

Sherif M H Sanad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of various pyrazole-fused heterocyclic systems using pyrazole-4-carbaldehydes as versatile precursors. <i>Arkivoc</i> , 2022, 2021, 42-74.	0.3	12
2	Potential bacterial biofilm, MRSA, and DHFR inhibitors based on new morpholine-linked chromene-thiazole hybrids: One-pot synthesis and in silico study. <i>Journal of Molecular Structure</i> , 2022, 1248, 131476.	1.8	18
3	Effective synthesis of new benzo-fused macrocyclic and thiamacrocyclic dilactams and related pyrazolo-fused macrocycles. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 286-296.	1.4	4
4	Effective synthesis of new benzo-fused macrocyclic and heteromacrocyclic bis(Schiff bases). <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1711-1722.	1.2	6
5	3-Aminopyrazolo[3,4-b]pyridine: Effective Precursor for Barium Hydroxide-Mediated Three Components Synthesis of New Mono- and Bis(pyrimidines) with Potential Cytotoxic Activity. <i>Chemistry and Biodiversity</i> , 2022, 19, e2100500.	1.0	22
6	New piperazine-based bis(thieno[2,3-b]pyridine) and bis(pyrazolo[3,4-b]pyridine) hybrids linked to benzofuran units: Synthesis and in vitro screening of potential acetylcholinesterase inhibitors. <i>Synthetic Communications</i> , 2022, 52, 912-925.	1.1	11
7	Green one-pot synthesis and in vitro antibacterial screening of pyrano[2,3-c]pyrazoles, 4-H-chromenes and pyrazolo[1,5-a]pyrimidines using biocatalyzed pepsin. <i>Synthetic Communications</i> , 2022, 52, 1139-1154.	1.1	16
8	Synthesis, antibacterial activity and in silico study of new bis(1,3,4-oxadiazoles). <i>Synthetic Communications</i> , 2022, 52, 1421-1440.	1.1	7
9	New bis(pyrazolo[3,4-b]pyridines) and bis(thieno[2,3-b]pyridines) as potential acetylcholinesterase inhibitors: synthesis, in vitro and SwissADME prediction study. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 4457-4471.	1.2	7
10	Synthesis, Characterization, and Antimicrobial Evaluation of Novel Thiohydrazonates and Pyrazolo[3,4-b]pyridines. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 936-949.	1.4	22
11	Novel nicotinonitrile-coumarin hybrids as potential acetylcholinesterase inhibitors: design, synthesis, in vitro and in silico studies. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 213-224.	1.2	30
12	Efficient synthesis and characterization of novel bis(chromenes) and bis(benzo[<i>f</i>]chromenes) linked to thiazole units. <i>Synthetic Communications</i> , 2021, 51, 611-624.	1.1	21
13	Pyrazole-carboxaldehydes as versatile precursors for different pyrazole-substituted heterocyclic systems. <i>Arkivoc</i> , 2021, 2021, 162-235.	0.3	7
14	Hantzsch synthesis of bis(pyrido[2,3-d:6,5-d']dipyrimidines), bis(pyrimido[4,5-b]quinolines), and bis(benzo[4,5]imidazo[2,1-b]quinazolines) linked to pyrazole units as novel hybrid molecules. <i>Synthetic Communications</i> , 2021, 51, 1899-1912.	1.1	10
15	Pyridine-2-thiones: Versatile precursors for one-pot synthesis of new nicotinonitrile-thiazole hybrids. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1461-1471.	1.4	14
16	New thieno[2,3-b]pyridine-fused [1,2,4]triazolo[4,3-a]pyrimidinone hybrids as potential MRSA and VRE inhibitors. <i>Mendeleev Communications</i> , 2021, 31, 370-372.	0.6	3
17	New thieno[2,3-b]pyridine-fused [1,2,4]triazolo[4,3-a]pyrimidinone hybrids as potential MRSA and VRE inhibitors. <i>Mendeleev Communications</i> , 2021, 31, 370-372.	0.6	18
18	3-Aminothieno[2,3-b]pyridine-2-carboxylate: Effective precursor for microwave-assisted three components synthesis of new pyrido[3,2-d]thieno[3,2-d]pyrimidin-4-one hybrids. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1825-1835.	1.4	13

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19	New thiazole and thiazole-chromene hybrids possessing morpholine units: Piperazine-mediated one-pot synthesis of potential acetylcholinesterase inhibitors. <i>Synthetic Communications</i> , 2021, 51, 3332-3344.	1.1	23
20	Regioselective synthesis and theoretical calculations of Bis(pyrido[2,3,4]pyrazolo[1,5-a]pyrimidines) linked to benzofuran units via piperazine spacer: A DFT, MM2, and MMFF94 study. <i>Journal of Molecular Structure</i> , 2021, 1243, 130802.	1.8	18
21	Bis(benzofuran-enaminone) hybrid possessing piperazine linker: Versatile precursor for microwave assisted synthesis of bis(pyrido[2',3':3,4]pyrazolo[1,5-a]pyrimidines). <i>Synthetic Communications</i> , 2021, 51, 1085-1099.	1.1	18
22	New pyrido[3,2,4,5]thieno[3,2-d]pyrimidin-4(3H)-one hybrids linked to arene units: synthesis of potential MRSA, VRE, and COX-2 inhibitors. <i>Canadian Journal of Chemistry</i> , 2021, 99, 900-909.	0.6	19
23	Synthesis and antibacterial evaluation of new pyrido[3',2':4,5]thieno[3,2-d]pyrimidin-4(3H)-one hybrids linked to different heteroarene units. <i>Mendeleev Communications</i> , 2021, 31, 862-864.	0.6	15
24	Efficient synthesis and molecular docking of novel antibacterial pyrimidines and their related fused heterocyclic derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 590-605.	1.4	28
25	Novel bis(pyrazole-benzofuran) hybrids possessing piperazine linker: Synthesis of potent bacterial biofilm and MurB inhibitors. <i>Bioorganic Chemistry</i> , 2020, 102, 104094.	2.0	44
26	Efficient synthesis and characterization of novel bis-heterocyclic derivatives and benzo-fused macrocycles containing oxazolone or imidazolone subunits. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3930-3942.	1.4	11
27	Novel Nicotinonitriles and Thieno[2,3-b]pyridines as Potent Biofilm and COX-2 Inhibitors: Synthesis, In Vitro and In Silico Studies. <i>ChemistrySelect</i> , 2020, 5, 8494-8503.	0.7	19
28	Synthesis and in vitro study of new coumarin derivatives linked to nicotinonitrile moieties as potential acetylcholinesterase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 4278-4290.	1.4	19
29	Synthesis and antibacterial evaluation of novel mono- and bis(2H-chromen-2-imine) hybrids linked to heteroarene units. <i>Mendeleev Communications</i> , 2020, 30, 762-764.	0.6	13
30	Hantzsch synthesis of bis(1,4-dihydropyridines) and bis(tetrahydropyrazolo[3,4-b]pyridines) linked to pyrazole units as novel hybrid molecules. <i>Synthetic Communications</i> , 2020, 50, 1982-1992.	1.1	10
31	Piperazine-mediated tandem synthesis of bis(thieno[2,3-b]pyridines): Versatile precursors for related fused [1,2,4]triazolo[4,3-a]pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3142-3152.	1.4	16
32	Synthesis, cytotoxicity, in-vitro antibacterial screening and in-silico study of novel thieno[2,3-b]pyridines as potential pim-1 inhibitors. <i>Synthetic Communications</i> , 2020, 50, 2376-2389.	1.1	33
33	Facile synthesis and characterization of novel benzo-fused macrocyclic dicarbonitriles and pyrazolo-fused macrocycles containing thiazole subunits. <i>Synthetic Communications</i> , 2020, 50, 796-804.	1.1	17
34	Synthesis, in-vitro antibacterial and anticancer screening of novel nicotinonitrile-coumarin hybrids utilizing piperazine citrate. <i>Synthetic Communications</i> , 2020, 50, 1468-1485.	1.1	34
35	Synthesis, cytotoxicity and in vitro antibacterial screening of novel hydrazones bearing thienopyridine moiety as potent COX-2 inhibitors. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 3299-3315.	1.2	25
36	Synthesis, in-vitro and in-silico study of novel thiazoles as potent antibacterial agents and MurB inhibitors. <i>Archiv Der Pharmazie</i> , 2020, 353, e1900309.	2.1	38

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37	Pyridine-2(1H)-thiones: Versatile Precursors for Novel Pyrazolo[3,4-b]pyridine, Thieno[2,3-b]pyridines, and Their Fused Azines. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 651-662.	1.4	19
38	Microwave Assisted Three Component One-pot Synthesis of Bis(aminoazolo[1,5-a]pyrimidines) and Bis(aminoazino[1,2-a]benzimidazoles) Bearing Thiazole Moiety. <i>ChemistrySelect</i> , 2019, 4, 9710-9715.	0.7	8
39	Synthesis of novel bis(chromenes) and bis(chromeno[3,4-c]pyridine) incorporating piperazine moiety. <i>Synthetic Communications</i> , 2019, 49, 1385-1395.	1.1	29
40	Microwave Assisted Synthesis of Novel Bis(thiazoles) Incorporating Piperazine Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1560-1566.	1.4	22
41	Utility of Pyridine-2(1H)-thiones in the Synthesis of Novel Bis-thieno[2,3-b]pyridines and Their Fused Azines. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1588-1597.	1.4	18
42	Regioselective synthesis of novel antibacterial pyrazole-benzofuran hybrids: 2D NMR spectroscopy studies and molecular docking. <i>Journal of Molecular Structure</i> , 2019, 1188, 214-226.	1.8	33
43	Bis(2-cyanoacetamides): versatile precursors for bis(dihydropyridine-3,5-dicarbonitriles). <i>Arkivoc</i> , 2019, 2018, 39-49.	0.3	12
44	Synthesis and characterization of novel bis(pyridine-2(1H)-thiones) and their bis(2-methylsulfanylpyridines) incorporating 2,6-dibromophenoxy moiety. <i>Canadian Journal of Chemistry</i> , 2019, 97, 53-60.	0.6	17
45	Facile synthesis and characterization of novel bis(2-s-alkylpyridines) and bis(3-aminothieno[2,3-b]pyridines) incorporating 1,3-diarylpyrazole moiety. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 388-401.	1.0	16
46	Enaminone Incorporating a Dibromobenzofuran Moiety: Versatile Precursor for Novel Azines and Azolotriazines. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 836-843.	1.4	18
47	Efficient Synthesis and Characterization of Novel Pyrido[3,2-d:4,5]thieno[3,2-c]pyrimidines and Their Fused [1,2,4]triazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2823-2833.	1.4	23
48	Synthesis of Novel Bis[(5-cyanopyridin-6-yl)sulfanyl]butanes, Bis(2-s-alkylpyridines), and Bis(3-aminothieno[2,3-b]pyridines) Incorporating 2,6-Dibromophenoxy Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2046-2054.	1.4	17
49	Facile synthesis and characterization of novel pyrido[3,2-d:4,5]thieno[3,2-c]pyrimidin-4(3H)-one and pyrido[2,3:3,4]pyrazolo[1,5-a]pyrimidine incorporating 1,3-diarylpyrazole moiety. <i>Synthetic Communications</i> , 2018, 48, 1847-1856.	1.1	22
50	Microwave Assisted Multi-Component Synthesis of Novel Bis(1,4-dihydropyridines) Based Arenes or Heteroarenes. <i>Heterocycles</i> , 2016, 92, 910.	0.4	37
51	Tandem synthesis and antibacterial screening of novel thieno[2,3-b]thiophene-linked bis(thiazole) hybrids. <i>Synthetic Communications</i> , 0, 1-12.	1.1	5