

# Hamdi M Hassaneen

## List of Publications by Year in descending order

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75  
papers

997  
citations

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16  
h-index

552653

26  
g-index

75  
all docs

75  
docs citations

75  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	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>c</i> ]Isoquinolin Chalcones. Polycyclic Aromatic Compounds, 2023, 43, 268-287.	1.4	5
2	Reactivity of <i>N</i> -(4-Nitrophenyl)propionohydrazonoyl Bromide. Synthesis and Antimicrobial Study of Thiadiazoles and 4,6-Dithia-1,2,9-triazaspiro-[4.4]-non-2-en-8-ones. Polycyclic Aromatic Compounds, 2023, 43, 572-585.	1.4	0
3	Structure-based design of novel pyrazolyl chalcones as anti-cancer and antimicrobial agents: synthesis and in vitro studies. Monatshefte für Chemie, 2022, 153, 211-221.	0.9	22
4	Anticancer activity of novel 3-(furan-2-yl)pyrazolyl and 3-(thiophen-2-yl)pyrazolyl hybrid chalcones: Synthesis and in vitro studies. Archiv Der Pharmazie, 2022, 355, e2100381.	2.1	25
5	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. Synthetic Communications, 2021, 51, 553-562.	1.1	6
6	Convenient synthesis and antibacterial activity of novel 5-phenyldiazenyl-1,3,4-thiadiazole derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 486-496.	0.8	2
7	Novel [1,2,4]triazolo[3,4- <i>a</i> ]isoquinoline chalcones as new chemotherapeutic agents: Block IAP tyrosine kinase domain and induce both intrinsic and extrinsic pathways of apoptosis. Investigational New Drugs, 2021, 39, 98-110.	1.2	26
8	5-Aminopyrazole-4-carbonitriles as precursors to novel 4-aminotetrahydropyrazolo[3,4- <i>b</i> ]quinolin-5-ones and <i>N</i> -(4-cyanopyrazol-5-yl)pyridine-3-carbonitrile. Synthetic Communications, 2021, 51, 2357-2364.	1.1	3
9	Synthesis of Novel <i>N</i> , <i>N'</i> -Diphenyl-1,3-Benzene-bis-Carbohydrazonoyl Bromide and its Utility in Facile Synthesis of New 1,3-Phenylene Bridged bis-Heterocycles. Polycyclic Aromatic Compounds, 2020, 40, 803-810.	1.4	1
10	Synthesis and antimicrobial activity of new thiazole and thiadiazole derivatives <i>via</i> ethyl pyruvate. Journal of Sulfur Chemistry, 2020, 41, 130-145.	1.0	7
11	Synthesis, reactions, and antimicrobial activity of some novel pyrazolo[3,4- <i>d</i> ]pyrimidine, pyrazolo[4,3- <i>e</i> ][1,2,4]triazolo[1,5- <i>e</i> ]pyrimidine, and pyrazolo[4,3- <i>e</i> ][1,2,4]triazolo[3,4- <i>e</i> ]pyrimidine derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 892-912.	1.4	5
12	Hantzsch-Like Three-Component Synthesis of 9,10-Dihydro-3 <i>H</i> -10 <i>a</i> -azaphenanthrene-2,4-dicarbonitriles. Synlett, 2020, 31, 1126-1128.	1.0	8
13	Molecular Docking Study, Cytotoxicity, Cell Cycle Arrest and Apoptotic Induction of Novel Chalcones Incorporating Thiadiazolyl Isoquinoline in Cervical Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 70-83.	0.9	35
14	Synthesis, Cytotoxicity and Docking Simulation of Novel Annulated Dihydroisoquinoline Heterocycles. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1166-1178.	1.1	3
15	Hantzsch-like three-component synthesis of tetracyclic 10 <i>b</i> -azachrysenes: Unambiguous structural elucidation using X-ray crystallography and 2D-HMBC spectroscopy. Tetrahedron Letters, 2019, 60, 151265.	0.7	5
16	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.	1.4	5
17	Synthesis, Cytotoxicity, Antimicrobial and Docking Simulation of Novel Pyrazolo[3,4- <i>d</i> ]pyrimidine and pyrazolo[4,3- <i>e</i> ][1,2,4]triazolo[3,4- <i>c</i> ]pyrimidine Derivatives. Mini-Reviews in Medicinal Chemistry, 2019, 19, 657-670.	1.1	5
18	Biological Activity, Apoptotic Induction and Cell Cycle Arrest of New Hydrazonoyl Halides Derivatives. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1141-1149.	0.9	3

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19	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
20	Cyclic Enaminone Incorporating 5-cyanomethylpyrazole-carbonitrile: Unexpected Formation of Pyrazolo[1,5-a]pyridine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1798-1803.	1.4	4
21	Synthesis and Reactions of Pyrido[2,1-a]isoquinolin-4-yl Formimidate Derivatives and Antimicrobial Activities of Isolated Products. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2850-2858.	1.4	9
22	A Convenient Regioselective Synthesis of Novel 1,4-Phenylene methylene-bis([1,2,4-triazolo[4,3-b][1,2,4]triazin-7(1H)-ones). <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3015-3022.		
23	A convenient synthesis of novel 1,3-phenylene bridged-bis-heterocyclic compounds. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 241-250.	1.0	10
24	Synthesis and cycloaddition reactions of 4,4-dimethyl-2,6-dioxocyclohexane-thiocarboxamides with nitrilimines. <i>Arkivoc</i> , 2015, 2014, 156-169.	0.3	4
25	Phenacyl Bromides Revisited: Facile Synthesis of Some New Pyrazoles, Pyridazines, and Their Fused Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 475-481.	1.4	4
26	A Novel Route to Isoquinoline[2,1-g][1,6]naphthyridine, Pyrazolo[5,1-a]isoquinoline and Pyridazino[4',5':3,4]pyrazolo[5,1-a]isoquinoline Derivatives With Evaluation of Antitumor Activities. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 895-904.	0.3	17
27	Synthesis and Reactivity of 2-Chloro-3-formylpyrido[2,1-a]isoquinoline Derivative. A Novel Routes to Pyrazolo[3',4':4,5]pyrido[2,1-a]isoquinoline and Isoquinolino[2,1-g][1,6]naphthyridines. <i>Heterocycles</i> , 2012, 85, 2933.	0.4	7
28	Reactivity of 1-methylisoquinoline synthesis of pyrazolyl triazoloisoquinoline and thia-diazolyl isoquinoline derivatives. <i>Natural Science</i> , 2011, 03, 651-660.	0.2	7
29	Synthesis, Reactions and Antibacterial Activity of 3-Acetyl[1,2,4]triazolo[3,4-a]isoquinoline Derivatives using Chitosan as Heterogeneous Catalyst under Microwave Irradiation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 299-310.	0.3	17
30	Reactivity of 3-Cyanoacetylindole Derivatives: Synthesis of 3-Hydrazonopyrazolyl and 3-Thiadiazolyl Indole Derivatives. <i>International Journal of Organic Chemistry</i> , 2011, 01, 97-104.	0.3	8
31	Synthesis of Tetra- and Pentaheterocyclic Compounds Incorporated Isoquinoline Moiety. <i>Heterocycles</i> , 2009, 78, 337.	0.4	9
32	A Facile Access for Synthesis of Novel Isoquinoline-Based Heterocycles. <i>Heterocycles</i> , 2009, 78, 1507.	0.4	6
33	A new convenient synthesis of 2,4-disubstituted-1,2,4-triazolo[1,5-a]quinazolin-5(4H)-ones. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1825-1829.	1.4	8
34	A new strategy for the synthesis of pyrazolo[4,3-e][1,2,4]triazolo[4,3-c]pyrimidines and pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidines. <i>Tetrahedron</i> , 2008, 64, 10339-10343.	1.0	28
35	NMR Determination of the Structure of Azolopyrimidines Produced from Reaction of Bidentate Electrophiles and Aminoazoles. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 217-222.	0.3	7
36	A Convenient Synthesis of Novel Series of 4-Cyclohexyl-2-substituted [1,2,4]Triazolo[1,5-a]quinazolin-5(4H)-ones. Novel Isomers of H1 Antihistaminic Active Agents. <i>Heterocycles</i> , 2008, 75, 1479.	0.4	18

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37	Studies with 6,7-Dimethoxy-3,4-dihydroisoquinolin-1-yl-acetonitrile: Novel Syntheses of 1-Azolyl- and Pyridoisquinolines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 111-116.	0.3	9
38	Studies with enamines and azaenamines: A novel efficient route to 6-aminomino-1,4-dihydropyridazines and their condensed derivatives. Journal of Heterocyclic Chemistry, 2007, 44, 105-108.	1.4	46
39	A Novel Route to 4-Aminopyrazoles and Aminopyrazolo[4,3-b]pyridines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1158-1161.	0.3	6
40	Enamines in Heterocyclic Synthesis: A Route to 4-Substituted Pyrazoles and Condensed Pyrazoles. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1132-1136.	0.3	13
41	Polyfunctional fused heterocyclic compounds via indene-1,3-diones. Heteroatom Chemistry, 2003, 14, 491-497.	0.4	14
42	Reactivity of 1-Methylisoquinoline. Synthesis of 2-(1-Isoquinolinemethylidene)-1,3,4-Thiadiazole Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 59-66.	0.8	10
43	NOVEL SYNTHESIS OF 4,5-DIHYDROSPIROPYRAZOLE- 5,2-INDANE-1,3-DIONES. Synthetic Communications, 2002, 32, 3047-3055.	1.1	15
44	REACTIVITY OF 1-METHYLISOQUINOLINE. ONE POT SYNTHESIS OF BENZO[a]-QUINOLIZINE DERIVATIVES. Synthetic Communications, 2002, 32, 581-589.	1.1	15
45	Synthesis and reactions of indane-1,3-dione-2-thiocarboxanilides with hydrazonoyl halides and active chloromethylene compounds. Heteroatom Chemistry, 2002, 13, 585-591.	0.4	9
46	Phosphonium Ylides In Organic Synthesis III. 12 A Novel Synthesis Of $\alpha$ -Substituted Ylides and Pyrazole Systems. Synthetic Communications, 1999, 29, 1527-1534.	1.1	9
47	REACTION OF HYDRAZONOYL HALIDES WITH 5-ARYLMETHYLENE-3-PHENYL-2-THIOXOTHIAZOLIDIN-4-ONE. SYNTHESIS OF 4,9-DITHIA-1,2,6-TRIAZASPIRO[4,4]NONAN-2-EN-7-ONE. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 113, 53-58.	0.8	9
48	Synthesis of [1,2,4]triazolo[3,4-a]isoquinolines and pyrrolo[2,1-a]isoquinolines using $\alpha$ -keto hydrazonoyl halides. Tetrahedron, 1996, 52, 3451-3456.	1.0	71
49	SITE SELECTIVITY AND REGIOCHEMISTRY OF NITRILIMINES. CYCLOADDITIONS TO 1,3-DIPHENYL-2-THIONO-4-IMIDAZOLIDINONE AND ITS 5-PHENYLMETHYLENE DERIVATIVES. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 107, 269-273.	0.8	12
50	Synthesis of 1,3-Disubstituted 1,2,4-Triazolo[4,3-a]quinazolin-5-one Derivatives. Heterocycles, 1995, 41, 1999.	0.4	13
51	SYNTHESIS AND REACTIONS OF PHOSPHINIMINES USING HYDRAZONOYL HALIDES. Organic Preparations and Procedures International, 1994, 26, 588-593.	0.6	1
52	SYNTHESIS OF PYRAZOLO[3,4-d]PYRIDAZINE, PYRAZOLO[3,4-d]PYRIMIDINE AND IMIDAZO[1,2-a]PYRIDINE DERIVATIVES USING HYDRAZONYL BROMIDES. Organic Preparations and Procedures International, 1992, 24, 171-175.	0.6	19
53	Synthesis of C-(2-furyl)-N-(4-nitrophenyl)methanohydrazonyl bromide. Reactions with nucleophiles and active methylene compounds. Archives of Pharmacal Research, 1991, 14, 266-270.	2.7	15
54	Synthesis and Biological Activities of Some Pyrrolopyrazoles and 2-Pyrazolines. Archiv Der Pharmazie, 1991, 324, 35-37.	2.1	10

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55	Synthesis and cycloaddition reactions of N-aryl-2-furohydrazonyl chlorides. Archives of Pharmacal Research, 1990, 13, 126-131.	2.7	13
56	The structure of the Cycloaddition products of C-(2-thenoyl)-N-arylmethanohydrazonyl bromides to some substituted olefins. Journal Für Praktische Chemie, 1990, 332, 484-490.	0.2	3
57	SYNTHESIS AND REACTIONS OF TRIPHENYLPHOSPHONIMINOGLYOXALIC ACID ANILIDE ARYLHYDRAZONES. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 53, 259-265.	0.8	7
58	A Convenient Synthesis of 3,5'-Bipyrazolyl Derivatives via Hydrazonyl Halides. Heterocycles, 1990, 31, 1041.	0.4	13
59	SYNTHESIS OF PYRAZOLES AND 2-PYRAZOLINES FROM C-PHENYLAMINOCARBONYL-N-ARYLFORMOHDRAZIDOYL CHLORIDES. Organic Preparations and Procedures International, 1989, 21, 119-124.	0.6	2
60	Direct Synthesis of Pyrazoles via reaction of C-ethoxycarbonyl-N-arylnitrilimines with benzalmalononitriles and some $\alpha$ -cyanocinnamic acid derivatives. Journal Für Praktische Chemie, 1988, 330, 558-562.	0.2	2
61	SYNTHESIS AND REACTIONS OF SOME 2-THIENYL- AND 2-THENOYL-DERIVATIVES OF THIAZOLE AND THIADIAZOLINE AND THEIR SELENIUM ANALOGS. Phosphorous and Sulfur and the Related Elements, 1988, 40, 243-249.	0.2	26
62	A FACILE SYNTHESIS OF ARYLAZOSELENAZOLES AND OF AROYLSELENADIAZOLES. Organic Preparations and Procedures International, 1988, 20, 505-510.	0.6	10
63	A One Step Synthesis of 4-Cyanopyrazoles. Heterocycles, 1988, 27, 2857.	0.4	11
64	Chemistry of C-Heteroarylhydrazidoyl Halides. Synthesis and Reactions of N-(p-Nitrophenyl)-C-(2-thienyl)-formohydrazidoyl Halides. Heterocycles, 1988, 27, 695.	0.4	50
65	Regioselectivity in dipolar cycloaddition reactions of $N$ -phenylcinnamonitrilimine. Journal of Heterocyclic Chemistry, 1987, 24, 577-580.	1.4	12
66	Synthesis and reactions of N-Aryl-C-arylsulfonylformohydrazidoyl bromides. Journal of Heterocyclic Chemistry, 1985, 22, 395-400.	1.4	8
67	Synthesis of pyrazolo[3,2-c]-1,2,4-triazines from N-(5-pyrazolyl)- $\alpha$ -ketohydrazidoyl halides. Journal of Heterocyclic Chemistry, 1985, 22, 453-455.	1.4	16
68	The regioselectivity in the formation of pyrazolines and pyrazoles from nitrile imines. Journal of Heterocyclic Chemistry, 1984, 21, 1013-1016.	1.4	49
69	Reactions of $\alpha$ -ketohydrazidoyl halides with some heterocyclic amines. Facile synthesis of arylazo derivatives of fused heterocycles with a bridgehead nitrogen atom. Journal of Heterocyclic Chemistry, 1983, 20, 639-643.	1.4	35
70	A facile synthesis of 1,3,4-selenadiazolo[2,3-b]quinazoline derivatives via japp-klingemann reaction. Journal of Heterocyclic Chemistry, 1983, 20, 719-721.	1.4	14
71	ACIDITY AND REACTIVITY OF $\alpha$ -ARYLAZOPHENACYLTRIPHENYLPHOSPHONIUM BROMIDES. Phosphorous and Sulfur and the Related Elements, 1982, 12, 377-383.	0.2	1
72	A one step synthesis of thiadiazolo[2,3-b]quinazoline derivatives. Journal of Heterocyclic Chemistry, 1982, 19, 73-75.	1.4	14

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73	Hydrazidoyl halides in synthesis of $\hat{I}^{2+}$ 1,3,4-selenadiazolin-5-ones. Journal of Heterocyclic Chemistry, 1980, 17, 1185-1187.	1.4	12
74	Direct nitration of aldehyde arylhydrazones and the use of the products in the synthesis of some heterocyclic compounds. Journal of Heterocyclic Chemistry, 1980, 17, 1745-1749.	1.4	26
75	Design, synthesis, molecular prediction and biological evaluation of pyrazole-azomethine conjugates as antimicrobial agents. Synthetic Communications, 0, , 1-17.	1.1	5