

Ismail A Abdelhamid

List of Publications by Year in descending order

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147
papers

2,597
citations

126708

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165
all docs

165
docs citations

165
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and antimicrobial activity of a novel chitosan Schiff bases based on heterocyclic moieties. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 492-501.	3.6	77
2	Enamines as Precursors to Polyfunctional Heteroaromatic Compounds; a Decade of Development. <i>Heterocycles</i> , 2008, 75, 1849.	0.4	61
3	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-â€²,3-â€²:5,6]pyrano[2,3- b]pyridine-6-carbonitrile) derivatives. <i>Bioorganic Chemistry</i> , 2017, 71, 19-29.	2.0	60
4	Cytotoxic and Antimicrobial Evaluations of Novel Apoptotic and Anti-â€œAngiogenic Spiro Cyclic 2-â€œOxindole Derivatives of 2-â€œAmino-â€œTetrahydroquinolin-â€œ5-â€œone. <i>Archiv Der Pharmazie</i> , 2015, 348, 113-124.	2.1	57
5	Chitosan as a green catalyst for synthesis of pyridazines and fused pyridazines via [3+3] atom combination with arylhydrazones as 3 atom components. <i>Arkivoc</i> , 2009, 2009, 302-311.	0.3	52
6	Synthesis and Anti-â€œInfluenza Virus Activity of Novel bis(4-â€œH-â€œchromene-â€œ3-â€œcarbonitrile) Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1854-1862.	1.4	47
7	Synthesis of heterocyclic compounds via Michael and Hantzsch reactions. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1476-1523.	1.4	47
8	Studies with enamines and azaenamines: A novel efficient route to 6-â€œamino-â€œ1,4-â€œdihydropyridazines and their condensed derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 105-108.	1.4	46
9	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 H₂O₂. <i>RSC Advances</i> , 2016, 6, 40900-40910.	1.7	46
10	Functionally substituted arylhydrazones as building blocks in heterocyclic synthesis: routes to pyridazines and pyridazinoquinazolines. <i>Arkivoc</i> , 2006, 2006, 147-157.	0.3	46
11	Chalcones Incorporated Pyrazole Ring Inhibit Proliferation, Cell Cycle Progression, Angiogenesis and Induce Apoptosis of MCF7 Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1282-1292.	0.9	44
12	Microwave Assisted Green Multicomponent Synthesis of Novel bis(2-â€œamino-â€œtetrahydro-â€œ4-â€œH-â€œchromene-â€œ3-â€œcarbonitrile) Derivatives Using Chitosan as Eco-â€œfriendly 1.4 Basic Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 305-312.		43
13	Multicomponent Synthesis of Novel bis(2-amino-tetrahydro-4H-chromene-3- carbonitrile) Derivatives Linked to Arene or Heteroarene Cores. <i>Current Organic Synthesis</i> , 2016, 13, 601-610.	0.7	43
14	Pyrolytic Methods in Organic Synthesis: Novel Routes for the Synthesis of 3-Oxoalkanenitriles, 2-Acyl Anilines, and 2-Aroyl Anilines. <i>Synlett</i> , 2007, 2007, 2979-2982.	1.0	41
15	Cytotoxicity, molecular modeling, cell cycle arrest, and apoptotic induction induced by novel tetrahydro-[1,2,4]triazolo[3,4-a]isoquinoline chalcones. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 532-541.	2.6	41
16	Novel 2-â€œcyanoacrylamido-â€œ4,5,6,7-â€œtetrahydrobenzo[<i>c</i>]thiophene derivatives as potent anticancer agents. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000069.	2.1	41
17	DBU-Catalyzed, facile and efficient method for synthesis of spirocyclic 2-oxindole derivatives with incorporated 6-amino-4H-pyridazines and fused derivatives via [3+3] atom combination. <i>Tetrahedron</i> , 2009, 65, 10069-10073.	1.0	40
18	Studies on enamionitriles: A new synthesis of 1,3-substituted pyrazole-4-carbonitrile. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 1185-1189.	1.4	39

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19	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.	1.0	39
20	DNA Fragmentation, Cell Cycle Arrest, and Docking Study of Novel Bis Spiro-cyclic 2-oxindole of Pyrimido[4,5-b]quinoline-4,6-dione Derivatives Against Breast Carcinoma. <i>Current Cancer Drug Targets</i> , 2018, 18, 372-381.	0.8	39
21	Studies with Functionally Substituted Enamines: Synthesis of New Aminoazolo-Pyrimidines and -1,2,4-Triazines. <i>Journal of Chemical Research</i> , 2004, 2004, 789-793.	0.6	38
22	Gas-Phase Pyrolysis in Organic Synthesis: Rapid Green Synthesis of 4-Quinolinones. <i>Synlett</i> , 2007, 2007, 2205-2208.	1.0	38
23	Synthesis and Chemical Reactivity of New Azaenamines Incorporated the 4,5,6,7-Tetrahydrobenzo[b]thiophene Moiety: 3+3 Atom Combination. <i>Synthesis</i> , 2010, 2010, 1107-1112.	1.2	38
24	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
25	Microwave Assisted Multi-Component Synthesis of Novel Bis(1,4-dihydropyridines) Based Arenes or Heteroarenes. <i>Heterocycles</i> , 2016, 92, 910.	0.4	37
26	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
27	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.	0.7	37
28	Synthesis and Biological Evaluation of a Novel Series of Chalcones Incorporated Pyrazole Moiety as Anticancer and Antimicrobial Agents. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1153-1162.	1.4	36
29	An Efficient One-pot Synthesis of Novel Spiro Cyclic 2-Oxindole Derivatives of Pyrimido[4,5-b]Quinoline, Pyrido[2,3-d:6,5-d']Dipyrimidine and Indeno[2a ² ,1 ² :5,6]Pyrido[2,3-d]Pyrimidine in Water. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 2084-2090.	1.4	36
30	Facile One-pot, Three-component Synthesis of Novel Bis(heterocycles) Incorporating 5-Hydroxychromeno[2,3-b]pyridine-3-carbonitrile Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2844-2849.	1.4	36
31	Novel bis(dihydropyrano[3,2-c]chromenes): Synthesis, Antiproliferative Effect and Molecular Docking Simulation. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 498-507.	1.4	36
32	Facile Synthesis, Structural Activity Relationship, Molecular Modeling and In Vitro Biological Evaluation of New Urea Derivatives with Incorporated Isoxazole and Thiazole Moieties as Anticancer Agents. <i>ChemistrySelect</i> , 2019, 4, 10113-10121.	0.7	36
33	Molecular Docking Study, Cytotoxicity, Cell Cycle Arrest and Apoptotic Induction of Novel Chalcones Incorporating Thiadiazolyl Isoquinoline in Cervical Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 70-83.	0.9	35
34	Arylhydrazonals as the aldehyde component in Baylis-Hillman reactions. <i>Tetrahedron</i> , 2008, 64, 8202-8205.	1.0	34
35	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.	1.0	34
36	Synthesis of Novel Spiro Cyclic 2-Oxindole Derivatives of 6-Amino-4H-Pyridazine via [3+3] Atom Combination Utilizing Chitosan as a Catalyst. <i>Synlett</i> , 2009, 2009, 625-627.	1.0	33

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37	Discrepancies in the reactivity pattern of azaenamines towards cinnamionitriles: synthesis of novel aza-steroid analogues. <i>Tetrahedron</i> , 2015, 71, 1413-1418.	1.0	33
38	New Bis(dihydropyridine-3,5-dicarbonitrile) Derivatives: Green Synthesis and Cytotoxic Activity Evaluation. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2670-2677.	1.4	32
39	Chapter 1 Recent Developments in Pyridazine and Condensed Pyridazine Synthesis. <i>Advances in Heterocyclic Chemistry</i> , 2009, 97, 1-43.	0.9	31
40	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.	0.4	27
41	Novel [1,2,4]triazolo[3,4-a]isoquinoline chalcones as new chemotherapeutic agents: Block IAP tyrosine kinase domain and induce both intrinsic and extrinsic pathways of apoptosis. <i>Investigational New Drugs</i> , 2021, 39, 98-110.	1.2	26
42	Bee venom and its active component Melittin synergistically potentiate the anticancer effect of Sorafenib against HepG2 cells. <i>Bioorganic Chemistry</i> , 2021, 116, 105329.	2.0	25
43	Anticancer activity of novel 3-(furan-2-yl)pyrazolyl and 3-(thiophen-2-yl)pyrazolyl hybrid chalcones: Synthesis and in vitro studies. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100381.	2.1	25
44	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.	0.9	24
45	Regioorientation in the Addition Reaction of β -Substituted Cinnamionitrile to Enamines Utilizing Chitosan as a Green Catalyst: Unambiguous Structural Characterization Using 2D-HMBC NMR Spectroscopy. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 817-823.	1.4	23
46	<i>Moringa peregrina</i> Leaves Extracts Induce Apoptosis and Cell Cycle Arrest of Hepatocellular Carcinoma. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	23
47	Structure-based design of novel pyrazolyl-chalcones as anti-cancer and antimicrobial agents: synthesis and in vitro studies. <i>Monatshefte für Chemie</i> , 2022, 153, 211-221.	0.9	22
48	Reassignment of the structures of condensation products of β -keto β -formylarylhydrazones with ethyl cyanoacetate: a novel route to ethyl 5-aryloxy-2-hydroxynicotinates. <i>Tetrahedron Letters</i> , 2011, 52, 202-204.	0.7	21
49	An Efficient Synthesis of 1-(4H-1,2,4-Triazol-3-yl)-Hexahydroquinoline-3-carbonitrile and their Spiro Derivatives from β -Enaminones. <i>Heterocycles</i> , 2016, 92, 637.	0.4	21
50	Studies with 2-arylhydrazononitriles: a new convenient synthesis of 2, 4-disubstituted-1,2,3-triazole-5-amines. <i>Arkivoc</i> , 2007, 2006, 53-60.	0.3	21
51	Synthesis and Antimicrobial Evaluations of Novel Spiro Cyclic 2-Oxindole Derivatives of N-(1H-Pyrazol-5-yl)-Hexahydroquinoline Derivatives. <i>Heterocycles</i> , 2016, 92, 1075.	0.4	20
52	A One-Pot Biginelli Synthesis of Unsubstituted Aroylpyrimidinones and Acetyl-1,2,4-triazin-2-ones. <i>Helvetica Chimica Acta</i> , 2010, 93, 1204-1208.	1.0	19
53	An overview on synthetic strategies for the construction of star-shaped molecules. <i>RSC Advances</i> , 2019, 9, 16606-16682.	1.7	19
54	Hantzsch-Like One-Pot Three-Component Synthesis of Heptaazadicyclopenta[a,j]anthracenes: A New Ring System. <i>Synlett</i> , 2020, 31, 895-898.	1.0	19

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55	Apoptotic induction mediated p53 mechanism and Caspase-3 activity by novel promising cyanoacrylamide derivatives in breast carcinoma. <i>Bioorganic Chemistry</i> , 2017, 73, 43-52.	2.0	18
56	Bis(indoline-2,3-diones): versatile precursors for novel bis(2',6'-dimethyl-2-oxo-1'H-spiro[indoline-3,4'-pyridine]-3',5'-dicarbonitrile) derivatives. <i>Arkivoc</i> , 2016, 2016, 304-312.	0.3	17
57	Facile one-pot, three-component synthesis of novel bis(heterocycles) incorporating thieno[2,3-b]thiophenes via Michael addition reaction. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2243-2255.	1.4	16
58	Impact of heavy metals on <i>Oreochromis niloticus</i> fish and using Electrophoresis as Bio-indicator for environmental pollution of Rosetta branch, River Nile, Egypt. <i>European Chemical Bulletin</i> , 2020, 9, 48.	2.7	16
59	1,3-Bis(formylphenoxy)alkane: versatile precursors for novel bis-dihydropyridine derivatives. <i>Monatshefte für Chemie</i> , 2016, 147, 1227-1232.	0.9	14
60	Bis(indoline-2,3-diones): versatile precursors for novel bis(spirooxindoles) incorporating 4H-chromene-3-carbonitrile and pyrano[2,3-d]pyrimidine-6-carbonitrile derivatives. <i>Turkish Journal of Chemistry</i> , 2017, 41, 410-419.	0.5	14
61	Synthesis and DTF studies of novel aminoimidazodipyridines using 2-(3H-imidazo[4,5-b]pyridin-2-yl)acetonitrile as an efficient key precursor. <i>Arkivoc</i> , 2021, 2021, 23-37.	0.3	14
62	Facile synthesis and antimicrobial activity of bis(fused H-pyrans) incorporating piperazine as novel hybrid molecules: Michael's addition approach. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 1907-1926.	1.4	14
63	An easy synthesis of 5-functionally substituted ethyl 4-amino-1-aryl-pyrazolo-3-carboxylates: interesting precursors to sildenafil analogues. <i>Beilstein Journal of Organic Chemistry</i> , 2007, 3, 15.	1.3	13
64	Studies Using (E)-6-Oxo-1-aryl-4-(2-N-piperidinyl)vinyl-1,6-dihydropyridazine-5-carbonitrile. <i>Heterocycles</i> , 2007, 71, 2627.	0.4	13
65	Chemistry of Azaenamines. <i>Current Organic Chemistry</i> , 2011, 15, 3098-3119.	0.9	13
66	Synthetic Routes to Spirocyclic Pyridazines, Partially-Saturated Pyridazines and Their Condensed Derivatives. <i>Current Organic Chemistry</i> , 2016, 20, 1512-1546.	0.9	13
67	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.	1.1	13
68	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.	0.4	13
69	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.	3.6	13
70	Bis(2-cyanoacetamides): versatile precursors for bis(dihydropyridine-3,5-dicarbonitriles). <i>Arkivoc</i> , 2019, 2018, 39-49.	0.3	12
71	Synthesis of various pyrazole-fused heterocyclic systems; using pyrazole-4-carbaldehydes as versatile precursors. <i>Arkivoc</i> , 2022, 2021, 42-74.	0.3	12
72	Investigation of the reactivity of (1H-benzo[d]imidazol-2-yl)acetonitrile and (benzo[d]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.	1.1	11

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73	MicroRNA-215 as a Diagnostic Marker in Egyptian Patients with Hepatocellular Carcinoma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 2723-2731.	0.5	11
74	Anticancer Activity of New Bis-(3-(Thiophen-2-yl)-1 <i>H</i> -Pyrazol-4-yl)Chalcones: Synthesis, <i>in-Silico</i> , and <i>in-Vitro</i> Studies. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2506-2523.	1.4	11
75	Synthesis of novel bis(nicotinecarbonitrile) derivatives. <i>Arkivoc</i> , 2018, 2018, 97-108.	0.3	10
76	<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 ϵ^2 ,3 ϵ^2 - <i>e</i>]Pyridines) Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1392-1405.	1.4	10
77	Hantzsch synthesis of bis(1,4-dihydropyridines) and bis(tetrahydrodipyrzolo[3,4- <i>b</i> :4 ϵ^2 ,3 ϵ^2 - <i>e</i>]pyridines) linked to pyrazole units as novel hybrid molecules. <i>Synthetic Communications</i> , 2020, 50, 1982-1992.	1.1	10
78	Microwave-assisted three component synthesis of novel bis-fused quinazolin-8(4 <i>H</i>)-ones linked to aliphatic or aromatic spacer via amide linkages. <i>Synthetic Communications</i> , 2020, 50, 893-903.	1.1	10
79	Hantzsch synthesis of bis(pyrido[2,3- <i>d</i> :6,5- <i>d'</i>]dipyrimidines), bis(pyrimido[4,5- <i>b</i>]quinolines), and bis(benzo[4,5]imidazo[2,1- <i>b</i>]quinazolines) linked to pyrazole units as novel hybrid molecules. <i>Synthetic Communications</i> , 2021, 51, 1899-1912.	1.1	10
80	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
81	Alkylazinylnitriles as building blocks in organic synthesis: synthesis of 3-amino-7-arylhyrazonothieno-7H-[3,4- <i>c</i>]-pyridine-4,6-diones and pyrido-[3,4- <i>c</i>]-pyridazine-5-carbonitrile. <i>Arkivoc</i> , 2007, 2007, 213-221.	0.3	10
82	Optimizing Scale Up Yield to Pyridazines and Fused Pyridazines. <i>Current Organic Chemistry</i> , 2011, 15, 3503-3513.	0.9	9
83	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
84	Anticancer Activities of New N-hetaryl-2-cyanoacetamide Derivatives Incorporating 4,5,6,7-Tetrahydrobenzo[<i>b</i>]thiophene Moiety. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1084-1092.	0.9	9
85	Synthesis, characterization, DNA photocleavage, <i>in silico</i> and <i>in vitro</i> DNA/BSA binding properties of novel hexahydroquinolines. <i>Journal of Molecular Structure</i> , 2022, 1267, 133628.	1.8	9
86	New Synthesis of N-(1 <i>H</i> -pyrazol-5-yl)hexahydroquinoline-3-carbonitrile and octahydropyrzolo[4 ϵ^2 ,3 ϵ^2 :5,6]pyrimido[1,2- <i>a</i>]quinoline-6-carbonitrile Derivatives from the Cyclic <i>in situ</i> Enaminones. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1193-1198.	1.4	8
87	Synthesis of novel bis(dihydropyridine) and terpyridine derivatives. <i>Arkivoc</i> , 2018, 2018, 109-123.	0.3	8
88	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.	1.4	8
89	Attacking the mitochondria of colorectal carcinoma by novel 2-cyanoacrylamides linked to ethyl 1,3-diphenylpyrazole-4-carboxylates moiety as a new trend for chemotherapy. <i>Bioorganic Chemistry</i> , 2020, 103, 104195.	2.0	8
90	Hantzsch-like synthesis of novel bis(hexahydroacridine-1,8-diones), bis(tetrahydrodipyrzolo[3,4- <i>b</i> :4 ϵ^2 ,3 ϵ^2 - <i>e</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.	0.6	8

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91	Hantzsch-Like Three-Component Synthesis of 9,10-Dihydro-3H-10a-azaphenanthrene-2,4-dicarbonitriles. <i>Synlett</i> , 2020, 31, 1126-1128.	1.0	8
92	Recent Advances in the Functionalization of Azulene Through Pd-Catalyzed Cross-Coupling Reactions. <i>ChemistrySelect</i> , 2021, 6, 13664-13723.	0.7	8
93	An efficient one-pot three-component synthesis of tetrakis(uracil) and their corresponding bis-fused derivatives. <i>Arkivoc</i> , 2020, 2019, 163-177.	0.3	7
94	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.	1.7	7
95	A novel inhibitor, 2-cyano-3-(1-phenyl-3-(thiophen-2-yl)-pyrazol-4-yl)acrylamide linked to sulphamethoxazole, blocks anti-apoptotic proteins via molecular docking and strongly induced apoptosis of HCT116 cell line by different molecular tools. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5978-5995.	2.3	7
96	Pyrazole-carboxaldehydes as versatile precursors for different pyrazole-substituted heterocyclic systems. <i>Arkivoc</i> , 2021, 2021, 162-235.	0.3	7
97	Applications of the Vilsmeier reaction in heterocyclic chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2022, , 171-223.	0.9	7
98	Chemistry of 2-Arylhydrazonals. <i>Synlett</i> , 2009, 2009, 3237-3251.	1.0	6
99	The First Benzo[1,2:4,5]dicyclobutenones and Their Tricarbonylchromium Complexes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, n/a-n/a.	1.2	6
100	Facile Synthesis of 3-Amino-2,5-dihydropyridazines and 4-Deazatoxoflavin Analogues via [3+3] Atom Combination: Approaches to Pyridazine Incorporating Pyrazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 473-479.	1.4	6
101	Acetylacetaldehyde Dimethyl Acetal as Versatile Precursors for the Synthesis of Arylazonicotinic Acid Derivatives: Green Multicomponent Syntheses of Bioactive Poly-Heteroaromatic Compounds. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1048-1053.	1.4	6
102	Hantzsch-like synthesis of the 10 <i>b</i> -azachrysenes, spirocyclic oxindole of 10 <i>b</i> -azachrysene and 10 <i>a</i> -azaphenanthrene utilizing 2-(6,7-dimethoxy-3,4-dihydroisoquinolin-1-yl)acetonitrile as a precursor. <i>Synthetic Communications</i> , 2021, 51, 553-562.	1.1	6
103	Bis(aldehydes): Versatile precursors for novel bis (14 H-dibenzo[a, j]xanthenes), bis (pyrano [3,2-c :5,6-e] tetracyclopenta[1,2-b:4,5-c']pyridine) and bis (pyrano [3,2-c :5,6-e] tetracyclopenta[1,2-b:4,5-c']pyridine) derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 315-328.	1.4	6
104	Hantzsch reaction with <i>bis</i> -indole-2,3-diones: Synthesis of novel <i>bis</i> -spirocyclic oxindole incorporating acridine, dipyrzolo[3,4- <i>b</i> :4',3'- <i>e</i>]pyridine and pyrido[2,3- <i>d</i> :6,5- <i>d'</i>]dipyrimidine. <i>Synthetic Communications</i> , 2021, 51, 1814-1824.	1.1	6
105	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. <i>Monatshefte für Chemie</i> , 2021, 152, 967-976.	0.9	6
106	Recent Synthetic Approaches and Biological Evaluations of Amino Hexahydroquinolines and Their Spirocyclic Structures. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 875-915.	0.9	6
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