

# Ahmed H M Elwahy

## List of Publications by Year in descending order

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164  
papers

3,006  
citations

126907

33  
h-index

254184

43  
g-index

190  
all docs

190  
docs citations

190  
times ranked

1576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of fused heterocycles by metal-mediated [2+2+2] cyclotrimerization of alkynes and/or nitriles. <i>Tetrahedron</i> , 2011, 67, 6095-6130.	1.9	129
2	Isolation and characterization of chitosan from different local insects in Egypt. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 871-877.	7.5	124
3	Synthesis of New Benzo-substituted Macrocyclic Ligands Containing Pyridine or Triazole as Subcyclic Units. <i>Tetrahedron</i> , 2000, 56, 885-895.	1.9	65
4	Molecular docking simulation and anticancer assessment on human breast carcinoma cell line using novel bis(1,4-dihydropyrano[2,3- <i>c</i> ]pyrazole-5-carbonitrile) and bis(1,4-dihydropyrazolo[4- <i>ε</i> ,3- <i>ε</i> :5,6]pyrano[2,3- <i>b</i> ]pyridine-6-carbonitrile) derivatives. <i>Bioorganic Chemistry</i> , 2017, 71, 19-29.	4.1	60
5	Synthesis of New Benzo-substituted Macrocyclic Ligands Containing Quinoxaline Subunits. <i>Tetrahedron</i> , 2000, 56, 897-907.	1.9	54
6	Synthesis of <i>N</i> -pivot lariat ethers. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1-65.	2.6	51
7	Synthesis and Anti-influenza Virus Activity of Novel bis(4 <i>H</i> -chromene-3-carbonitrile) Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1854-1862.	2.6	47
8	Synthesis of heterocyclic compounds via Michael and Hantzsch reactions. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1476-1523.	2.6	47
9	Syntheses of mono-, di- and triethynylazulenes. <i>Tetrahedron Letters</i> , 2000, 41, 2855-2858.	1.4	46
10	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 $H_{2}O_{2}$ . <i>RSC Advances</i> , 2016, 6, 40900-40910.	3.6	46
11	Microwave Assisted Green Multicomponent Synthesis of Novel bis(2-amino-tetrahydro-4 <i>H</i> -chromene-3-carbonitrile) Derivatives Using Chitosan as Eco-friendly Basic Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 305-312.	2.6	43
12	Multicomponent Synthesis of Novel bis(2-amino-tetrahydro-4 <i>H</i> -chromene-3-carbonitrile) Derivatives Linked to Arene or Heteroarene Cores. <i>Current Organic Synthesis</i> , 2016, 13, 601-610.	1.3	43
13	Bis(±-bromo ketones): Versatile Precursors for Novel Bis(triazolo[3,4- <i>b</i> ][1,3,4]thiadiazines) and Bis(as-triazino[3,4- <i>b</i> ][1,3,4]thiadiazines). <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 640-645.	2.6	42
14	New trends in the chemistry of condensed heteromacrocycles Part A: Condensed azacrown ethers and azathiacrown ethers. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 1-23.	2.6	41
15	Novel 2-cyanoacrylamido-4,5,6,7-tetrahydrobenzo[ <i>b</i> ]thiophene derivatives as potent anticancer agents. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000069.	4.1	41
16	Synthesis of heterocycles and fused heterocycles catalyzed by nanomaterials. <i>RSC Advances</i> , 2015, 5, 75659-75710.	3.6	40
17	Enhanced antibacterial activity of Egyptian local insects' chitosan-based nanoparticles loaded with ciprofloxacin-HCl. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 262-272.	7.5	40
18	Experimental and theoretical study on the regioselective bis- and polyalkylation of 2-mercaptocotinonitrile and 2-mercaptopyrimidine-5-carbonitrile derivatives. <i>Tetrahedron</i> , 2017, 73, 1436-1450.	1.9	39

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19	DNA Fragmentation, Cell Cycle Arrest, and Docking Study of Novel Bis Spiro-cyclic 2-oxindole of Pymido[4,5-b]quinoline-4,6-dione Derivatives Against Breast Carcinoma. <i>Current Cancer Drug Targets</i> , 2018, 18, 372-381.	1.6	39
20	Bis(2-Difunctional) Compounds: Versatile Starting Materials for Novel Bis(Heterocycles). <i>Synthetic Communications</i> , 2000, 30, 2903-2921.	2.1	38
21	Synthesis of novel amide-crownphanes and Schiff base-crownphanes based on 1,2,6-trisubstituted naphthalene, 2,6-naphthalene, and 9,10-anthracene. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 656-663.	2.6	38
22	Efficient Synthesis of a Range of Benzo-Substituted Macrocyclic Diamides. <i>Synthesis</i> , 1993, 1993, 503-508.	2.3	37
23	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.	1.4	37
24	Microwave Assisted Multi-Component Synthesis of Novel Bis(1,4-dihydropyridines) Based Arenes or Heteroarenes. <i>Heterocycles</i> , 2016, 92, 910.	0.7	37
25	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.	1.8	37
26	Design, Synthesis, In silico and In Vitro Anticancer Activity of Novel Bis(Furanyl)Chalcone Derivatives Linked through Alkyl Spacers. <i>ChemistrySelect</i> , 2021, 6, 6202-6211.	1.5	37
27	Synthesis of Oxazolo-, Thiazolo-, Pyrazolo-, and Imidazo-Fused Heterocycles by Multi-Component Reactions (Part 2). <i>Current Organic Synthesis</i> , 2014, 11, 471-525.	1.3	37
28	Ethynylazulenes as Building Blocks for Novel Oligoazulenes with Ethynyl and Butadiynyl Bridges. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 791-802.	2.4	36
29	Facile One-pot, Three-component Synthesis of Novel Bis-heterocycles Incorporating 5-Hydroxychromeno[2,3-b]pyridine-carbonitrile Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2844-2849.	2.6	36
30	Novel bis(dihydropyrano[3,2-b]chromenes): Synthesis, Antiproliferative Effect and Molecular Docking Simulation. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 498-507.	2.6	36
31	New synthesis of macrocyclic crown-formazans from pyruvic acid derivatives. <i>Tetrahedron</i> , 1994, 50, 11489-11498.	1.9	35
32	Synthesis of Trifluoromethyl-Substituted Fused Bicyclic Heterocycles and their Corresponding Benzo-Fused Analogues. <i>Current Organic Synthesis</i> , 2010, 7, 433-454.	1.3	35
33	2-Bromo-1-(1-H-pyrazol-4-yl)ethanone: Versatile Precursor for Novel Mono- and Bis[pyrazolthiazoles]. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 226-234.	2.6	35
34	ZnO-Nanoparticles-Catalyzed Synthesis of Poly(tetrahydrobenzimidazo[2,1-b]quinazolin-1(2H)-ones) as Novel Multi-armed Molecules. <i>Synlett</i> , 2018, 29, 1627-1633.	1.8	34
35	Thienopyrimidines: Synthesis, Reactions, and Biological Activity. <i>Advances in Heterocyclic Chemistry</i> , 1996, , 235-281.	1.7	33
36	Metal mediated cyclooligomerization of mono- and diazulenyneethynes. <i>Tetrahedron Letters</i> , 2000, 41, 2859-2862.	1.4	32

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37	Synthesis of Novel Benzo- $\epsilon$ -substituted Macrocyclic Ligands Containing Thienothiophene Subunits. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E34.	2.6	32
38	3,4-Bis(bromomethyl)thieno[2,3- <i>b</i> ]thiophene: Versatile Precursors for Novel Bis(triazolothiadiazines), Bis(quinoxalines), Bis(dihydrooxadiazoles), and Bis(dihydrothiadiazoles). <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1113-1120.	2.6	32
39	New Bis(dihydropyridine- $\epsilon$ ,5- $\epsilon$ -dicarbonitrile) Derivatives: Green Synthesis and Cytotoxic Activity Evaluation. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2670-2677.	2.6	32
40	Difunctional Heterocycles: a Convenient Synthesis of Bis(4,5-dihydropyrazolyl) Ethers from their Precursor Bis(chalcones). <i>Journal of Chemical Research Synopses</i> , 1999, , 602-603.	0.3	29
41	New trends in the chemistry of condensed heteromacrocycles part B: Macrocyclic formazans. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 135-149.	2.6	28
42	Synthesis of Furo-, Pyrrolo-, and Thieno-Fused Heterocycles by Multi-Component Reactions (Part) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i>	1.3	28
43	Evaluation of some new 14- and 15-crown-formazans as carriers in cesium ion selective electrodes1. <i>Talanta</i> , 1998, 47, 1215-1222.	5.5	27
44	Biological Activities and Docking Studies on Novel Bis 1,4-DHPS Linked to Arene Core via Ether or Ester Linkage. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 1036-1045.	0.7	27
45	Synthesis of Pyrido- and Pyrimido-Fused Heterocycles by Multi-Component Reactions (Part 3). <i>Current Organic Synthesis</i> , 2014, 11, 835-873.	1.3	24
46	Molecular Studies on Novel Antitumor Bis 1,4-Dihydropyridine Derivatives Against Lung Carcinoma and their Limited Side Effects on Normal Melanocytes. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 2156-2168.	1.7	24
47	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- <i>b</i> ][1,3,4]thiadiazines}. <i>Tetrahedron</i> , 2016, 72, 712-719.	1.9	22
48	Synthesis of novel benzo- $\epsilon$ -substituted macrocyclic schiff bases containing two triazole rings. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 1475-1484.	2.6	20
49	Synthesis of $\epsilon$ -pivot lariat ethers. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1035-1079.	2.6	19
50	An overview on synthetic strategies for the construction of star-shaped molecules. <i>RSC Advances</i> , 2019, 9, 16606-16682.	3.6	19
51	Salicylaldehyde Derivatives as Building Blocks in the Synthesis of Useful Open Chain and Macrocyclic Crown Compounds. <i>Journal of Chemical Research Synopses</i> , 1998, , 548-549.	0.3	18
52	Microwave-Assisted Synthesis of Bis(enaminoketones): Versatile Precursors for Novel Bis(pyrazoles) $\epsilon$ -Regioselective 1,3-Dipolar Cycloaddition with Nitrileimines. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1120-1125.	2.6	18
53	Synthesis of Heterocycles Catalyzed by Iron Oxide Nanoparticles. <i>Heterocycles</i> , 2017, 94, 595.	0.7	18
54	Fluorescein dye derivatives and their nanohybrids: Synthesis, characterization and antimicrobial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 421-433.	3.8	17

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55	Synthesis, reactions and DFT calculations of novel bis(chalcones) linked to a thienothiophene core through an oxyphenyl bridge. <i>RSC Advances</i> , 2016, 6, 10949-10961.	3.6	17
56	Facile synthesis and characterization of novel benzo-fused macrocyclic dicyanitriles and pyrazolo-fused macrocycles containing thiazole subunits. <i>Synthetic Communications</i> , 2020, 50, 796-804.	2.1	17
57	Bis(indoline-2,3-diones): versatile precursors for novel bis(2',6'-dimethyl-2-oxo-1'H-spiro[indoline-3,4'-pyridine]-3',5'-dicyanitrile) derivatives. <i>Arkivoc</i> , 2016, 2016, 304-312.	0.5	17
58	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.	2.6	16
59	Synthesis of Novel Bis(thiazolylchromene) Derivatives Linked to Alkyl Spacer <i>via</i> Phenoxy Group. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2342-2348.	2.6	16
60	Facile one-pot, three-component synthesis of novel bis(heterocycles) incorporating thieno[2,3- <i>b</i> ]thiophenes via Michael addition reaction. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2243-2255.	2.6	16
61	Seventeen new 14- and 15-crown-formazans: their synthesis and evaluation in spectrophotometric determination of lithium. <i>Talanta</i> , 1998, 47, 1199-1213.	5.5	15
62	A new approach for the design of novel hexa-host molecules. <i>Tetrahedron Letters</i> , 2001, 42, 5123-5126.	1.4	15
63	Synthesis of chromophoric bisazocrowndilactams. <i>Heteroatom Chemistry</i> , 1995, 6, 183-187.	0.7	14
64	Synthetic Approaches towards New Bisformazans and Bisverdazyls. <i>Journal of Chemical Research Synopses</i> , 1998, , 184-185.	0.3	14
65	Synthesis of novel benzene bridged polyalkynylazulenes. <i>Tetrahedron Letters</i> , 2000, 41, 4079-4083.	1.4	14
66	New $\pi$ -systems from 1-ethynylazulene. <i>Tetrahedron Letters</i> , 2002, 43, 711-714.	1.4	14
67	1,3-Bis(formylphenoxy)alkane: versatile precursors for novel bis-dihydropyridine derivatives. <i>Monatshefte für Chemie</i> , 2016, 147, 1227-1232.	1.8	14
68	Bis(indoline-2,3-diones): versatile precursors for novel bis(spirooxindoles) incorporating 4H-chromene-3-carbonitrile and pyrano[2,3- <i>d</i> ]pyrimidine-6-carbonitrile derivatives. <i>Turkish Journal of Chemistry</i> , 2017, 41, 410-419.	1.2	14
69	2-Mercapto-4,6-disubstituted nicotinonitriles: versatile precursors for novel mono- and bis[thienopyridines]. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 525-543.	2.0	14
70	Synthesis of novel scaffolds based on thiazole or triazolothiadiazine linked to benzofuran or benzo[ <i>d</i> ]thiazole moieties as new hybrid molecules. <i>Synthetic Communications</i> , 2020, 50, 256-270.	2.1	14
71	Synthesis and DTF studies of novel aminoimidazodipyridines using 2-(3H-imidazo[4,5- <i>b</i> ]pyridin-2-yl)acetonitrile as an efficient key precursor. <i>Arkivoc</i> , 2021, 2021, 23-37.	0.5	14
72	Facile synthesis and antimicrobial activity of <i>bis</i> (fused 4H-pyrans) incorporating piperazine as novel hybrid molecules: Michael's addition approach. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 1907-1926.	2.6	14

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73	Bis(2-bromo ketones): Versatile Precursors for Novel Bis(1,2,4-triazolo[3,4-b][1,3,4]thiadiazines) and Bis(thiazoles). <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1421-1428.	2.6	13
74	Synthesis of novel bis- and poly(aryldiazenylthiazoles). <i>Synthetic Communications</i> , 2019, 49, 2319-2329.	2.1	13
75	Synthesis, Cytotoxicity and Molecular Docking Simulation of Novel bis-1,4-Dihydropyridines Linked to Aliphatic or Arene Core via Amide or Ester-Amide Linkages. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 801-816.	2.4	13
76	Synthesis and Anticancer Activities of Novel Bis-chalcones Incorporating the 1,3-diphenyl-1H-pyrazole Moiety: In Silico and In Vitro Studies. <i>Letters in Drug Design and Discovery</i> , 2022, 19, 1007-1021.	0.7	13
77	Chitosan Schiff bases-based polyelectrolyte complexes with graphene quantum dots and their prospective biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 1029-1045.	7.5	13
78	Synthesis of New 14- and 15-Crown-Formazans and their Evaluation in Spectrophotometric Determination of Lithium. <i>Supramolecular Chemistry</i> , 1998, 9, 5-12.	1.2	12
79	3-Allylsalicylaldehyde and 3-Allylsalicylic Acid Derivatives: Synthesis and Conversion to Allyl-crown Compounds as New Potential Precursors for Polymer Supported Crown Compounds. <i>Journal of Chemical Research Synopses</i> , 1999, , 522-523.	0.3	12
80	Difunctional Heterocycles: A Convenient Synthesis of bis(pyridinyl-2,3-dihydrooxadiazolyl)benzenes. <i>Journal of Chemical Research</i> , 2001, 2001, 175-178.	1.3	12
81	Unexpected Synthesis of Novel Condensed Heteromacrocycles. <i>Synthesis</i> , 2002, 2002, 0260.	2.3	12
82	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.	3.6	12
83	Bis(2-cyanoacetamides): versatile precursors for bis(dihydropyridine-3,5-dicarbonitriles). <i>Arkivoc</i> , 2019, 2018, 39-49.	0.5	12
84	Novel far UV-Vis absorbing bis(dihydrophenanthro[9,10-e][1,2,4]triazine) derivative dyes: Synthesis, optical, photophysical and solvatochromic properties. <i>Journal of Molecular Structure</i> , 2020, 1206, 127690.	3.6	12
85	Synthesis and in vitro evaluation of novel tetralin-pyrazolo[3,4-b]pyridine hybrids as potential anticancer agents. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 182-196.	2.6	12
86	Synthesis, characterization, DFT and TD-DFT study of novel bis(5,6-diphenyl-1,2,4-triazines). <i>Journal of Molecular Structure</i> , 2021, 1226, 129345.	3.6	12
87	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.	3.6	12
88	Stereospecific synthesis of 6,7-dihydro-5H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazines. <i>Heteroatom Chemistry</i> , 1994, 5, 321-325.	0.7	11
89	Synthesis of novel macrocyclic di- and tetralactams containing triazole subunits. <i>Heteroatom Chemistry</i> , 2003, 14, 551-559.	0.7	11
90	A facile and efficient synthetic approach to novel lariat macrocyclic diamides and bis macrocyclic diamides. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 93-101.	2.6	11

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91	1,1'-Bis(4-amino-1,2,4-triazole-5-ylthio-3-ylsulfanyl)alkanes: Versatile precursors for novel bis(s-triazolo[3,4-b][1,3,4]thiadiazines) as well as novel bis(macrocyclic schiff bases). <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 233-241.	2.6	11
92	Synthesis and molecular orbital calculations of some benzo-substituted macrocyclic diamides and their corresponding macrocyclic dithiodiamides. <i>Tetrahedron</i> , 2007, 63, 4000-4010.	1.9	11
93	Photo-physical properties and amplified spontaneous emission of a new derivative of fluorescein. <i>Optics Communications</i> , 2010, 283, 1438-1444.	2.1	11
94	Cyclooligomerization of Mono- and Diazenylethyne Catalyzed by Transition Metal Complexes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 265-274.	2.4	11
95	Single gene reassortment of highly pathogenic avian influenza A H5N1 in the low pathogenic H9N2 backbone and its impact on pathogenicity and infectivity of novel reassortant viruses. <i>Archives of Virology</i> , 2017, 162, 2959-2969.	2.1	11
96	Synthesis of novel bis- and poly(benzimidazoles) as well as bis- and poly(benzothiazoles) as anticancer agents. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2256-2270.	2.6	11
97	Investigation of the reactivity of (1-benzimidazol-2-yl)acetonitrile and (benzo[thiazol-2-yl)acetonitrile as precursors for novel bis(benzo[4,5]imidazo[1,2-a]pyridines) and bis(benzo[4,5]thiazolo[3,2-a]pyridines). <i>Synthetic Communications</i> , 2020, 50, 2531-2544.	2.1	11
98	Synthesis, characterization and application of reactive UV absorbers for enhancing UV protective properties of cotton fabric. <i>Egyptian Journal of Chemistry</i> , 2020, 63, 525-536.	0.2	11
99	Anticancer Activity of New Bis-(3-(Thiophen-2-yl)-1-Pyrazol-4-yl)Chalcones: Synthesis, <i>in-Silico</i> , and <i>in-Vitro</i> Studies. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2506-2523.	2.6	11
100	Microwave assisted synthesis of benzo-substituted macrocyclic diamides and their corresponding macrocyclic dithiodiamides. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 711-715.	2.6	10
101	Laser induced fluorescence, photo-physical parameters and photo-stability of new fluorescein derivatives. <i>Journal of Molecular Liquids</i> , 2017, 229, 31-44.	4.9	10
102	Synthesis of novel bis(nicotinecarbonitrile) derivatives. <i>Arkivoc</i> , 2018, 2018, 97-108.	0.5	10
103	<i>p</i> -TSA Catalyzed One-Pot Synthesis of Some Novel Bis(Hexahydroacridine-1,8-Diones) and Bis(Tetrahydrodipyrzolo[3,4-b]:4,3-e]Pyridines) Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1392-1405.	2.6	10
104	Hantzsch synthesis of bis(1,4-dihydropyridines) and bis(tetrahydrodipyrzolo[3,4-b]:4,3-e]pyridines) linked to pyrazole units as novel hybrid molecules. <i>Synthetic Communications</i> , 2020, 50, 1982-1992.	2.1	10
105	Optical, photo physical parameters and photo stability of 6-Substituted-1, 2, 4-Triazine mono glucosyl derivative to act as a laser dye in various solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118145.	3.9	10
106	Microwave-assisted three component synthesis of novel bis-fused quinazolin-8(4H)-ones linked to aliphatic or aromatic spacer via amide linkages. <i>Synthetic Communications</i> , 2020, 50, 893-903.	2.1	10
107	ZnO nanoparticles catalyzed synthesis of bis- and poly(imidazoles) as potential anticancer agents. <i>Synthetic Communications</i> , 2020, 50, 980-996.	2.1	10
108	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.	2.1	10



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109	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.	2.1	10
110	Synthesis and Characterization of Novel Oligoazulenes with Mixed Ethynyl and Butadiynyl Bridges. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3910-3916.	2.4	9
111	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.	2.1	9
112	Synthesis of the first spiro-linked macrocyclic crown formazans and bis(crown formazan). <i>Arkivoc</i> , 2009, 2009, 65-70.	0.5	9
113	Synthesis, characterization, DNA photocleavage, in silico and in vitro DNA/BSA binding properties of novel hexahydroquinolines. <i>Journal of Molecular Structure</i> , 2022, 1267, 133628.	3.6	9
114	Synthesis of novel bis(dihydropyridine) and terpyridine derivatives. <i>Arkivoc</i> , 2018, 2018, 109-123.	0.5	8
115	3-Amino-5-cyanomethylpyrazole-4-carbonitrile: Versatile Reagent for Novel Bis(pyrazolo[1,5- <i>a</i> ]pyridine) Derivatives via a Multicomponent Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2792-2798.	2.6	8
116	Synthesis of novel bis- and poly(hydrazinylthiazole) linked to benzofuran or benzothiazole as new hybrid molecules. <i>Arkivoc</i> , 2020, 2019, 73-88.	0.5	8
117	Hantzsch-like synthesis of novel bis(hexahydroacridine-1,8-diones), bis(tetrahydropyrazolo[3,4- <i>b</i> ]pyridines), and bis(pyrimido[4,5- <i>b</i> ]quinolines) incorporating thieno[2,3- <i>b</i> ]thiophenes. <i>Journal of Chemical Research</i> , 2020, 44, 653-659.	1.3	8
118	Synthesis and Characterization of Poly([1,2,4]triazolyl- and [1,2,4]triazolo[3,4- <i>Tj</i> ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (b)[1,3,4] 2013, 10, 786-790.	1.3	8
119	Recent Advances in the Functionalization of Azulene Through Pd-Catalyzed Cross-Coupling Reactions. <i>ChemistrySelect</i> , 2021, 6, 13664-13723.	1.5	8
120	Synthesis of the first tris(crown formazan). <i>Tetrahedron Letters</i> , 2006, 47, 1303-1306.	1.4	7
121	Spectroscopic Study of Solvent Polarity on the Optical and Photo-Physical Properties of Novel 9,10-bis(coumarinyl)anthracene. <i>Journal of Fluorescence</i> , 2018, 28, 1421-1430.	2.5	7
122	An efficient one-pot three-component synthesis of tetrakis(uracil) and their corresponding bis-fused derivatives. <i>Arkivoc</i> , 2020, 2019, 163-177.	0.5	7
123	Synthesis of novel star-shaped molecules based on a 1,3,5-triazine core linked to different heterocyclic systems as novel hybrid molecules. <i>RSC Advances</i> , 2020, 10, 44066-44078.	3.6	7
124	Pyrazole-carboxaldehydes as versatile precursors for different pyrazole-substituted heterocyclic systems. <i>Arkivoc</i> , 2021, 2021, 162-235.	0.5	7
125	Spectroscopic properties and amplified spontaneous emission of a new derivative of fluorescein. <i>Applied Physics B: Lasers and Optics</i> , 2007, 88, 575-580.	2.2	6
126	An Efficient Synthesis of Novel Benzo-Fused Macrocyclic Dilactams. <i>Helvetica Chimica Acta</i> , 2013, 96, 1290-1297.	1.6	6



#	ARTICLE	IF	CITATIONS
127	Bis(aldehydes): Versatile precursors for novel bis (14 H $\alpha$ -dibenzo[ a , j ]xanthenes), bis (pyrano[3,2 $\alpha$ -c :5,6 $\alpha$ -c ]Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) of Heterocyclic Chemistry, 2021, 58, 315-328.	2.6	6
128	Hantzsch reaction with <i>bis</i> -indole-2,3-diones: Synthesis of novel <i>bis</i> -spirocyclic oxindole incorporating acridine, dipyrazolo[3,4- <i>b</i> :4',3'- <i>e</i> ]pyridine and pyrido[2,3- <i>d</i> :6,5- <i>d'</i> ]dipyrimidine. Synthetic Communications, 2021, 51, 1814-1824.	2.1	6
129	Hantzsch-like synthesis of bis(sulfanediyl)bis(tetrahydropyrimido[4,5- <i>b</i> ]quinoline-4,6-diones) linked to arene or heteroarene cores utilizing bis(sulfanediyl)bis(6-aminopyrimidin-4-ones) as precursors. Monatshefte für Chemie, 2021, 152, 967-976.	1.8	6
130	Synthesis and rearrangement of triazinoquinazolines. Heteroatom Chemistry, 1994, 5, 97-101.	0.7	5
131	Allyl-Substituted Macrocyclic Crown Formazans: Promising Precursors for Polymer-Supported Macrocycles. Synthesis, 2001, 2001, 1331-1336.	2.3	5
132	Efficient Routes for the Synthesis of Novel Bis( <i>s</i> -triazolo[3,4- <i>b</i> ][1,3,4]thiadiazines). Journal of Heterocyclic Chemistry, 2014, 51, E176.	2.6	5
133	Experimental and theoretical study on the regioselective synthesis and reaction of some bis- and poly(3-mercapto-1,2,4-triazin-5(4H)-one) derivatives. Journal of Molecular Structure, 2019, 1197, 244-261.	3.6	5
134	Synthesis of Novel Bis(pyrido[2,1- <i>a</i> ]isoquinolines) Linked to Aliphatic or Aromatic Core via Ether Linkage. Journal of Heterocyclic Chemistry, 2019, 56, 1914-1921.	2.6	5
135	Novel Bis(2-cyanoketene- <i>s</i> , <i>s</i> - <i>s</i> , <i>s</i> - <i>s</i> , <i>N</i> -acetals): Versatile Precursors for Novel Bis(aminopyrazole) Derivatives. Journal of Heterocyclic Chemistry, 2019, 56, 1581-1587.	2.6	5
136	Novel bis(thiazolidin-4-ones) linked to aliphatic or aromatic spacers: synthesis, characterization, and anticancer evaluation. Journal of Sulfur Chemistry, 2021, 42, 149-166.	2.0	5
137	Alkynylazulenes as Building Blocks for Highly Unsaturated Scaffolds. Asian Journal of Organic Chemistry, 2021, 10, 2010-2083.	2.7	5
138	Synthesis of New 2-(4-(1,4-Dihydropyridin-4-yl)Phenoxy)- <i>N</i> -Arylacetamides and Their Heterocyclic-Fused Derivatives via Hantzsch-Like Reaction. Polycyclic Aromatic Compounds, 2023, 43, 1974-1986.	2.6	5
139	Synthesis of Novel <i>Bis</i> (Sulfanediyl) <i>Bis</i> (Tetrahydropyrimido[4,5- <i>b</i> ]Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) Aromatic Compounds, 2023, 43, 4084-4102.	2.6	5
140	Synthesis and in vitro anticancer evaluation of novel pyridine derivatives bearing tetrahydronaphthalene scaffold. Arkivoc, 2020, 2019, 459-480.	0.5	4
141	Hantzsch reaction with 6-aminouracil: Synthesis of novel tetrakis(6-aminouracil-5-yl)methanes and bis(decahydropyrido[2,3- <i>d</i> :6,5- <i>d'</i> ]dipyrimidine-tetraones) linked to aliphatic or aromatic cores via ether-amide or ester-amide linkages. Arkivoc, 2021, 2020, 136-149.	0.5	4
142	Synthesis of new reactive dyes containing commercial UV-absorbers with enhanced simultaneous dyeing and anti-UV properties for cotton fabric. Journal of the Indian Chemical Society, 2021, 98, 100022.	2.8	4
143	Aminouracil and aminothiouracil as versatile precursors for a variety of heterocyclic systems. Arkivoc, 2021, 2021, 329-377.	0.5	4
144	SYNTHESIS AND REACTIONS OF SULFONYLMETHYLQUINOXALINES. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 101, 1-7.	1.6	3

#	ARTICLE	IF	CITATIONS
145	An expedient synthesis of novel bis[thienopyridines] linked to arene or heteroarene core as novel hybrid molecules. <i>Arkivoc</i> , 2020, 2020, 312-329.	0.5	3
146	Spectral Behavior and Photophysical Parameters of Dihydrophenanthro[9,10-e][1,2,4]Triazine Derivative Dyes in Solâ€“Gel and Methyl Methacrylate Polymer Matrices. <i>Journal of Fluorescence</i> , 2021, 31, 1547-1554.	2.5	3
147	Recent Advances in the Functionalization of Azulene Through Rhâ€“, Irâ€“, Ruâ€“, Auâ€“, Feâ€“, Niâ€“, and Cuâ€“catalyzed Reactions. <i>Applied Organometallic Chemistry</i> , 0, , .	3.5	3
148	Synthetic approaches toward macrocyclic sulfonyl crown formazans. <i>Heteroatom Chemistry</i> , 1996, 7, 215-219.	0.7	2
149	Novel bis(benzothiazole-oxime)-based Pd(II)-complex: synthesis, characterization, quantum chemical calculations, and catalytic significance in Suzukiâ€“Miyaura and Heckâ€“Mizoroki cross coupling reactions. <i>Monatshefte FÃ¼r Chemie</i> , 2016, 147, 1197-1205.	1.8	2
150	Bis(enaminones) as Versatile Precursors for Novel Bis([1,2,4]triazolo[1,5- <i>a</i> ]pyrimidines) and Bis(2-thioxo-2,3-dihydropyrido[2,3- <i>d</i> ]pyrimidin-4(1 <i>H</i> )-ones). <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1958-1965.	2.6	2
151	2019, 252-266.	0.5	2
152	Efficient synthesis of novel bis(dihydropyrano[2,3 <i>c</i> ]pyrazoles), bis(4 <i>H</i> -chromenes) and bis(dihydropyrano[3,2- <i>c</i> ]chromenes) with amide functionality. <i>Arkivoc</i> , 2020, 2019, 306-324.	0.5	2
153	Synthesis and potentiometric selectivity study of new spiro-14-crown-4 derivatives. <i>Supramolecular Chemistry</i> , 1994, 4, 83-89.	1.2	1
154	Bis(sulfanediy)bis(6-aminopyrimidin-4-ones): Versatile precursors for novel bis(sulfanediy)bis(tetrahydropyrimido[4,5- <i>b</i> ]quinoline-4,6-diones) linked to aliphatic spacer via multi-component reactions. <i>Synthetic Communications</i> , 0, , 1-15.	2.1	1
155	New Trends in the Chemistry of Condensed Heteromacrocycles. Part A. Condensed Azacrown Ethers and Azathiacrown Ethers. <i>ChemInform</i> , 2003, 34, no.	0.0	0
156	Synthesis of Novel Macrocyclic Di- and Tetralactams Containing Triazole Subunits.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
157	New Trends in the Chemistry of Condensed Heteromacrocycles. Part B. Macrocyclic Formazans. <i>ChemInform</i> , 2004, 35, no.	0.0	0
158	Microwave Assisted Synthesis of Benzo-Substituted Macrocyclic Diamides and Their Corresponding Macrocyclic Dithiodiamides.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
159	Kinetic studies on the dilatometricâ€“free radical copolymerization of new modified laser dye monomer with methyl methacrylate and characterization of the obtained copolymer. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2462-2471.	2.6	0
160	Synthesis of the first mixed-donor spiro-linked macrocyclic tetralactams. <i>Arkivoc</i> , 2009, 2008, 205-211.	0.5	0
161	Corrigendum. Synthesis of the first mixed-donor spiro-linked macrocyclic tetralactams. [ <i>Arkivoc</i> 2008 (xvii) 205-211]. <i>Arkivoc</i> , 2009, 2008, 328-328.	0.5	0
162	3-Allylsalicylaldehyde and 3-Allylsalicylic Acid Derivatives: Synthesis and Conversion to Allyl-crown Compounds as New Potential Precursors for Polymer Supported Crown Compounds. <i>Journal of Chemical Research</i> , 1999, 23, 522-523.	1.3	0

#	ARTICLE	IF	CITATIONS
163	Difunctional Heterocycles: A Convenient Synthesis of Bis(4,5-dihydropyrazolyl) Ethers from their Precursor Bis(chalcones). <i>Journal of Chemical Research</i> , 1999, 23, 602-603.	1.3	0
164	Spectroscopic Behavior and Photophysical Parameters of 2-(Acetoxymethyl)-6-(1,2,4-triazinylaminodihydroquinazolinyl)tetrahydropyran Derivative in Different Solid Hosts. <i>Journal of Fluorescence</i> , 2022, , 1.	2.5	0