substituted 2-amino oxazoles with their cobalt(II) and platinum(IV) complexes and evaluation of their biological activity	17
21-3-2025	Scopus	Bull. Chem. Soc. Ethiop.	انتصار عبدالله محمد ود امال يونس رضا ودانوار عبد الغني	SYNTHESIS, SPECTROSCOPIC STUDIES AND EVALUATION OF BIOLOGICAL ACTIVITY OF SOME SUBSISTUDED 1,2,4-TRIAZOLES AND THEIR COMPLEXES WITH Co(II), Ni(II) AND Zn(II) IONS	18
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6-12-2024	International	Bani Waleed University Journal of Humanities and Applied Sciences	ا.د.نشوان ابراهيم عبو و احمد علي صالح	Study of the effect of alcoholic extract of prickly pear fruit on the enzymes lipooxygenase and lipase purified from the blood serum of patients with atherosclerosis and in the blood serum of male rats with neo-atherosclerosis.	21
10/07/2024	Scopus	Desalination and Water Treatment	Mishal W. Ibrahim, Yasmina Khane, Younis Turki Mahmood, Axel Schulz, Hendrik Kosslick	Mesoporous aluminosilicate materials supported zinc oxide photocatalytic degradation of pharmaceutical pollutants	22
Sep 16, 2024	Scopus	Bull. Chem. Soc. Ethiop.	Abdallah. F. Al burgus, Omar T. Ali and Omar Y. Mohammad	SYNTHESIS AND IN VITRO SCREENING OF BENZO[h]COUMARINYL HETEROCYCLES AS PROMISING ANTIBACTERIAL AGENTS	23
3/12/2024	Scopus	Journal of the Serbian Chemical Society	HADIL S. AZIZ, INTISAR Q. M. AL-ARAJ* , LINDA R. ABDUL-RAHEEM, AND AMENA A. AHMED	Synthesis and biological evaluation of some new heterocyclic derivatives from substituted thiopyrimidine	24
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20/4/2024	Scopus	Baghdad science journal	د. محمد يحيى ضمرة	Spectrophotometric Determination of Some Adrenergic Drugs Using H <sub>2</sub> O <sub>2</sub> and Dichlorophenolindophenol	29
Sep-24	Local	مجلة سر من رأى	منفرد	الظاهرة القصصية في ديوان النار لا تلهمني غير دمي للشاعر عبد الوهاب اسماعيل	30
1/12/2024	Local	مجلة جامعة بني وليد للعلوم الانسانية والتطبيقية	فرح سمير صالح، عزام عبد الستار موسى ، رنا طالب الطائي ، سهير موفق صالح	Effect of Covid- 19 on kidney and liver function	31
1/12/2024	International	Minar international journal of Applied Sciences and Technology	رنا طالب الطائي ، عزام عبد الستار موسى ، فرح سمير صالح ، سهير موفق صالح	Some biochemical parameters in sera of Covid- 19 patients	32
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Apr-25	Scopus	Chemical Problems	Saeed, Noor H.M. ,Hasb, Alaa M.A.	CHLORINATION OF N-BENZOYL VALINE BY SODIUM N-CHLORO-PARA-TOLUENE SULFONYL AMIDE (CAT) HYDROCHLORIC ACIDIC: A KINETIC AND MECHANISM STUDY	38
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1/6/2024	International	Minar International Journal of applied Science and Technology	م.هبة عزيز محمد..ا.م.د.رنا رمزي عبد..م.د.رنا فاضل جاسم	Some metals complexes with Schiff base derived from 2-hydroxybenzhedrazide, Synthesis and characterization,antibacterial evaluation	40
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2/3/2025	Scopus	Chemical problems	ا.م.د عمر عبد الحي محمد ا.م.د محمد يحيى ضمرة	Oxidative coupling reaction for the spectrophotometric determination of furosemide using chlorpromazine hydrochloride as a reagent	43

