

Ismail A Abdelhamid

List of Publications by Year in descending order

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147
papers

2,597
citations

126708

33
h-index

288905

40
g-index

165
all docs

165
docs citations

165
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Cytotoxic Activity, Apoptosis Induction and Cell Cycle Arrest in Human Breast Cancer (MCF7) Cells by a Novel Fluorinated Tetrahydro-[1,2,4]Triazolo[3,4- <i>a</i>]Isoquinolin Chalcones. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 268-287.	1.4	5
4	Synthesis of Novel Bis (Sulfanediyl) Bis (Tetrahydropyrimido[4,5- <i>b</i>]Tj ETQqO O O rgBT /Overlock 10 Tf 50 627 Td (Aromatic Compounds, 2023, 43, 4084-4102.	1.4	5
5	Synthesis of various pyrazole-fused heterocyclic systems; using pyrazole-4-carbaldehydes as versatile precursors. <i>Arkivoc</i> , 2022, 2021, 42-74.	0.3	12
6	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
7	Chitosan Schiff bases/AgNPs: synthesis, characterization, antibiofilm and preliminary anti-schistosomal activity studies. <i>Polymer Bulletin</i> , 2022, 79, 11259-11284.	1.7	4
8	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
9	Applications of the Vilsmeier reaction in heterocyclic chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2022, , 171-223.	0.9	7
10	Synthesis and Anticancer Activities of Novel Bis-chalcones Incorporating the 1,3-diphenyl-1 <i>H</i> -pyrazole Moiety: In Silico and In Vitro Studies. <i>Letters in Drug Design and Discovery</i> , 2022, 19, 1007-1021.	0.4	13
11	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
12	Facile synthesis and antimicrobial activity of bis (fused 4- <i>H</i> -pyrans) incorporating piperazine as novel hybrid molecules: Michael's addition approach. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 1907-1926.	1.4	14
13	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.	1.8	9
14	<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 ² ,3 ² - <i>e</i>]Pyridines) Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1392-1405.	1.4	10
15	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
16	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 ETQqO O O rgBT /Overlock of <i>Heterocyclic Chemistry</i> , 2021, 58, 315-328.	1.4	6
17	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. <i>Arkivoc</i> , 2021, 2020, 136-149.	0.3	4
18	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

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19	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
20	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
21	Pyrazole-carboxaldehydes as versatile precursors for different pyrazole-substituted heterocyclic systems. <i>Arkivoc</i> , 2021, 2021, 162-235.	0.3	7
22	Aminouracil and aminothiouracil as versatile precursors for a variety of heterocyclic systems. <i>Arkivoc</i> , 2021, 2021, 329-377.	0.3	4
23	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
24	Hantzsch reaction with bis-indole-2,3-diones: Synthesis of novel bis-spirocyclic oxindole incorporating acridine, dipyrazolo[3,4-b:4',3'-e]pyridine and pyrido[2,3-d:6,5-d']dipyrimidine. <i>Synthetic Communications</i> , 2021, 51, 1814-1824.	1.1	6
25	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
26	5-Aminopyrazole-4-carbonitriles as precursors to novel 4-aminotetrahydropyrazolo[3,4-b]quinolin-5-ones and N-(4-cyanopyrazol-5-yl)pyridine-3-carbonitrile. <i>Synthetic Communications</i> , 2021, 51, 2357-2364.	1.1	3
27	Molecular Cloning, Protein Expression, and Regulatory Mechanisms of the Chitinase Gene from <i>Spodoptera littoralis</i> Nucleopolyhedrovirus. <i>Microbiology and Biotechnology Letters</i> , 2021, , .	0.2	0
28	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
29	Hantzsch-like synthesis of bis(sulfanediyl)bis(tetrahydropyrimido[4,5-b]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
30	Computational studies and sever apoptotic bioactivity of new heterocyclic cyanoacrylamide based p-fluorophenyl and p-phenolic compounds against liver carcinoma (Hepg2). <i>Bioorganic Chemistry</i> , 2021, 114, 105147.	2.0	4
31	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
32	Recent Advances in the Functionalization of Azulene Through Pd-Catalyzed Cross-Coupling Reactions. <i>ChemistrySelect</i> , 2021, 6, 13664-13723.	0.7	8
33	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
34	N-(Pyrazol-5-yl)cyanoacetamide in heterocyclic synthesis: synthesis of novel N-(pyrazol-5-yl)pyridine-3,5-dicarbonitrile, pyrazolo[1,5-a]pyrido[3,2-e]pyrimidine-7-carbonitrile and pyrazolo[4,3-e]pyrido[1,2-a]pyrimidine-6,8-dicarbonitrile moieties. <i>Arkivoc</i> , 2020, 2019, 30-41.	0.3	1
35	Synthesis of heterocyclic compounds via Michael and Hantzsch reactions. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1476-1523.	1.4	47
36	2019, 252-266.	0.3	2

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37	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
38	Synthesis and synthetic applications of cyanoacetamides. <i>Arkivoc</i> , 2020, 2020, 297-399.	0.3	4
39	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
40	Hantzsch synthesis of bis(1,4-dihydropyridines) and bis(tetrahydropyrazolo[3,4- <i>b</i> :4',3'- <i>e</i>]pyridines) linked to pyrazole units as novel hybrid molecules. <i>Synthetic Communications</i> , 2020, 50, 1982-1992.	1.1	10
41	Hantzsch-like synthesis of novel bis(hexahydroacridine-1,8-diones), bis(tetrahydropyrazolo[3,4- <i>b</i> :4',3'- <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
42	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
43	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
44	Hantzsch-Like One-Pot Three-Component Synthesis of Heptaazadicyclopenta[<i>a</i> , <i>j</i>]anthracenes: A New Ring System. <i>Synlett</i> , 2020, 31, 895-898.	1.0	19
45	Hantzsch-Like One-Pot Three-Component Synthesis of Heptaazadicyclopenta[<i>a</i> , <i>j</i>]anthracenes: A New Ring System. <i>Synlett</i> , 2020, 31, e1-e1.	1.0	0
46	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.	1.4	16
47	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
48	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.	2.1	41
49	Microwave-assisted three component synthesis of novel bis-fused quinazolin-8(<i>H</i>)-ones linked to aliphatic or aromatic spacer via amide linkages. <i>Synthetic Communications</i> , 2020, 50, 893-903.	1.1	10
50	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
51	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
52	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
53	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
54	Efficient synthesis of novel bis(dihydropyrano[2,3- <i>c</i>]pyrazoles), bis(4H-chromenes) and bis(dihydropyrano[3,2- <i>c</i>]chromenes) with amide functionality. <i>Arkivoc</i> , 2020, 2019, 306-324.	0.3	2

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55	2â€¢Cyanoâ€¢N â€¢(thiophenâ€¢2â€¢yl)acetamide in Heterocyclic Synthesis: Synthesis and Antibacterial Screening of Novel Pyrido[1,2â€¢a]thieno[3,2â€¢e]pyrimidineâ€¢2â€¢carboxylate Moieties. Journal of Heterocyclic Chemistry, 2019, 56, 2637-2643.	1.4	3
56	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.	1.8	5
57	Hantzsch-like three-component synthesis of tetracyclic 10b-azachrysenes: Unambiguous structural elucidation using X-ray crystallography and 2D-HMBC spectroscopy. Tetrahedron Letters, 2019, 60, 151265.	0.7	5
58	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. ChemistrySelect, 2019, 4, 10113-10121.	0.7	36
59	Synthesis of novel hexahydroquinolines and 6â€¢aminoâ€¢2â€¢oxopyridineâ€¢3,5â€¢dicarbonitriles incorporating sulfamethoxazole via [3A+Ã3] annulation. Journal of Heterocyclic Chemistry, 2019, 56, 3387-3395.	1.4	2
60	<i>Moringa peregrina</i> Leaves Extracts Induce Apoptosis and Cell Cycle Arrest of Hepatocellular Carcinoma. BioMed Research International, 2019, 2019, 1-13.	0.9	23
61	Synthesis of Novel Bis(pyrido[2,1â€¢a]isoquinolines) Linked to Aliphatic or Aromatic Core via Ether Linkage. Journal of Heterocyclic Chemistry, 2019, 56, 1914-1921.	1.4	5
62	Bis(enaminones) as Versatile Precursors for Novel Bis([1,2,4]triazolo[1,5â€¢i>a</i>]pyrimidines) and Bis(2â€¢thioxoâ€¢2,3â€¢dihydropyrido[2,3â€¢i>d</i>]pyrimidinâ€¢4(1<i>H</i>)â€¢ones). Journal of Heterocyclic Chemistry, 2019, 56, 1958-1965.	1.4	2
63	An overview on synthetic strategies for the construction of star-shaped molecules. RSC Advances, 2019, 9, 16606-16682.	1.7	19
64	Bis(2-cyanoacetamides): versatile precursors for bis(dihydropyridine-3,5-dicarbonitriles). Arkivoc, 2019, 2018, 39-49.	0.3	12
65	Synthesis, Cytotoxicity, Antimicrobial and Docking Simulation of Novel Pyrazolo[3,4-d]pyrimidine and pyrazolo[4,3-e][1,2,4]triazolo[3,4-c] pyrimidine Derivatives. Mini-Reviews in Medicinal Chemistry, 2019, 19, 657-670.	1.1	5
66	Molecular Studies on Novel Antitumor Bis 1,4-Dihydropyridine Derivatives Against Lung Carcinoma and their Limited Side Effects on Normal Melanocytes. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 2156-2168.	0.9	24
67	Recent Synthetic Approaches and Biological Evaluations of Amino Hexahydroquinolines and Their Spirocyclic Structures. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 875-915.	0.9	6
68	MicroRNA-215 as a Diagnostic Marker in Egyptian Patients with Hepatocellular Carcinoma. Asian Pacific Journal of Cancer Prevention, 2019, 20, 2723-2731.	0.5	11
69	Novel bis(dihydropyrano[3,2â€¢i>c</i>]chromenes): Synthesis, Antiproliferative Effect and Molecular Docking Simulation. Journal of Heterocyclic Chemistry, 2018, 55, 498-507.	1.4	36
70	Cytotoxicity, molecular modeling, cell cycle arrest, and apoptotic induction induced by novel tetrahydro-[1,2,4]triazolo[3,4-a]isoquinoline chalcones. European Journal of Medicinal Chemistry, 2018, 143, 532-541.	2.6	41
71	Synthesis of novel bis(nicotinecarbonitrile) derivatives. Arkivoc, 2018, 2018, 97-108.	0.3	10
72	Synthesis of novel bis(dihydropyridine) and terpyridine derivatives. Arkivoc, 2018, 2018, 109-123.	0.3	8

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73	3-aminomethylpyrazole-4-carbonitrile: Versatile Reagent for Novel Bis(pyrazolo[1,5-a]pyridine) Derivatives via a Multicomponent Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2792-2798.	1.4	8
74	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
75	Cyclic Enaminone Incorporating 5-cyanomethylpyrazole-4-carbonitrile: Unexpected Formation of Pyrazolo[1,5-a]pyridine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1798-1803.	1.4	4
76	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
77	Synthesis, Chemistry and Utilities of Diaminoazoles with Special Reference to 3,5-diaminopyrazoles. <i>Current Organic Synthesis</i> , 2018, 15, 487-514.	0.7	1
78	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
79	Microwave Assisted Green Multicomponent Synthesis of Novel bis(2-amino-4-hydroxy-6-chromene-3-carbonitrile) Derivatives Using Chitosan as Eco-friendly Basic Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 305-312.	1.4	43
80	Facile Synthesis of 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
81	Acetylacetaldehyde Dimethyl Acetal as Versatile Precursors for the Synthesis of Arylazonicotinic Acid Derivatives: Green Multicomponent Syntheses of Bioactive Polyheteroaromatic Compounds. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1048-1053.	1.4	6
82	New Synthesis of N-(1-H-pyrazol-5-yl)-hexahydroquinoline-3-carbonitrile and octahydropyrazolo[4 ² ,3 ² :5,6]pyrimido[1,2-a]quinoline-6-carbonitrile Derivatives from the Cyclic Enaminones. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1193-1198.	1.4	8
83	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 ² ,3 ² :5,6]pyrano[2,3-b]pyridine-6-carbonitrile) derivatives. <i>Bioorganic Chemistry</i> , 2017, 71, 19-29.	2.0	60
84	Experimental and theoretical study on the regioselective bis- and polyalkylation of 2-mercaptocytosinonitrile and 2-mercaptopyrimidine-5-carbonitrile derivatives. <i>Tetrahedron</i> , 2017, 73, 1436-1450.	1.0	39
85	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
86	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
87	Facile One-pot, Three-component Synthesis of Novel Bis-heterocycles Incorporating 5-hydroxy-6-chromeno[2,3-b]pyridine-3-carbonitrile Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2844-2849.	1.4	36
88	Dianionic Oxy-Cope Rearrangement with Benzil Derivatives: meso-selective 3,3-Coupling of Two Tetrahydrofuran Moieties. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6951-6956.	1.2	1
89	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
90	Synthesis and Anti-influenza Virus Activity of Novel bis(4-hydroxy-6-chromene-3-carbonitrile) Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1854-1862.	1.4	47

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91	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. Turkish Journal of Chemistry, 2017, 41, 410-419.	0.5	14
92	Anticancer Activities of New N-hetaryl-2-cyanoacetamide Derivatives Incorporating 4,5,6,7-Tetrahydrobenzo[b]thiophene Moiety. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1084-1092.	0.9	9
93	An efficient one-pot, three-component synthesis of 6-cyano-hexahydro-4H-thieno[3',2':5,6]pyrimido[1,2-a]quinoline-2-carboxylates and their spiro derivatives from β -enaminones. Turkish Journal of Chemistry, 2016, 40, 434-440.	0.5	5
94	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. Journal of Heterocyclic Chemistry, 2016, 53, 817-823.	1.4	23
95	Hydrazononitriles as Precursors for α -aminotriazoles and β -aminoisoxazoles: One Pot Synthesis of triazolo[1,5-a]quinazoline Derivatives. Journal of Heterocyclic Chemistry, 2016, 53, 1251-1258.	1.4	3
96	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[2 ϵ :1 ϵ :5,6]Pyrido[2,3-d]Pyrimidine in Water. Journal of Heterocyclic Chemistry, 2016, 53, 2084-2090.	1.4	36
97	An Efficient Synthesis of 1-(4H-1,2,4-Triazol-3-yl)-Hexahydroquinoline-3-carbonitrile and their Spiro Derivatives from β -Enaminones. Heterocycles, 2016, 92, 637.	0.4	21
98	Synthesis and Antimicrobial Evaluations of Novel Spiro Cyclic 2-Oxindole Derivatives of N-(1H-Pyrazol-5-yl)-Hexahydroquinoline Derivatives. Heterocycles, 2016, 92, 1075.	0.4	20
99	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 . RSC Advances, 2016, 6, 40900-40910.	1.7	46
100	Microwave Assisted Multi-Component Synthesis of Novel Bis(1,4-dihydropyridines) Based Arenes or Heteroarenes. Heterocycles, 2016, 92, 910.	0.4	37
101	1,1'-Bis(formylphenoxy)alkane: versatile precursors for novel bis-dihydropyridine derivatives. Monatshefte für Chemie, 2016, 147, 1227-1232.	0.9	14
102	Synthetic Routes to Spirocyclic Pyridazines, Partially-Saturated Pyridazines and Their Condensed Derivatives. Current Organic Chemistry, 2016, 20, 1512-1546.	0.9	13
103	Multicomponent Synthesis of Novel bis(2-amino-tetrahydro-4H-chromene-3-carbonitrile) Derivatives Linked to Arene or Heteroarene Cores. Current Organic Synthesis, 2016, 13, 601-610.	0.7	43
104	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. Arkivoc, 2016, 2016, 304-312.	0.3	17
105	A facile synthesis of 3-amino-2,5-dihydropyridazines and 4-deazatoxoflavin analogues via [3+3] atom combination. European Journal of Chemistry, 2016, 7, 73-80.	0.3	4
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