

# Ahmed F Darweesh

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

651  
citations

623188

14  
h-index

610482

24  
g-index

44  
all docs

44  
docs citations

44  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular docking simulation and anticancer assessment on human breast carcinoma cell line using novel bis(1,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile) and bis(1,4-dihydropyrazolo[4 <sup>h</sup> ,3 <sup>h</sup> :5,6]pyrano[2,3-b]pyridine-6-carbonitrile) derivatives. <i>Bioorganic Chemistry</i> , 2017, 71, 19-29.	2.0	60
2	Synthesis, characterization and antitumor activity of novel tetrapodal 1,4-dihydropyridines: p53 induction, cell cycle arrest and low damage effect on normal cells induced by genotoxic factor H <sub>2</sub> O <sub>2</sub> . <i>RSC Advances</i> , 2016, 6, 40900-40910.	1.7	46
3	Microwave Assisted Green Multicomponent Synthesis of Novel bis(2-amino-4-tetrahydro-3H-chromene-3-carbonitrile) Derivatives Using Chitosan as Eco-friendly 1.4 Basic Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 305-312.	1.4	43
4	Experimental and theoretical study on the regioselective bis- and polyalkylation of 2-mercaptopyrimidin-5-carbonitrile and 2-mercaptopyrimidine-5-carbonitrile derivatives. <i>Tetrahedron</i> , 2017, 73, 1436-1450.	1.0	39
5	Synthesis and characterization of poly(2,6-dimethyl-4-phenyl-1,4-dihydropyridinyl)arenes as novel multi-armed molecules. <i>Tetrahedron Letters</i> , 2015, 56, 7085-7088.	0.7	37
6	Regioselective synthesis and theoretical studies of novel bis(tetrahydro[1,2,4]triazolo[5,1-b]quinazolin-8(4H)-ones) catalyzed by ZnO nanoparticles. <i>Monatshefte für Chemie</i> , 2017, 148, 2107-2122.	0.9	37
7	2-Bromo-1-(1H-pyrazol-4-yl)ethanone: Versatile Precursor for Novel Mono- and Bis[pyrazolylthiazoles]. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 226-234.	1.4	35
8	Synthesis of novel pyrazolo[3,4-d]pyridazine, pyrido[1,2-a]benzimidazole, pyrimido[1,2-a]benzimidazole and triazolo[4,3-a]pyrimidine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1739-1744.	1.4	27
9	2-Bromo-1-(1H-pyrazol-4-yl)ethanone: versatile precursors for novel mono-, bis- and poly{6-(1H-pyrazol-4-yl)-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazines}. <i>Tetrahedron</i> , 2016, 72, 712-719.	1.0	22
10	Microwave-Assisted Synthesis of Bis(enaminoketones): Versatile Precursors for Novel Bis(pyrazoles) via Regioselective 1,3-Dipolar Cycloaddition with Nitrileimines. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1120-1125.	1.4	18
11	Mirror Symmetry Breaking and Network Formation in Achiral Polycatenars with Thioether Tail. <i>Chemistry - A European Journal</i> , 2021, 27, 14921-14930.	1.7	17
12	A Convenient Synthesis of Pyrazole-Substituted Heterocycles. <i>Journal of Chemical Research</i> , 2010, 34, 8-11.	0.6	16
13	A novel nano-palladium complex anode for formic acid electro-oxidation. <i>Electrochimica Acta</i> , 2016, 215, 334-338.	2.6	16
14	Synthesis and Structures of Novel Multi-armed Molecules Involving Benzene as a Core and 4-Phenylthiazole, 4-Pyrazolylthiazole, or Thiadiazole Units as Arms. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 586-595.	1.4	16
15	Synthesis of Novel Bis(thiazolylchromene) Derivatives Linked to Alkyl Spacer via Phenoxy Group. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2342-2348.	1.4	16
16	2-Mercapto-4,6-disubstituted nicotinonitriles: versatile precursors for novel mono- and bis[thienopyridines]. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 525-543.	1.0	14
17	Synthesis of novel scaffolds based on thiazole or triazolothiadiazine linked to benzofuran or benzo[thiazole]thiazole moieties as new hybrid molecules. <i>Synthetic Communications</i> , 2020, 50, 256-270.	1.1	14
18	Mizoroki-Heck cross-couplings of 2-acetyl-5-bromobenzofuran and aryl halides under microwave irradiation. <i>Arkivoc</i> , 2010, 2010, 208-225.	0.3	14

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19	Efficient, microwave-mediated synthesis of benzothiazole- and benzimidazole-based heterocycles. <i>Research on Chemical Intermediates</i> , 2016, 42, 4341-4358.	1.3	13
20	Synthesis of novel bis- and poly(aryldiazenylthiazoles). <i>Synthetic Communications</i> , 2019, 49, 2319-2329.	1.1	13
21	Azobenzene-based supramolecular liquid crystals: The role of core fluorination. <i>Journal of Molecular Liquids</i> , 2020, 310, 113252.	2.3	13
22	Synthesis and DFT calculations of 2-thioxo-1,2-dihydropyridine-3-carbonitrile as versatile precursors for novel pharmacophoric hybrid molecules. <i>Journal of Molecular Structure</i> , 2019, 1176, 19-30.	1.8	12
23	Design, synthesis, docking study, and anticancer evaluation of novel bis-thiazole derivatives linked to benzofuran or benzothiazole moieties as PI3k inhibitors and apoptosis inducers. <i>Journal of Molecular Structure</i> , 2022, 1265, 133454.	1.8	12
24	Investigation of the reactivity of (1 <i>H</i> -benzo[ <i>d</i> ]imidazol-2-yl)acetonitrile and (benzo[ <i>d</i> ]thiazol-2-yl)acetonitrile as precursors for novel bis(benzo[4,5]imidazo[1,2- <i>a</i> ]pyridines) and bis(benzo[4,5]thiazolo[3,2- <i>a</i> ]pyridines). <i>Synthetic Communications</i> , 2020, 50, 2531-2544.	1.1	11
25	<i>p</i> -TSA Catalyzed One-Pot Synthesis of Some Novel Bis(Hexahydroacridine-1,8-Diones) and Bis(Tetrahydrodipyrzolo[3,4- <i>b</i> ]:4,3- <i>e</i> ]Pyridines) Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1392-1405.	1.4	10
26	Hantzsch one-pot multicomponent synthesis of a novel series of bis(9,10-diarylhexahydroacridine-1,8-diones). <i>Synthetic Communications</i> , 2021, 51, 2695-2712.	1.1	10
27	Green synthesis of novel bis(hexahydro-1 <i>H</i> -xanthene-1,8(2 <i>H</i> )-diones) employing <i>p</i> -toluenesulfonic acid ( <i>p</i> -TSA) as a solid acid catalyst. <i>Synthetic Communications</i> , 2021, 51, 471-484.	1.1	9
28	Facile Access to Biaryls and 2-Acetyl-5-arylbenzofurans via Suzuki Coupling in Water under Thermal and Microwave Conditions. <i>Synthesis</i> , 2010, 2010, 3163-3173.	1.2	8
29	Synthesis of novel bis- and poly(hydrazinylthiazole) linked to benzofuran or benzothiazole as new hybrid molecules. <i>Arkivoc</i> , 2020, 2019, 73-88.	0.3	8
30	Microwave promoted Heck and Suzuki coupling reactions of new 3-(5-bromobenzofuranyl)pyrazole in aqueous media. <i>Arkivoc</i> , 2018, 2018, 348-358.	0.3	7
31	Synthesis of Novel Benzimidazole and Benzothiazole Derivatives. <i>Heterocycles</i> , 2014, 89, 113.	0.4	6
32	Bis(aldehydes): Versatile precursors for novel bis (14 <i>H</i> -dibenzo[ <i>a</i> , <i>j</i> ]xanthenes), bis (pyrano[3,2- <i>c</i> :5,6- <i>e</i> ]Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50) of Heterocyclic Chemistry, 2021, 58, 315-328.	1.4	6
33	An efficient synthesis of the guaiane sesquiterpene ( $\hat{\alpha}$ )-isoguaiene by domino metathesis. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 858-862.	1.3	5
34	Synthesis of New 2-(4-(1,4-Dihydropyridin-4-yl)Phenoxy)- <i>N</i> -Arylacetamides and Their Heterocyclic-Fused Derivatives via Hantzsch-Like Reaction. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 1974-1986.	1.4	5
35	Synthesis of Novel Bis (Sulfanediyl) Bis (Tetrahydropyrimido[4,5- <i>b</i> ]) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) Aromatic Compounds, 2023, 43, 4084-4102.	1.4	5
36	Synthesis of Novel Thiazole and 1,3,4-Thiadiazole Derivatives Incorporating Phenylsulfonyl Moiety. <i>Heterocycles</i> , 2014, 89, 1827.	0.4	3

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37	An expedient synthesis of novel bis[thienopyridines] linked to arene or heteroarene core as novel hybrid molecules. <i>Arkivoc</i> , 2020, 2020, 312-329.	0.3	3
38	Novel bis(benzothiazole-oxime)-based Pd(II)-complex: synthesis, characterization, quantum chemical calculations, and catalytic significance in Suzuki–Miyaura and Heck–Mizoroki cross coupling reactions. <i>Monatshefte für Chemie</i> , 2016, 147, 1197-1205.	0.9	2
39	2019, 252-266.	0.3	2
40	Alkoxide-Directed Hydride Addition to $\alpha,\beta$ -Unsaturated Sultones. <i>Heterocycles</i> , 2016, 93, 723.	0.4	1