

البحوث المنشورة في مستوعات سكوبس وكلافيت في قسم الكيمياء للعام الدراسي 2023-2024

No.	Title	Authors	Journal name	Volume	Issue	Pages	Year	Index Scopus /Clarivate		Link
1	Synthesis, Corrosion Inhibition Efficiency in Acidic Media, and Quantum Chemical Studies of Some Hydrazine Derivatives	Huda Saleh Abood	Science and Technology Indonesia	9	1	137-147	2024	X		https://scientechindonesia.com/index.php/jsti/article/view/952
2	Curcumin analogue: Synthesis, DFT and nonlinear optical studies	Tahseen A. Alsalim, Kawkab Ali Hussein	Optik	306		171800	2024	X		https://www.sciencedirect.com/science/article/abs/pii/S0030402624001992?via%3Dihub
3	Studies of the nonlinear optical properties of a synthesized Schiff base ligand using visible cw laser beams	Kawkab Ali Hussein, Jasim M S Al Shawi	Physica Scripta	99	6	65525	2024	X	X	https://iopscience.iop.org/article/10.1088/1402-4896/ad42e8
4	Synthesis, characterization and nonlinear optical properties of new azo compound using CW laser beam	Kawkab Ali Hussein	Optical and Quantum Electronics	56		1056	2024	X	X	https://link.springer.com/article/10.1007/s11082-024-06985-5
5	Synthesis, Anticancer Activity, and Computational Studies of New Pyrazole Derivatives	Zainab Al-Shuhaib, Raed A. Alharis, Kawkab A. Hussein	Russian Journal of General Chemistry	94		719-728	2024	X	X	https://link.springer.com/article/10.1134/S107036322403023X
6	Synthesis and Molecular Docking Studies of New Tetrazole-acetamide Derivatives as Anti-cancer Agent	Hawraa Q. Manwar, Zainab Al-Shuhaib, Kawkab A. Hussein	Tropical Journal of Natural Product Research	8	8	8093-8100	2024	X		https://tjnpr.org/index.php/home/article/view/4602
7	Anti-Cancer Activity, DFT and molecular docking study of new BisThiazolidine amide	Ahmed A. Majed, Kawkab Hussein, Dawood S. Abid	Results in Chemistry	12		101835	2024	X	X	https://www.sciencedirect.com/science/article/pii/S2211715624005319?via%3Dihub
8	Novel Benzothiazole Derivatives: Synthesis, Anticancer Activity, Density Function Theory (DFT) Study, and ADMET Prediction	Kawkab Ali Hussein	Indonesian Journal of Chemistry	24	5	1514 - 1526	2024	X	X	https://journal.ugm.ac.id/ijc/article/view/95838
9	Synthesis, Biological Activity, and Computational Examination of New 3-Cyano-2-oxa-pyridine Derivatives	Kawkab A Hussein, Zainab Al-Shuhaib, Sadiq M. H. Ismael	Tropical Journal of Natural Product Research	7	11	5270-5278	2023	X		https://tjnpr.org/index.php/home/article/view/3044
10	Sonochemical-Promoted Multicomponent Synthesis of a New Amidoalkyl Naphthol Derivative Catalyzed by [(Msim)Cl] Ionic Liquid and Assessment of Its Nonlinear Optical Properties	Adil Muala Dhumad, Ahmed Majeed Jassem	ChemistrySelect	9	7	e202305072	2024	X	X	https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.202305072
11	Synthesis of a new cyclic amide derivative: Study its optical nonlinear properties and molecular docking	Adil Muala Dhumad, Dawood S. Abid	Optik	311		171917	2024	X		https://www.sciencedirect.com/science/article/abs/pii/S0030402624003164?via%3Dihub
12	A green ultrasound-promoted synthesis, experimental, theoretical, and nonlinear optical properties studies of benzylidenehydrazono thiazolidin 4-one derivative	Ahmed Majeed Jassem, Adil Muala Dhumad	Chemical Papers	78		1849-1861	2024	X	X	https://link.springer.com/article/10.1007/s11696-023-03210-7
13	Synthesis of a New Schiff Base: Nonlinear Optical Properties Investigations	Luma Taher Tuma Albaaj, Adil Muala Dhumad	Journal of Fluorescence				2024	X	X	https://link.springer.com/article/10.1007/s10895-024-03784-9
14	Synthesis, DFT, molecular docking and optical nonlinear studies of a new phthalimide derivative	Adil Muala Dhumad	Journal of Molecular Liquids	400		124437	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S0167732224004938?via%3Dihub
15	Isatin-indole hybrid molecule: A simple synthesis to design an efficient NLO material	Ahmed Majeed Jassem, Adil Muala Dhumad	Optical Materials	149		114983	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S0925346724001605?via%3Dihub

16	Synthesis, Characterization, Antibacterial, and Molecular Docking and Dynamics Studies of Novel 2-thioximidazolidin-4-one Analogue	Dakhil Zughayir Mutlaq, Ali A. A. Al-Shaw	Chemistry Africa	7		4193–4210	2024	X	X	https://link.springer.com/article/10.1007/s42250-024-01040-y
17	SCHIFF BASES AND THEIR POLYMER RESINS IN AQUEOUS SOLUTIONS: AN ANALYTICAL AND ADSORPTION EFFICIENCY STUDY	Luma T. Tuma Albaaj, Mohammed Q. Mohammed	ACTA CHEMICA IASI	32	1	55-72	2024		X	https://www.chem.uaic.ro/ro/acta-chemica/aci_vol_32_1_2024.html
18	A smartphone serves as a data logger for a fully automated lab-constructed microfluidic system	Maitham Najim Aboud	MethodsX	12		102584	2024	X	X	https://methods-x.com/article/S2215-0161(24)00038-4/fulltext
19	Design of a Lab built Fully Automated Microfluidic Fluorometric System for Fluorescent Dye Applications	Maitham Najim Aboud	Pakistan Journal of Analytical and Environmental Chemistry	25	1	13 –21	2024	X	X	https://test.piaec.pk/index.php/test/article/view/2/2
20	Exploring of new Poly(Thiourea-Amide) as a prospective bismarck Brown Y dye adsorbent: Synthesis via ultrasound irradiation, isotherms, kinetic, thermodynamic, and DFT studies	Ahmed M. Jassem	Journal of the Indian Chemical Society	101	10	101329	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S0019452224002097?via%3Dihub
21	Synthesis, molecular docking of new amide thiazolidine derived from isoniazid and studying their biological activity against cancer cells	Ahmed A. Majed, Dawood S. Abid	Journal of Biomolecular Structure and Dynamics			1 _ 12	2023	X	X	https://www.tandfonline.com/doi/full/10.1080/07391102.2023.2276313
22	Synthesis, molecular docking, and anti-breast cancer study of 1-H-indol-3-Carbohydrazide and their derivatives	Tahseen A. Alsalim, Ahmed A. Majed	Results in Chemistry	11		101762	2024	X	X	https://www.sciencedirect.com/science/article/pii/S2211715624004582?via%3Dihub
23	Synthesis, breast cancer activity, molecular docking and dynamic simulation of 1,4-Dihydropyridine derivatives	Ahmed A. Majed	Journal of Molecular Structure	1321	1	139704	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S0022286024022142?via%3Dihub
24	Synthesis and characterization of new surfactants and its application in treatment of W/O emulsions in heavy crude oil	Dawod S. Abid	Caspian Journal of Environmental Sciences	22	2	529-534	2024	X	X	https://cjes.guilan.ac.ir/article_7475.html
25	Preparation and identification of a novel 1,1'-(1,4-phenylenebis (methylene) bis (4-cyanopyridin-1-ium) bromide as a corrosion inhibitor for C1018 in highly acidic media	Dawood S. Abid	Inorganic Chemistry Communications	162		112189	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S1387700324001722?via%3Dihub
26	Synthesis of Azo-BE: nonlinear optical properties studies at visible, cw, laser beams	Uhood J. Al-Hamdani, T. A. Alsalim	Optical and Quantum Electronics	56		1276	2024	X	X	https://link.springer.com/article/10.1007/s11082-024-07190-0
27	Modified Sol-Gel Method of Synthesising a Mn4+-Doped Mg2TiO4: A Red Phosphor for Improved LED Performance	Dhia A. Hassan	Annales de Chimie - Science des Matériaux	48	1	11_16	2023	X	X	https://www.iieta.org/journals/acsm/paper/10.18280/acsm.480102
28	Phase Transformation and Photoluminescence Properties of MgTiO3:Mn4+ Synthesis by Modified Sol–Gel Method	Dhia A. Hassan	Chemistry Africa	7		1639–1648	2024	X	X	https://link.springer.com/article/10.1007/s42250-023-00845-7
29	The influence of temperature on structural and third order nonlinear properties of cadmium sulfide nanoparticle films prepared by chemical reaction method	Nadia A. Hussein Al-Assady	Materials Research Bulletin	170		112554	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S0025540823004099

30	Synthesis, DSC Properties, Surface Morphology and the Third-Order Behavior Studies of a Conducting Polymer	Nadia A. Hussein Al-Assady	Polymer Science, Series B	65		858–872	2024	X	X	https://link.springer.com/article/10.1134/S1560090423600237
31	Synthesis, spectral, and NLO studies of indol derivative bearing 1, 2, 4-triazole-3-thiol group	Tahseen A. Alsalim	Optical Materials	153		115582	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S0925346724007651?via%3Dihub
32	Curcumin Analogue Spectral, Nonlinear Optical Properties and All-optical Switching Using Visible, Low Power Cw Laser Beams	Tahseen A. Alsalim, Bahjat A. Saeed	Journal of Fluorescence				2023	X	X	https://link.springer.com/article/10.1007/s10895-023-03475-x
33	Synthesis, Characterization, and Photodegradation of 2-(2-Pyridal Azo) 1,8-Dihydroxynaphthalene Using ZnO Nanoparticles and Nanorods under Visible Light	Rafid AL-Asadi	J Nanostruct	13	4	933-938	2024	X	X	https://jns.kashanu.ac.ir/article_114017.html
34	Novel 4-nitroimidazole analogues: synthesis, in vitro biological evaluation, in silico studies, and molecular dynamics simulation	Bahjat A. Saeed	Zeitschrift für Naturforschung C	79	3_4		2024	X	X	https://www.degruyter.com/document/doi/10.1515/znc-2023-0146/html
35	Synthesis, Biological Evaluation and Molecular Docking Study of Novel Benzhydryl Piperazine-1,2,3-Triazolone Hybrids	Bahjat A. Saeed	ChemistrySelect	9	17	e202400813	2024	X	X	https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.202400813
36	Design, Synthesis, Docking Studies and Molecular Dynamics Simulation of New 1,3,5-Triazine Derivatives as Anticancer Agents Selectively Targeting Pancreatic Adenocarcinoma (Capan-1)	Bahjat A. Saeed	Chemistry and Biodiversity	21	5	e202400112	2024	X	X	https://onlinelibrary.wiley.com/doi/10.1002/cbdv.202400112
37	Synthesis, antiproliferative, antioxidant activities, in silico studies, DFT analysis and molecular dynamics simulation of novel 1-(4-chlorobenzhydryl) piperazine derivatives	Bahjat A. Saeed	Journal of Molecular Structure	1298	1	137028	2024	X	X	https://www.sciencedirect.com/science/article/abs/pii/S002228602302118X?via%3Dihub
38	Effect of organic corrosion inhibitors functional groups (azo and azomethine) on carbon steel N80 alloy corrosion using the electrochemical polarization technique	Adnan S. Abdulnabi	International Journal of Corrosion and Scale Inhibition	13	1	165–183	2024	X	X	https://ijcsi.pro/papers/effect-of-organic-corrosion-inhibitors-functional-groups-azo-and-azomethine-on-carbon-steel-n80-alloy-corrosion-using-the-electrochemical-polarization-technique/
39	Corrosion inhibitors for carbon steel N80 in an acidic medium by using the compound (E)-N-(benzo[d]thiazol-2-yl)-1-(2,3-dihydro-benzo[b][1,4]dioxin-6-yl)methanimine	Adnan S. Abdulnabi	International Journal of Corrosion and Scale Inhibition	13	2	1146–1163	2024	X	X	https://ijcsi.pro/papers/corrosion-inhibitors-for-carbon-steel-n80-in-an-acidic-medium-by-using-the-compound-e-n-benzodthiazol-2-yl-1-2-3-dihydrobenzob14dioxin-6-ylmethanimine/

البحوث العالمية المنشورة في قسم الكيمياء للعام الدراسي 2023-2024

No.	Title	Authors	Journal name	ISSN	Volume	Issue	Pages	Year	Link
1	Synthesis And Spectral Studies Of Some New Binuclear Thiocyanate Complexes Containing Schiff Base Ligands Derived From 3,4-Diaminotoluene	Mouayed Yousif Kadhum Dhia A. Hassan	Journal of Pharmaceutical Negative Results	Print -0976-9234 Online - 2229-7723	14	4	762-772	2023	https://www.pnrjournal.com/index.php/home/article/view/10637
2	Phytochemical Identification of Alkaloidic Compounds from Cinnamomum cassia Cortex and Estimation of their Antifungal Efficacy	Raneen Salim Swadi, Khansaa Saqr Saud, Abbas Dawwas Al-Maliki	European Journal of Advanced Chemistry Research	ISSN2684-4478	5	3	6-Jan	2024	https://www.ej-chem.org/index.php/ejchem/article/view/155
3	INVESTIGATE THE INHIBITION AGAINST BACTERIA BY USING SCHIFF BACE COMPLEXES	Jassim M.S. Alshaw	European Scholar Journal (ESJ)	2660-5562	5	7	47-57	2024	https://www.scholarzest.com/index.php/esj/article/view/4696
4	SYNTHESIS OF NEW AMIDES OF THIAZOLIDINE AND STUDYING THEIR BIOLOGICAL EFFECTIVENESS AGAINST CERVICAL CANCER AND BREAST CANCER IN HUMANS	Dawod S. Abid	European Scholar Journal (ESJ)	2660-5562	5	1	19-23	2024	https://scholarzest.com/index.php/esj/article/view/4210/3365
5	PREPARATION, DIAGNOSIS AND MEASUREMENT OF THE BIOLOGICAL ACTIVITY OF AZO COMPOUNDS	HasanainA.Abdullmajed, Mahmoud Shaker Hussein	European Scholar Journal (ESJ)	2660-5562	4	10	56-64	2023	https://scholarzest.com/index.php/esj/article/view/3957

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No.	Title	Authors	Journal name	Volume	Issue	Pages	Year	Link
1	Synthesis and characterization of some Schiff bases derived from orthophthalaldehyde and their bridged complexes with Co (II) and Ni (II) as corrosion inhibitors for carbon steel in acidic medium	Mouayed Yousif Kadhum	Journal of Basrah Researches (Sciences)	50	1	251-266	2024	https://jou.jobrs.edu.iq/index.php/home/article/view/160
2	Synthesis, thermodynamic and spectroscopic study of violurate salt	Sadiq M.H Ismael, Faeza Abdulkareem Almasha	Journal of Basrah Researches (Sciences)	50	1	203-212	2024	https://jou.jobrs.edu.iq/index.php/home/article/view/158
3	Synthesis, characterization and analytical study of new azo ligand driven from benzocaine and its metal complexes	Luma Taher Albaaj, Tariq A.Fahad	Journal of Kufa for Chemical Sciences	3	2	152-162	2024	https://journal.uokufa.edu.iq/index.php/jkcs/article/view/12600
4	Studies of spectroanalytical and the biological effectiveness of the Azo compound (J25) prepared from Ethyl p-aminobenzoate	Hasanain A. AbdullMajed, Sadiq M. Ismael	Journal of Basrah Researches (Sciences)	50	1	179-188	2024	https://doi.org/10.56714/bjrs.50.1.15
5	Effect of Adding Different Levels of Silver -Curcumin Nanoparticles on Some Productive Traits, Blood Parameters and Antioxidant Status of Broiler Chickens	Zainab T. Y. Al-Abdullah	Al-Muthanna J. For Agric Sci	10	2	1_9	2023	https://www.iasj.net/iasj/pdf/b6a4cc3a558b2fd4
6	الظواهر الإيقاعية في شعر سعدي يوسف	أسماء حسين علاوي طاهر	مجلة نسق	5	42	1027-1045	2024	https://nasaqiraq.com/volume-42-issue-5/