

البحوث العالمية المنشورة والمصنفة ضمن كلاريفيت وسكوبس في قسم الكيمياء – كلية التربية للعلوم الصرفة – جامعة البصرة للفترة 2015-2021

No.	Title	Authors	Journal name	Volume	Issue	Pages	Year	Index		Link
								Scopus	Clarivate	
1	Synthesis, Aromatase Inhibitory, Antiproliferative and Molecular Modeling Studies of Functionally Diverse D-Ring Pregnenolone Pyrazoles	Bahjat A. Saeed	Anti-Cancer Agents in Medicinal Chemistry	21	13	1671 - 1679	2021	x	x	https://www.eurekaselect.com/node/188350/article/synthesis-aromatase-inhibitory-antiproliferative-and-molecular-modeling-studies-of-functionally-diverse-d-ring-pregnenolone-pyrazoles
2	Synthesis, cytotoxicity and in silico study of some novel benzocoumarin-chalcone-bearing aryl ester derivatives and benzocoumarin-derived arylamide analogs	Bahjat A. Saeed	Zeitschrift für Naturforschung B	76	3	201–210	2021	x	x	https://www.degruyter.com/document/doi/10.1515/znb-2020-0204/html
3	Synthesis, anticancer activity and molecular docking studies of new 4-nitroimidazole derivatives	Bahjat A. Saeed	Arkivoc			296-309	2021	x	x	https://www.arkat-usa.org/arkivoc-journal/browse-arkivoc/ark.5550190.p011.4.79
4	New Mercurated and Tellurated Sulpha Compounds: Synthesis, Invitro Anticancer Study and DFT Calculation	Raed Alharis, Rafid H. Al-Asadi, Dhia A. Hassan	Egyptian Journal of Chemistry	64	10	5755-5764	2021	x	x	https://www.ejchem.journals.ekb.eg/article_173588.html
5	Design and Synthesis of New Curcuminoid Compounds and their Derivatives as Antioxidant Agents	Rehab Abood, Tahseen A. Alsalm	Egyptian Journal of Chemistry	64	4	2173-2183	2021	x	x	https://journals.ekb.eg/article_142913.html
6	Influence of different linkages on the mesomorphic properties of aromatic ring system liquid crystals	Uhood J. Al-Hamdani, Nezar L. Shihabaldain, Ahmed M. Jassem	Molecular Crystals and Liquid Crystals				2021	x	x	https://www.tandfonline.com/doi/full/10.1080/15421406.2021.1910898
7	A comparative study of the effect of organic dopant ions on the electrochemical and chemical synthesis of the conducting polymers polyaniline, poly(o-toluidine) and poly(o-methoxyaniline)	Mohammed Q. Mohammed	Chemical Papers	75		5087–5101	2021	x	x	https://link.springer.com/article/10.1007/s11696-020-01477-8

8	Dramatic Maturing Effects on All Inorganic CsPbBr ₃ Perovskite Solar Cells under Different Storage Conditions	Zainab T. Y. Alabdulla	The Journal of Physical Chemistry C	125	36	19642–19652	2021	x	x	https://pubs.acs.org/doi/10.1021/acs.jpcc.1c05714
9	Synthesis, mesomorphic properties, and theoretical study of benzothiazole-aromatic molecules with ester- and azomethine-linking groups	Uhood J Al-Hamdani, Ahmed M. Jassem, Adil M. Dhumad	Liquid Crystals				2021	x	x	https://www.tandfonline.com/doi/full/10.1080/02678292.2021.1934742
10	FeC19 cage vehicle for fluorouracil anticancer drug delivery: DFT approach	Adil Muala Dhumad	Journal of Molecular Liquids	333		115905	2021	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0167732221006322
11	Sythesis Of Novel 2-Thioxo-4-Imidazolidinone Derivatives And Evaluate Their Antibacterial, And Antifungal Activities	Dakhil Zughayir Mutalq, Ali A. A. Al-Shawi	Egyptian Journal of Chemistry	64	6	3059 - 3067	2021	x	x	https://ejchem.journals.ekb.eg/article_159610.html
12	Interacting Cubane Assisted Bi-Cytidine with COVID-19 Main Protease: In Silico Study	Adil Muala Dhumad	Biointerface Research in Applied Chemistry	11	6	13962 - 13967	2021	x	x	https://biointerfaceresearch.com/wp-content/uploads/2021/03/20695837116.1396213967.pdf
13	Synthesis, Characterization and Biological Activity and Anti-Oxidant Study of Some New Thiazolidine Derivatives Containing Oxadiazole	Dawood S. Abid	Annals of the Romanian Society for Cell Biology	25	2	11935-11945	2021	x		https://www.annalsofrscb.ro/index.php/journal/article/view/4048
14	In silico Approach on Ribavirin Inhibitors for COVID-19 Main Protease	Adil Muala Dhumad	Biointerface Research in Applied Chemistry	11	6	13924 - 13933	2021	x	x	https://biointerfaceresearch.com/wp-content/uploads/2021/03/20695837116.1392413933.pdf
15	Design, cytotoxic effects on breast cancer cell line (MDA-MB 231), and molecular docking of some maleimide-benzenesulfonamide derivatives	Adil M. Dhumad, Ahmed M. Jassem, Raed A. Alharis, Faeza A. Almashal	Journal of the Indian Chemical Society	98	4	100055	2021	x	x	https://www.sciencedirect.com/science/article/pii/S0019452221000558?via%3Dihub
16	Ultrasound-assisted synthesis and in vitro antimicrobial activity of novel 5-oxo-2-pyrrolidinecarboxamides and 7-oxo-2-azepanecarboxamides	Ahmed Majeed Jassem	Chemical Papers	75		3575–3586	2021	x	x	https://link.springer.com/article/10.1007/s11696-021-01603-0
17	Review on the “Biological Applications of Okra Polysaccharides and Prospective Research”	Ali A. A. Al-Shawi, Kawkab A. Hussein	Future Journal of Pharmaceutical Sciences	7		102 1-6	2021		x	https://fjps.springeropen.com/articles/10.1186/s43094-021-00244-0

18	Antioxidant and Antimicrobial Activities of Some Novel 2-Thiohydantoin Derivatives	Dakhil Zughayir Mutlaqa, Ali A. A. Al-Shawi	Egyptian Journal of Chemistry	64	3	1315 - 1321	2021	x	x	https://ejchem.journals.ekb.eg/article_126737.html
19	Synthesis, structural characterization and optical nonlinear properties of two azo- β -diketones	Adil Muala Dhumada, Tarek Fahad	Journal of Molecular Structure	1235		130196	2021	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0022286021003276?via%3Dihub
20	Synthesis, Antimicrobial Activity, Anti-HIV Activity, and Molecular Docking of Novel 5-, 6- and 7-Membered Ring (1H-Pyrrol-2-yl)aminolactams	Ahmed Majeed Jassem, Adil Muala Dhumad	ChemistrySelect	6	10	2641-2647	2021	x	x	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202004755
21	Gas Chromatography-Mass Spectrometry Analysis of Bioactive Compounds of Iraqi Truffle <i>Terfezia clavaryi</i> (Ascomycetes), Synthesis of Silver Nanoparticles, and Appraisal of Its Biological Activities	Ali A.A. Al-Shawi, Kawkab A. Hussein	International Journal of Medicinal Mushrooms	23	3	79 – 89	2021	x	x	http://www.dl.begellhouse.com/ru/journals/708ae68d64b17c52,106de03537ad1f8b,152f64e210281e4f.html
22	Preparation, Characterization of some Thiazolidine Derived from Penicillamine and their Antioxidants Activity	Dawood S. Abid, Sahera G. Sayyah	Annals of the Romanian Society for Cell Biology	25	1	4653 - 4663	2021	x		http://annalsofrscb.ro/index.php/journal/article/view/610
23	Synthesis and optical nonlinear properties performance of azonaphthol dye	Ahmed Majeed Jassem, Faeza A. Almashal	Physica Scripta	96	2	25503	2021		x	https://iopscience.iop.org/article/10.1088/1402-4896/abd1b2/meta
24	Nonlinear optical properties investigation of a newly synthesised Azo-(β)- diketone dye	Adil Muala Dhumad, Tarek Fahad	Journal of Photochemistry and Photobiology A: Chemistry	418		113429	2021	x	x	https://www.sciencedirect.com/science/article/abs/pii/S1010603021002987
25	A DFT approach on tioguanine: Exploring tio- tiol tautomers, frontier molecular orbitals, IR and UV spectra, and quadrupole coupling constants	Adil Muala Dhumad	Journal of Molecular Liquids	334		116018	2021	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0167732221007455?via%3Dihub
26	Antioxidant, antibacterial, and anticancer properties of Haloxylon salicornicum extracted by microwave-assisted extraction	Ali A.A Al-Shawi	Egyptian Pharmaceutical Journal	20	3	225-231	2021		x	https://www.epj.eg.net/article.asp?issn=1687-4315;year=2021;volume=20;issue=3;spage=225;epage=231;aulast=Yousif

27	Synthesis, characterization and the nonlinear optical properties of newly synthesized 4-((1,3-dioxo-1-phenylbutan-2-yl)diazenyl) benzenesulfonamide	Adil Muala Dhumad, Tarek Fahad	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	251		119487	2021	x	x	https://www.sciencedirect.com/science/article/abs/pii/S1386142521000639
28	Lab-Made Semi-Automated Microfluidic Flow Injection Spectrophotometric System for Determination of Nitrite in Natural Water	Kamil H. Al-Sowdani	Journal of Physics: Conference Series	1818		12050	2021	x		https://iopscience.iop.org/article/10.1088/1742-6596/1818/1/012050
29	1,3-Dipolar Cycloaddition: Free Catalytic Synthesis and Esophageal Cancer Activity of New 1,2,3-Triazole-Oxydianiline-Maleimide Hybrids	Mohammed K. Mohammed, Faeza A. Almashal, Ahmed M. Jassem	Egyptian Journal of Chemistry	64	1	47 - 53	2021	x	x	https://ejchem.journals.ekb.eg/article_103951.html
30	A New Comparison Between Ag-Nano Adsorbent and Walnut Shell Adsorbent	ZAINAB TAHA ALABDULLAH	Egyptian Journal of Chemistry	64	8	4017 - 4026	2021	x	x	https://journals.ekb.eg/article_163632.html
31	The optical nonlinear properties of a new synthesized azo-nitrone compound	Dakhil Zughayir Mutlaq	Optical Materials	113		110815	2021	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0925346721000161
32	Synthesis, In Vitro Anti-HIV Activity, Cytotoxicity, and Computational Studies of Some New Steroids and Their Pyrazoline and Oxime Analogues	Bahjat A. Saeed	Russian Journal of Bioorganic Chemistry	46		822–836	2020	x	x	https://link.springer.com/article/10.1134/S1068162020050039
33	Lab-Build Very Simplefluorimeterflow injectionsystem with Assistanceof 3D printer	K.H.Al- Sowdani	European Journal of Molecular & Clinical Medicine	7	2	3818-3827	2020	x		https://ejmcm.com/article_2595.html
34	Synthesis of New Drug-Like Piperazine-2,5-diones by the Ugi/Tandem Process Catalyzed by TMSOTf and Their Molecular Docking	Ahmed M. Jassem, Adil M. Dhumad, Faeza A. Almashal	Russian Journal of General Chemistry	90		2181–2188	2020	x	x	https://link.springer.com/article/10.1134/S1070363220110262
35	Synthesis and Analytical Characterization of Gold Nanoparticles using Microwave-Assisted Extraction System and Study their Application in Degradation	Zainab T Y Al-Abdullah, Ali A A AL-SHAWI, Maitham Najim Aboud	Journal of Nanostructures	10	4	682-690	2020	x	x	https://jns.kashanu.ac.ir/article_111294_14232.html

36	Enhanced Absorption Edge of Anchusa-Italica-Doped Pentacene towards Optoelectronic Applications	Dawod S. Abid	Materials Science Forum	1002		251-263	2020	x		https://www.scientific.net/M SF.1002.251
37	Antibacterial Activity of Sulfathiazole Schiff Bases β -Cyclodextrin Inclusion Complexes	JABBAR S. HADI	International Journal of Pharmaceutical Research	12	2	3996-4004	2020	x		http://ijpronline.com/ViewSpecialArticleDetail.aspx?ID=1142
38	Cytotoxicity of New Selenimine, Selenonitrone and Nitrone Derivatives Against Human Breast Cancer MDA-MB231 Cells	Ali A. A. Al -Shawi	Egyptian Journal of Chemistry	63	11	4607-4613	2020	x	x	https://ejchem.journals.ekb.eg/article_102657.html
39	Synthesis And Molecular Docking Of Some Amic Acid Targeting Breast Cancer	Adil Muala Dhumad, Rafid Al-Asadi, Ahmed Majeed Jassem	IOP Conference Series: Materials Science and Engineering	928		52022-1–52022-11	2020	x		https://iopscience.iop.org/article/10.1088/1757-899X/928/5/052022
40	Comparative electrochemical behavior of poly (3-aminobenzoic acid) films in conventional and non-conventional solvents	Mohammed Qasim Mohammed, Ahmed Majeed Jassem, Jassim M. S. Al-Shawi	AIP Conference Proceedings	2290	1	30029-1–30029-9	2020	x		https://aip.scitation.org/doi/abs/10.1063/5.0027520
41	Synthesis, characterization and cytotoxic activity study of Cu (II), Co (II), Mn (II), Ni (II) and Cr (III) Metal Complexes with new guanidine Schiff base against the hepatocellular Carcinoma (HCAM) cancer cell	Jasim Alshawi, Zainab A. M. Salih	Egyptian Journal of Chemistry	63	10	4005 - 4016	2020	x	x	https://ejchem.journals.ekb.eg/article_118140.html
42	Synthesis, characterization, antifungal activity and structure–activity relationships: study of some mono- and di-schiff bases	Hawraa K DHAIF	PERIÓDICO TCHÊ QUÍMICA	17	34	528-540	2020	x	x	http://www.deboni.he.com.br/arquivos_jornal/2020/34/552_P34.pdf
43	Biochemical action of glucose-6-phosphate dehydrogenase deficiency on some enzymes and trace elements of oxidative stress in favism patients in basrah governorate, iraq	Abbas Dawwas Al-Maliki	Biochemical and Cellular Archives	20	1	1723-1728	2020	x	x	http://www.connectjournals.com/toc2.php?abstract=3141101H_1723A.pdf&&bookmark=CJ-033216&&issue_id=01&&y aer=2020
44	Synthesis and Molecular Structure Study of New Organotellurium and Organomercury Compounds Based on 4-Bromonaphthalen-1-amine	Rafid Al-Asadi	Russian Journal of General Chemistry	90	9	1744–1749	2020	x	x	https://link.springer.com/article/10.1134/S1070363220090236

45	Assessment the Correlations of Hormones,Lipid Profiles, Oxidative Stress, and Zinc Concentration in Iraqi Women with Polycystic Ovary Syndrome	Ashwaq Shenta, Ali A A Al-Shawi	Reports of Biochemistry and Molecular Biology	9	3	270-277	2020	x	x	http://rbmb.net/article-1-511-en.html
46	The nonlinear optical properties of two dihydropyridones derived from curcumin	Bahjat A.Saeed	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	240		118622	2020	x	x	https://www.sciencedirect.com/science/article/abs/pii/S1386142520306016
47	The gamma radiation effect on the surface morphology and optical properties of alpha-methyl curcumin: PMMA film	Bahjat A.Saeed	Physica Scripta	95	4	45804	2020	x	x	https://iopscience.iop.org/article/10.1088/1402-4896/ab5ca0
48	One-bond 1J(15N,H) coupling constants at sp ² -hybridized nitrogen of Schiff bases, enamines and similar compounds: A theoretical study	Bahjat A.Saeed	MAGNETIC RESONANCE IN CHEMISTRY	58	8	750-762	2020	x	x	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/mrc.5052
49	Molecular Docking Studies of some Antiviral and Antimalarial Drugs Via Bindings to 3CL-Protease and Polymerase Enzymes of the Novel Coronavirus (SARSCoV-2)	Bahjat A.Saeed	Biointerface Research in Applied Chemistry	10	5	6444 - 6459	2020	x	x	https://biointerfaceresearch.com/wp-content/uploads/2020/05/2069583710564446459.pdf
50	A novel pregnene analogs: synthesis, cytotoxicity on prostate cancer of PC-3 and LNCaP-AI cells and in silico molecular docking study	Bahjat A.Saeed	Molecular Diversity	25		661–671	2020	x	x	https://link.springer.com/article/10.1007/s11030-020-10038-w
51	Quality enhancement of copper oxide thin film synthesized under elevated gravity acceleration by two-axis spin coating	Dhia A. Hassan	Ceramics International	46	6	7421-7429	2020	x	x	https://www.sciencedirect.com/science/article/pii/S0272884219334315
52	Direct synthesis of carbon nanotube aerogel using floating catalyst chemical vapor deposition: effect of gas flow rate	Hayder BaqerAbdullah	Chemical Papers	74		3359–3365	2020	x	x	https://link.springer.com/article/10.1007%2Fs11696-020-01166-6
53	Schiff Base Synthesis as a Capping Agent for Green Synthesized Silver Nanoparticles	Faeza A. Almashal, Zainab T. Al-abdullah, Ahmed M. Jassem	Egyptian Journal of Chemistry	63	3	813-821	2020	x	x	https://ejchem.journals.ekb.eg/article_41145.html
54	Utilization of waste engine oil for carbon nanotube aerogel production using floating catalyst chemical vapor deposition	Hayder BaqerAbdullah	Journal of Cleaner Production	261		121188	2020	x	x	https://www.sciencedirect.com/science/article/abs/pii/S095965262031235X?via%3Dihub

55	Microwave-assisted synthesis, molecular docking and anti-HIV activities of some drug-like quinolone derivatives	Ahmed M. Jassem, Adil M. Dhumad, Faeza A. Almashal, Jasim M. Alshawhi	Medicinal Chemistry Research	29		1067–1076	2020	x	x	https://link.springer.com/article/10.1007/s00044-020-02546-z
56	Solvent-Free Microwave Assisted Synthesis of Novel Pyrazole-Oxopyrrolidine and Pyrazole-Oxopiperidine Derivatives and Their Antimicrobial Activity	Ahmed M. Jassem, Faeza A. Almashal, Hadi A.S. Jaber	Russian Journal of General Chemistry	90		895–900	2020	x	x	https://link.springer.com/article/10.1134/S1070363220050230
57	Microwave-assisted green synthesis, antimicrobial activity, and drug-likeness of novel isoindolinone derivatives	Ahmed M. Jassem, Adil M. Dhumad	Monatshefte für Chemie	151		1433–1442	2020	x	x	https://link.springer.com/article/10.1007%2Fs00706-020-02661-y
58	A Click Synthesis, Molecular Docking, Cytotoxicity on Breast Cancer (MDA-MB 231) and Anti-HIV Activities of New 1,4-Disubstituted-1,2,3-Triazole Thymine Derivatives	Faeza A. Almashal, Ahmed M. Jassem	Russian Journal of Bioorganic Chemistry	46	3	360–370	2020	x	x	https://link.springer.com/article/10.1134/S1068162020030024
59	Designing and constructing a micro flow injection system (μ FIA) for phosphate determination in soft drinks	K Hussien Al-Sowdani	IOP Conference Series: Materials Science and Engineering	871		12032	2020	x		https://iopscience.iop.org/article/10.1088/1757-899X/871/1/012032
60	Investigations of Phytoconstituents, Antioxidant and Anti-Liver Cancer Activities of Sueda monoica Forssk Extracted by Microwave-Assisted Extraction	Ali A A Al-Shawi, Kawkab Ali Hussein	Asian Pacific Journal of Cancer Prevention	21	8	2349-2355	2020	x		http://journal.waocp.org/article_89227.html
61	A catalytic and green method for one-pot synthesis of new Hantzsch 1,4-dihydropyridines	Ahmed Majeed Jassem, Faeza A. Almashal, Mohammed Q. Mohammed, Hadi Abdal Samad Jabir	SN Applied Sciences	2	3	359	2020		x	https://link.springer.com/article/10.1007%2Fs42452-020-2165-x
62	Synthesis, Antibacterial Activity and DFT Calculations of Some Thiazolidine-4-Carboxylic acid Derivatives and Their Complexes with Cu(II), Fe(II) and VO(II)	Rafid Al-Asadi, Dawood S. Abid	Egyptian Journal of Chemistry	63	1	349-362	2020	x	x	https://ejchem.journals.ekb.eg/article_63516.html
63	Effect of proline treatment on the traits of vegetative growth and flowering of tomato plant	Hanan M. Ali	Plant Archives	20	1	2891-2895	2020	x		http://www.plantarchives.org/SPECIAL%20ISSUE%2020-1/2891-2895%20(172).pdf

64	Mercuration and Telluration of 2-Fluoro-5-nitroaniline: Synthesis, Antibacterial, and Computational Study	Rafid H. Al-Asadi, Mohammed K. Mohammed, Hawra K. Dhaef	Russian Journal of General Chemistry	90		703-709	2020	x	x	https://link.springer.com/article/10.1134/S1070363220040222
65	New azo-benzothiazole based liquid crystals: synthesis and study of the effect of lateral substituents on their liquid crystalline behaviour	Uhood J. Al-Hamdani	Liquid Crystals			1-11	2020	x	x	https://www.tandfonline.com/doi/full/10.1080/02678292.2020.1766134
66	Spectroscopic and thermal nonlinearity study of a Schiff base compound	Faeza A. Almashal, Mohammed Q. Mohammed, Adil M. Dhumad	Optical Materials	100		109703	2020	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0925346720300549
67	Application of the Cleavable Isocyanide in Efficient Approach to Pyroglutamic Acid Analogues with Potential Biological Activity	Ahmed M. Jassem, Faeza A. Almashal	Russian Journal of General Chemistry	89		2562–2570	2019	x	x	https://link.springer.com/article/10.1134/S1070363219120363
68	Using Mobile– iPhone as New Visible Colour Detector for Determination of Pharmaceutical (Potassium Permanganate)	Kamail Al-sowdani	Journal of Pharmaceutical Research International	32	1	13-17	2020		x	http://www.journalipri.com/index.php/JPRI/article/view/30389
69	Strong Intramolecular Hydrogen Bonds and steric Effects involving C=S groups. An NMR and Computational Study	Bahjat A.Saeed	Magnetic Resonance in Chemistry	58	2	154-162	2020	x	x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mrc.4959
70	Phytochemical Analysis and Anticancer Evaluation of Iraqi Herb Chenopodium Murale Extracted by Microwave-assisted Extraction	Ali A. A. Al-Shawi	International Medical Journal	25	1	313-320	2020	x		https://www.seronijihou.com/article/phytochemical-analysis-and-anticancer-evaluation-of-iraqi-herb-chenopodium-murale-extracted-by-microwave-assisted-extraction
71	Preparation, characterization, and study of the nonlinear optical properties of a new prepared nanoparticles copolymer	Mahmoud Sh. Hussain	Modern Physics Letters B	33	36	1-17	2019	x	x	https://www.worldscientific.com/doi/abs/10.1142/S0217984919504566

72	Study of adduct compounds between oxovanadium complexes VO(IV) and some biological relevance using FTIR technique	Ahmed Majeed Jassem, Mohammed Q. Mohammed, Raed Aubed Alharis, Hadi Abdalsamad Jabir	Chemical Papers	7		1087-1102	2020	x	x	https://link.springer.com/article/10.1007%2Fs11696-019-00949-w
73	Synthesis, DFT Calculation and Biological Activity of Some Organotellurium Compounds Containing Azomethine Group	Rafid Humaidan Al-Asadi	Orbital: The Electronic Journal of Chemistry	11	7	402-410	2019	x	x	http://www.orbital.ufms.br/index.php/Chemistry/article/view/1211
74	Lab – Built semi- automated Stop – flow System for Spectrophotometric Determination of Nitrite in Different water Samples	Kamail Al-Sowdany	Journal of Physics: Conference Series	1294	72010	1-7	2019	x		https://iopscience.iop.org/article/10.1088/1742-6596/1294/7/072010
75	Highly Diastereoselective Metal-Free Catalytic Synthesis of Drug-Like Spiroimidazolidinone	Ahmed M. Jassem, Hadi A. Jaber	Russian Journal of Organic Chemistry	55	10	1598–1603	2019	x	x	https://link.springer.com/article/10.1134/S107042801910021X
76	Understanding electronic effects on carboxylate-assisted C–H activation at ruthenium: the importance of kinetic and thermodynamic control	Raed A. Alharis	Faraday Discussions	220		386-403	2019	x	x	https://pubs.rsc.org/en/content/articlelanding/2019/fd/c9fd00063a/unauth#!divAbstract
77	DNA Binding three Azo Dyes as new Antibiotics	Hanan M. Ali	IOP Conference Series: Materials Science and Engineering	571	12102	1-6	2019	x		https://iopscience.iop.org/article/10.1088/1757-899X/571/1/012102
78	Intramolecular Hydrogen Bonds in Normal and Sterically Compressed o-Hydroxy Aromatic Aldehydes. Isotope Effects on Chemical Shifts and Hydrogen Bond Strength	Bahjat A. Saeed	Molecules	24	24	4533-1–4533-15	2019	x	x	https://www.mdpi.com/1420-3049/24/24/4533
79	Neurada procumbens promotes functions regain in a mouse model of mechanically induced sciatic nerve injury	Ali Al-Shawi	Pakistan Journal of Pharmaceutical Sciences	32	4	1761-1766	2019	x	x	http://www.pjps.pk/wp-content/uploads/pdfs/32/4/Supplementary/3-SUP-1124.pdf
80	Synthesis and mechanism perspectives of a carbon nanotube aerogel via a floating catalyst chemical vapour deposition method	HAYDER BAQER ABDULLAH	Bulletin of Materials Science	42	5	1-15	2019	x	x	https://link.springer.com/article/10.1007%2Fs12034-019-1924-z

81	Formation and temporal evolution of diffraction ring patterns in a newly prepared dihydropyridone	Bahjat A.Saeed	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	223		117297-117308	2019	x	x	https://www.sciencedirect.com/science/article/pii/S1386142519306870
82	Symmetrical and asymmetrical liquid crystal dimers: synthesis, characterisation and mesomorphic behaviour	Uhood J. Al-Hamdani	Liquid Crystals	46	15	2291-2300	2019	x	x	https://www.tandfonline.com/doi/abs/10.1080/02678292.2019.1626925?journalCode=tlct20
83	Lab-Built Semi-automated Stop-Flow System for Spectrophotometric Phosphate Determination in different water samples	Kamail Al-Sowdany	Research Journal of Pharmacy and Technology	12	4	1731-1734	2019	x		http://rjptonline.org/AbstractView.aspx?PID=2019-12-4-44
84	The Importance of Kinetic and Thermodynamic Control when Assessing Mechanisms of Carboxylate-Assisted C–H Activation	Raed A. Alharis	Journal of The American Chemical Society	141	22	8896–8906	2019	x	x	https://pubs.acs.org/doi/10.1021/jacs.9b02073
85	New Longquan Celadon Technology to Reduce Environmental Pollution	Dhia A. Hassan	The Journal of The Minerals, Metals & Materials Society	71	3	1016-1023	2019	x	x	https://link.springer.com/article/10.1007/s11837-018-3246-9
86	Synthesis and characterisation of polyaniline and/or MoO ₂ /graphite composites from deep eutectic solvents via chemical polymerisation	Mohammed Q. Mohammed	Journal of Polymer Research	26	3	65	2019	x	x	https://link.springer.com/article/10.1007/s10965-019-1732-6#citeas
87	Thermal nonlinearities for three curcuminoids measured by diffraction ring patterns and Z-scan under visible CW laser illumination	Bahjat A. Saeed	Optics & Laser Technology	107		131-141	2018	x	x	https://www.sciencedirect.com/science/article/pii/S0030399218300926
88	Far-field diffraction patterns and optical limiting properties of bisdemethoxycurcumin solution under CW laser illumination	Bahjat A. Saeed	Optical Materials	85		500-509	2018	x	x	https://www.sciencedirect.com/science/article/pii/S0925346718306426
89	Synthesis, surface profile, nonlinear reflective index and photophysical properties of curcumin compound	Bahjat A. Saeed	Journal of Materials Science: Materials in Electronics	29	13	10890–10903	2018	x	x	https://link.springer.com/article/10.1007%2Fs10854-018-9167-0
90	Synthesis and conformational analysis of new arylated-diphenylurea derivatives related to sorafenib drug via Suzuki-Miyaura cross-coupling reaction	Bahjat A. Saeed	Journal of Molecular Structure	1146		522-529	2017	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0022286017308074
91	New chalcones and thiopyrimidine analogues derived from mefenamic acid: microwave-assisted synthesis, anti-HIV activity and cytotoxicity as antileukemic agents	Bahjat A. Saeed	Zeitschrift für Naturforschung B	72	4	249-256	2017	x	x	https://www.degruyter.com/view/j/znb.2017.72.issue-4/znb-2016-0223/znb-2016-0223.xml

92	A novel series of 1, 4-Dihydropyridine (DHP) derivatives bearing thiazolidin-4-one: From synthesis to structure	Tahseen A. Alsalm	Journal of Molecular Structure	1138		136-148	2017	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0022286017302648
93	Hydrocarbon Sources for the Carbon Nanotubes Production by Chemical Vapour Deposition: A Review	Hayder Baqer Abdullah	Pertanika Journal of Science & Technology	25	2	379 - 396	2017	x	x	http://www.pertanika.upm.edu.my/view_archives.php?journal=JST-25-2-4
94	Intramolecular epoxide ring opening cyclisation reactions involving guanidines	Zainab Al Shuhaib	Tetrahedron	73	7	845-852	2017	x	x	https://www.sciencedirect.com/science/article/pii/S004040201631362X
95	NMR, MP2, and DFT study of thiophenoxyketenimines (o-thio-Schiff bases): Determination of the preferred form	Bahjat A. Saeed	Magnetic Resonance in Chemistry	56	3	172-182	2017	x	x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mrc.4677
96	Synthesis and CYP17 α hydroxylase inhibition activity of new 3 α - and 3 β -ester derivatives of pregnenolone and related ether analogues	Bahjat A. Saeed	Medicinal Chemistry Research	25	2	310-321	2016	x	x	https://link.springer.com/article/10.1007/s00044-015-1480-z
97	Modulation of P-glycoprotein activity by novel synthetic curcumin derivatives in sensitive and multidrug-resistant T-cell acute lymphoblastic leukemia cell lines	Tahseen A. Alsalm Bahjat A. Saeed	Toxicology and applied pharmacology	305		216-233	2016	x	x	https://www.sciencedirect.com/science/article/pii/S0041008X16301363
98	Role of synthesis method and α , β -Sr(2-x)SiO ₄ : xEu ²⁺ phases on the photoluminescent properties of Sr(1-x)Si ₂ O ₂ N ₂ : xEu ²⁺ phosphors	Dhia A. Hassan	Materials Research Bulletin	83		468-473	2016	x	x	https://www.sciencedirect.com/science/article/pii/S0025540816302720
99	Lu ₃ Al ₅ O ₁₂ :Ce@SiO ₂ phosphor-in-glass: Its facile synthesis, reduced thermal/chemical degradation and application in high-power white LEDs	Dhia A. Hassan	Journal of the European Ceramic Society	36	8	2017-2025	2016	x	x	https://www.sciencedirect.com/science/article/abs/pii/S0955221916300073
100	Synthesis and photoluminescent properties of Sr(1-x)Si ₂ O ₂ N ₂ : xEu ²⁺ phosphor prepared by polymer metal complex method for WLEDs applications	Dhia A. Hassan	Materials Research Bulletin	79		69-72	2016	x	x	https://www.sciencedirect.com/science/article/pii/S0025540816300484
101	Metal-based biologically active azoles and β -lactams derived from sulfa drugs	Jabbar S. Hadi	Bioorganic & Medicinal Chemistry	24	5	1121-1131	2016	x	x	https://www.sciencedirect.com/science/article/pii/S0968089616300414
102	Synthesis of wax esters and related trehalose esters from Mycobacterium avium and other mycobacteria	Hanan M Ali	Tetrahedron	72	27-28	3863-3876	2016	x	x	https://www.sciencedirect.com/science/article/pii/S0040402016303751
103	The synthesis of single enantiomers of trans-alkene containing mycolic acids and related sugar esters	Hanan M Ali	Tetrahedron	72	45	7143-7158	2016	x	x	https://www.sciencedirect.com/science/article/pii/S0040402016308845

104	Analogues of Marine Guanidine Alkaloids Are in Vitro Effective against Trypanosoma cruzi and Selectively Eliminate Leishmania (L.) infantum Intracellular Amastigotes	Zainab Al Shuhaib	Journal of natural products	79	9	2202-2210	2016	x	x	https://pubs.acs.org/doi/abs/10.1021/acs.jnatprod.6b00256
105	Quantitative Structure-activity Relationships (QSAR) and Docking Studies on Pyrimidine Derivatives for Antitubercular Activity against M. tuberculosis H37Rv	Sadiq M-H. Ismael, Kawkab A. Hussain	British Journal of Pharmaceutical Research/Journal of Pharmaceutical Research International	13	1	1-11	2016	x		http://www.sciencedomain.org/abstract/16043
106	A new pregnenolone analogues as privileged scaffolds in inhibition of CYP17 hydroxylase enzyme. Synthesis and in silico molecular docking study	Bahjat A. Saeed	Steroids	100		52-59	2015	x	x	https://www.sciencedirect.com/science/article/pii/S0039128X15001361
107	Sr1.98Eu0.02SiO4 luminescence whisker based on vapor-phase deposition: Facile synthesis, uniform morphology and enhanced luminescence properties	Dhia A. Hassan	Materials Research Bulletin	71		106-110	2015	x	x	https://www.sciencedirect.com/science/article/pii/S0025540815300295
108	Use a Quantum Chemical to Study the Correlation between Intrinsic Viscosity of Polypropylene in three solvents and structure properties	Sadiq M-H. Ismael Kawkab A. Hussain	International Journal of ChemTech Research	8	10	361-366	2015		x	http://sphinxssai.com/2015/ch_vol8_no10/2/(361-366)V8N10CT.pdf
109	New biaryl-chalcone derivatives of pregnenolone via Suzuki–Miyauracross-coupling reaction. Synthesis, CYP17 hydroxylase inhibition activity, QSAR, and molecular docking study	Bahjat A. Saeed	Steroids	101		43-50	2015	x	x	https://www.sciencedirect.com/science/article/pii/S0039128X15001750