Ramadan Ahmed Mekheimer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9424189/publications.pdf

Version: 2024-02-01

67	1,036	430874	477307
papers	citations	18 h-index	29 g-index

71	71	71	1042
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent developments in the green synthesis of biologically relevant cinnolines and phthalazines. ChemistrySelect, 2022, .	1.5	0
2	Discovery of new pyrimido[5,4-c]quinolines as potential antiproliferative agents with multitarget actions: Rapid synthesis, docking, and ADME studies. Bioorganic Chemistry, 2022, 121, 105693.	4.1	24
3	Controlled microwave-assisted reactions: A facile synthesis of polyfunctionally substituted phthalazines as dual EGFR and PI3K inhibitors in CNS SNB-75 cell line. Bioorganic Chemistry, 2022, 122, 105740.	4.1	3
4	New s-Triazine/Tetrazole conjugates as potent antifungal and antibacterial agents: Design, molecular docking and mechanistic study. Journal of Molecular Structure, 2022, 1267, 133615.	3.6	15
5	Microwave-assisted reactions: Efficient and versatile one-step synthesis of 8-substituted xanthines and substituted pyrimidopteridine-2,4,6,8-tetraones under controlled microwave heating. Green Processing and Synthesis, 2021, 10, 201-207.	3.4	4
6	A reflection on the life of Mohamed H. Elnagdi (1941â€“2021). Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 604-604.	1.6	0
7	Recent developments in the utility of Zn(Lâ€proline)2as benign and recyclable metalloâ€organocatalyst in organic synthesis. Applied Organometallic Chemistry, 2020, 34, e5315.	3.5	0
8	Microwave-assisted efficient one-pot synthesis of N²-(tetrazol-5-yl)-6-aryl/heteroaryl-5,6-dihydro-1,3,5-triazine-2,4-diamines. Beilstein Journal of Organic Chemistry, 2020, 16, 1706-1712.	2.2	7
9	Advancements in the synthesis of fused tetracyclic quinoline derivatives. RSC Advances, 2020, 10, 19867-19935.	3.6	36
10	Recent Advances in the Utility of Glycerol as a Benign and Biodegradable Medium in Heterocyclic Synthesis. Current Organic Chemistry, 2020, 23, 3226-3246.	1.6	10
11	Densely functionalized cinnolines: Controlled microwave-assisted facile one-pot multi-component synthesis and in vitro anticancer activity via apoptosis induction. Bioorganic Chemistry, 2020, 101, 103932.	4.1	6
12	Aroyl and acyl cyanides as orthogonal protecting groups or as building blocks for the synthesis of heterocycles. Molecular Diversity, 2019, 23, 1065-1084.	3.9	1
13	Recent Developments in the Synthesis of Cinnoline Derivatives. Mini-Reviews in Organic Chemistry, 2019, 16, 578-588.	1.3	6
14	Chloroquinoline-3-carbonitriles: Synthesis and Reactions. Current Organic Chemistry, 2019, 23, 823-851.	1.6	2
15	Naphthyridines part 4: unprecedented synthesis of polyfunctionally substituted benzo[c][2,7]naphthyridines and benzo[c]pyrimido[4,5,6-ij][2,7]naphthyridines with structural analogy to pyrido[4,3,2-mn]acridines present in the marine tetracyclic pyridoacridine alkaloids. Molecular Diversity, 2018, 22, 159-171.	3.9	3
16	Synthesis, spectrophotometric characterization and DFT computational study of a novel quinoline derivative, 2-amino-4-(2,4,6-trinitrophenylamino)-quinoline-3-carbonitrile. Journal of Molecular Liquids, 2018, 249, 501-510.	4.9	25
17	A Novel Synthesis of Highly Functionalized Pyridines by a One-Pot, Three-Component Tandem Reaction of Aldehydes, Malononitrile and N-Alkyl-2-cyanoacetamides under Microwave Irradiation. Molecules, 2018, 23, 619.	3.8	14
18	Synthesis, spectral studies and DFT computational analysis of hydrogen bonded-charge transfer complex between chloranilic acid with 2,4-diamino-quinoline-3-carbonitrile in different polar solvents. Journal of Molecular Liquids, 2017, 231, 602-619.	4.9	36

#	Article	IF	Citations
19	Fused quinoline heterocycles X. First synthesis of new four heterocyclic ring systems 10-amino-6,9-disubstituted-[1,2,4]triazino[4â€²,3â€²:1,5]pyrazolo[4,3-c]quinoline derivatives. Synthetic Communications, 2017, 47, 1052-1064.	2.1	10
20	Regio- and stereoselective 1,3-dipolar cycloaddition reactions of C-aryl (or hetaryl)-N-phenylnitrones to monosubstituted ylidene malononitriles and 4-benzylidene-2-phenyloxazol-5(4H)-one. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 317-326.	0.7	2
21	An expeditious and green synthesis of new enaminones and study their chemical reactivity toward some different amines and binucleophiles under environmentally friendly conditions. Arabian Journal of Chemistry, 2017, 10, S2697-S2704.	4.9	6
22	A Novel Synthesis of 1â€Arylâ€6â€bromoâ€3â€(5â€ethylthioâ€4â€phenylâ€4Hâ€1,2,4â€triazolâ€3â€yl)â€1Hâ€pyrazolo[4,3â€b]quinovia Thermal Cyclization of 4â€Azidopyrazoles. Journal of Heterocyclic Chemistry, 2016, 53, 1159-1167.	2.6	4
23	Zn(L-proline)2: An Efficient and Recyclable Catalytic System for the Asymmetric Multicomponent Synthesis of 2-amino-4H-chromenes in Water Under Controlled Microwave Heating. Current Microwave Chemistry, 2016, 3, 227-232.	0.8	8
24	An efficient multicomponent, one-pot synthesis of Betti bases catalyzed by cerium (IV) ammonium nitrate (CAN) at ambient temperature. Green Processing and Synthesis, 2016, 5, 365-369.	3.4	7
25	Recent developments in utility of green multi-component reactions for the efficient synthesis of polysubstituted pyrans, thiopyrans, pyridines, and pyrazoles. Molecular Diversity, 2015, 19, 625-651.	3.9	29
26	Synthesis and Characterization of New 1,2,4â€Triazolo[1,5â€a]pyridines That Extend the Life Span of Caenorhabiditis elegans via Their Antiâ€Inflammatory/Antioxidant Effects. Archiv Der Pharmazie, 2015, 348, 650-665.	4.1	7
27	Synthesis and Spectroscopic Properties of New Azo Dyes Derived from 3-Ethylthio-5-cyanomethyl-4-phenyl-1,2,4-triazole. Molecules, 2014, 19, 2993-3003.	3.8	16
28	Regioselectivity in the multicomponent reaction of 5-aminopyrazoles, cyclic 1,3-diketones and dimethylformamide dimethylacetal under controlled microwave heating. Beilstein Journal of Organic Chemistry, 2012, 8, 18-24.	2.2	44
29	Novel 1,2,4-Triazolo[1,5-a]pyridines and Their Fused Ring Systems Attenuate Oxidative Stress and Prolong Lifespan of Caenorhabiditis elegans. Journal of Medicinal Chemistry, 2012, 55, 4169-4177.	6.4	47
30	Green and Highly Efficient Synthesis of 2-Arylbenzothiazoles Using Glycerol without Catalyst at Ambient Temperature. Molecules, 2012, 17, 6011-6019.	3.8	39
31	Cerium (IV) ammonium nitrate-mediated reactions: Simple route to benzimidazole derivatives. Arabian Journal of Chemistry, 2012, 5, 63-66.	4.9	15
32	Spectroscopic studies on the proton transfer reactions of 4-hydroxy-2-oxo-1,2-dihydroquinolin-3-carbonitrile with different amines in acetonitrile. Journal of Molecular Liquids, 2012, 167, 78-85.	4.9	6
33	Recent developments in the chemistry of pyrazolo[4,3-c]quinolines. Tetrahedron, 2012, 68, 1637-1667.	1.9	52
34	Simple, Three-Component, Highly Efficient Green Synthesis of Thiazolo[3,2-a]pyridine Derivatives Under Neat Conditions. Synthetic Communications, 2011, 41, 2511-2516.	2.1	23
35	Solar Thermochemical Reactions IV: Unusual Reaction of Nitrones with Acetonitrile Derivatives Induced by Solar Thermal Energy. Green and Sustainable Chemistry, 2011, 01, 176-181.	1.2	5
36	Green chemistry: A facile synthesis of polyfunctionally substituted thieno[3,4-c]pyridinones and thieno[3,4-d]pyridazinones under neat reaction conditions. Ultrasonics Sonochemistry, 2010, 17, 909-915.	8.2	12

#	Article	IF	Citations
37	Green, three component highly efficient synthesis of 2-amino-5,6,7,8-tetrahydro-4-H-chromen-3-carbonitriles in water at ambient temperature. Green Chemistry Letters and Reviews, 2010, 3, 161-163.	4.7	24
38	Fused Quinoline Heterocycles IX: First Example of a 3,4-Diamino-1H-pyrazolo[4,3-c]quinoline and a 3-Azido-1H-1,2,4,5,6,6a-hexaazabenzo[a]indacene. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 973-979.	0.7	7
39	Microwaveâ€assisted reactions: Three component process for the synthesis of 2â€aminoâ€2â€chromenes under microwave heating. Journal of Heterocyclic Chemistry, 2009, 46, 149-151.	2.6	32
40	Naphthyridines. Part 3: First example of the polyfunctionally substituted 1,2,4-triazolo[1,5-g][1,6]naphthyridines ring system. Tetrahedron, 2009, 65, 9843-9849.	1.9	7
41	Microwave-assisted reactions: Three-component process for the synthesis of 2-amino-2-chromenes under microwave heating. Chinese Chemical Letters, 2009, 20, 271-274.	9.0	16
42	Solar thermochemical reactions III: A convenient one-pot synthesis of 1,2,4,5-tetrasubstituted imidazoles catalyzed by high surface area SiO2 and induced by solar thermal energy. Chinese Chemical Letters, 2009, 20, 812-814.	9.0	21
43	A new thermal study of the reaction of 6â€azidopyridones with different amines and hydrazines. Journal of Heterocyclic Chemistry, 2008, 45, 97-101.	2.6	2
44	Solar thermochemical reactions II1: Synthesis of 2-aminothiophenes via Gewald reaction induced by solar thermal energy. Chinese Chemical Letters, 2008, 19, 788-790.	9.0	25
45	Cerium (IV) Ammonium Nitrate (CAN) Catalyzed One-pot Synthesis of 2-Arylbenzothiazoles. Molecules, 2008, 13, 2908-2914.	3.8	43
46	Solar thermochemical reactions: four-component synthesis of polyhydroquinoline derivatives induced by solar thermal energy. Green Chemistry, 2008, 10, 592.	9.0	93
47	Fused quinoline heterocycles VIII. Synthesis of polyfunctionally substituted pyrazolo[4,3-c]quinolin-4(5H)-ones. Journal of Chemical Research, 2008, 2008, 735-737.	1.3	6
48	First Synthesis and Isolation of the E- and Z-Isomers of Some New Schiff Bases. Reactions of 6-Azido-5-Formyl-2-Pyridone with Aromatic Amines. Molecules, 2008, 13, 195-203.	3.8	5
49	1,8-Naphthyridines II: synthesis of novel polyfunctionally substituted 1,8-naphthyridinones and their degradation to 6-aminopyridones. Arkivoc, 2007, 2007, 269-281.	0.5	17
50	Fused quinoline heterocycles VI: Synthesis of 5H-1-thia-3,5,6-triazaaceanthrylenes and 5H-1-thia-3,4,5,6-tetraazaaceanthrylenes. Journal of Heterocyclic Chemistry, 2005, 42, 567-574.	2.6	15
51	Fused Quinoline Heterocycles. Part 6. Synthesis of 5H-1-Thia-3,5,6-triazaaceanthrylenes and 5H-1-Thia-3,4,5,6-tetraazaaceanthrylenes.. ChemInform, 2005, 36, no.	0.0	0
52	Synthesis of some novel azido- and tetrazoloquinoline-3-carbonitriles and their conversion into 2,4-diaminoquinoline-3-carbonitriles. Journal of Chemical Research, 2005, 2005, 82-85.	1.3	13
53	Fused Quinoline Heterocycles V. Synthesis of Novel 1,2,3,5,6-Pentaazaaceanthrylene Derivatives. Journal of Chemical Research, 2003, 2003, 388-389.	1.3	8
54	FUSED QUINOLINE HETEROCYCLES. II. FIRST SYNTHESIS OF 1,2,3,4,5,6-HEXAAZAACEANTHRYLENES AND 5,7,8,10a,11-PENTAAZABENZO[a]-FLUORENES. Synthetic Communications, 2001, 31, 1971-1982.	2.1	13

#	Article	IF	Citations
55	FUSED QUINOLINE HETEROCYCLES IV. FIRST SYNTHESIS OF FOUR HETEROCYCLIC RING SYSTEMS OF lH-5-THIA-l,2,3,6-TETRA-AZAACEPHENANTHRYLENES AND 1H-5-THIA-l,3,6-TRIAZAACEPHENANTHRYLENES. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 175, 49-63.	1.6	1
56	Fused Quinoline Heterocycles IV: First Synthesis of Four Heterocyclic Ring Systems of 1H-5-Thia-1,2,3,6-Tetraazaacephenanthrylenes and 1H-5-Thia-1,3,6-Triazaacephenanthrylenes. Synthesis, 2001, 2001, 0097-0102.	2.3	16
57	A New Approach to the Synthesis of Polyfunctionally Substituted 1,8-Naphthyridin-2-one Derivatives from 6-Azidopyridones: A Novel Thermal Decomposition to 6-Aminopyridones. Synthesis, 2001, 2001, 0103-0107.	2.3	15
58	Fused Quinoline Heterocycles III: Synthesis of First Annulated 1,4,5,6,6a-Pentaazabenzo[a]indacenes, 1,3,5,6-tetraazaaceanthrylenes and 5,7,9,11-Tetraazabenzo[a]fluorenes. Synthesis, 2000, 2000, 2078-2084.	2.3	16
59	Synthesis and Reactivity of 3-Alkylthio-5-cyanomethyl-4-phenyl-1,2,4-triazoles. Journal of Chemical Research, 1999, 23, 76-77.	1.3	1
60	Synthesis and Reactivity of 3-Alkylthio-5-cyanomethyl-4-phenyl-1,2,4-triazoles. Journal of Chemical Research Synopses, 1999, , 76-77.	0.3	18
61	Fused quinoline heterocycles I. First example of the 2,4-diazidoquinoline-3-carbonitrile and 1-aryl-1,5-dihydro-1,2,3,4,5,6-hexaazaacephenanthrylenes ring systems. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2183-2188.	0.9	24
62	A Convenient One-pot Synthesis of Pyrimido[4,5-b]quinolines as 5-Deaza Non-classical Antifolate Inhibitors. Journal of Chemical Research, 1999, 23, 678-679.	1.3	0
63	NUCLEOPHILIC SUBSTITUTION of 2,4-DICHLOROQUINOLINE-3-CARBONITILE WITH DIFFERENT NUCLEOPHILES. SYNTHESIS of SEVERAL NEW QUINOLINE-3-CARBONITRILE DERIVATIVES. Heterocyclic Communications, 1998, 4, .	1.2	10
64	A NOVEL SYNTHESIS OF BENZO[g]IMIDAZO[1,2-a]PYRIDINES: THE REACTIVITY OF ARYLIDINE-1H-BENZIMIDAZOLE-2- ACETONITRILE WITH ELECTRON POOR OLEFINS AND DIMETHYLACETYLENE DICARBOXYLATE UNDER MICROWAVE IRRADIATION. Heterocyclic Communications, 1997, 3, .	1.2	12
65	Synthesis of Functionalized 4H-Pyrano[3,2-c]pyridines from 4-Hydroxy-6-methyl-2-pyridone and Their Reactions. Unexpected New Routes to 3,3â€²-Benzylidenebis[4-hydroxy-6-methyl-2(1H)-3-pyridinone]s. Bulletin of the Chemical Society of Japan, 1997, 70, 1625-1630.	3.2	25
66	The Synthesis of Heterocycles from Indolin-2-one Derivatives and Active Methylene Reagents. Collection of Czechoslovak Chemical Communications, 1994, 59, 1235-1240.	1.0	8
67	A Novel Nucleophilic Substitution with Quinoline Derivatives. Synthesis of Quinolones and Pyrazolo[4,3-c]quinoline Derivatives. Bulletin of the Chemical Society of Japan, 1993, 66, 2936-2940.	3.2	18