Nadia Hanafy Metwally

List of Publications by Year
in descending order

58	1,066	430754 18	454834 30
papers	citations	h-index	g-index

64	64	64	829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Molluscicidal Activity of New Cinnoline and Pyrano [2,3-c]pyrazole Derivatives. Archiv Der Pharmazie, 2006, 339, 456-460.	2.1	181
2	Polarity and steric effect of the lateral substituent on the mesophase behaviour of some newly prepared liquid crystals. Liquid Crystals, 2015, 42, 1351-1369.	0.9	50
3	Synthesis and antimicrobial activity of some new N-glycosides of 2-thioxo-4-thiazolidinone derivatives. Carbohydrate Research, 2010, 345, 1135-1141.	1.1	45
4	Design, synthesis, anticancer evaluation, molecular docking and cell cycle analysis of 3-methyl-4,7-dihydropyrazolo[1,5-a]pyrimidine derivatives as potent histone lysine demethylases (KDM) inhibitors and apoptosis inducers. Bioorganic Chemistry, 2019, 88, 102929.	2.0	40
5	Grafting of multiwalled carbon nanotubes with pyrazole derivatives: characterization, antimicrobial activity and molecular docking study . International Journal of Nanomedicine, 2019, Volume 14, 6645-6659.	3.3	38
6	Synthesis and Anticancer Activity of Some New Thiopyrano[2,3-<i>d</i>]thiazoles Incorporating Pyrazole Moiety. Chemical and Pharmaceutical Bulletin, 2015, 63, 495-503.	0.6	37
7	Synthesis and chemical reactivity of 3â€oxoâ€2â€arylhydrazonoâ€propanenitriles. Journal of Heterocyclic Chemistry, 2005, 42, 781-786.	1.4	34
8	Synthesis and Anti-HIV Activity of Different Novel Nonclassical Nucleosides. Nucleosides & Nucleotides, 1999, 18, 113-123.	0.5	32
9	Synthesis, anticancer assessment on human breast, liver and colon carcinoma cell lines and molecular modeling study using novel pyrazolo[4,3-c]pyridine derivatives. Bioorganic Chemistry, 2018, 77, 203-214.	2.0	32
10	Novel Synthesis of N-Arylpyrrole, Pyrrolo[1,2-<i>a</i>]quinazoline, and Pyrrolo[3,4-<i>d</i>]pyridazine Derivatives. Synthetic Communications, 2009, 39, 4088-4099.	1.1	31
11	Synthesis and anticancer activity of some new heterocyclic compounds based on 1-cyanoacetyl-3,5-dimethylpyrazole. Research on Chemical Intermediates, 2016, 42, 1071-1089.	1.3	30
12	New imidazolone derivatives comprising a benzoate or sulfonamide moiety as anti-inflammatory and antibacterial inhibitors: Design, synthesis, selective COX-2, DHFR and molecular-modeling study. Bioorganic Chemistry, 2020, 99, 103438.	2.0	29
13	Design, synthesis, DNA assessment and molecular docking study of novel 2-(pyridin-2-ylimino)thiazolidin-4-one derivatives as potent antifungal agents. Bioorganic Chemistry, 2019, 84, 456-467.	2.0	27
14	Synthesis, Molecular Docking, and Biological Evaluation of Some Novel Bisâ€heterocyclic Compounds Based <i>N</i>,<i>N</i>â€²â€²[1,1â€²â€biphenyl]â€4,4â€²â€diyl)bis(2â€cyanoacetamide) as Potential Anticancer Agents. Journal of Heterocyclic Chemistry, 2018, 55, 2668-2682.	1.4	26
15	A simple and green procedure for the synthesis of 5-arylidene-4-thiazolidinones by grinding. Green Chemistry Letters and Reviews, 2011, 4, 225-228.	2.1	25
16	Synthesis of Some New Nâ€Substituted Pyrroles, Pyrrolo[1,2â€a]quinazoline, and Diazaâ€asâ€indacene Derivatives. Synthetic Communications, 2006, 36, 83-89.	1.1	20
17	Design, green one-pot synthesis and molecular docking study of novel N,N-bis(cyanoacetyl)hydrazines and bis-coumarins as effective inhibitors of DNA gyrase and topoisomerase IV. Bioorganic Chemistry, 2020, 97, 103672.	2.0	20
18	Synthesis of Structurally Related Purines: Benzimidazo[1,2-a]pyridines, Benzimidazo-[1,2-c]pyrimidines, and Pyrazolo-[1,5-a]pyrimidines. Monatshefte FÃ¼r Chemie, 2000, 131, 779.	0.9	18

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19	Reaction of Anthranilonitrile with Some Active Methylene Reagents: Synthesis of Some New Quinoline and Quinazoline Derivatives. Synthetic Communications, 2005, 35, 2481-2487.	1.1	18
20	Synthesis of some new fused thiopyrano[2,3-d]thiazoles and their derivatives. Journal of Sulfur Chemistry, 2007, 28, 275-284.	1.0	17
21	A Facile One-Pot Synthesis of Some New Spiro-thiazolidin-4-ones and Benzimidazoles of Biological Interest. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 183, 34-43.	0.8	16
22	A novel synthesis of some 1,4-phenylene-bis-heterocyclic carboxamide derivatives. Journal of Heterocyclic Chemistry, 2009, 46, 1380-1385.	1.4	16
23	Green one-pot synthesis and inÂvitro antibacterial screening of pyrano[2,3-c]pyrazoles, 4H-chromenes and pyrazolo[1,5-a]pyrimidines using biocatalyzed pepsin. Synthetic Communications, 2022, 52, 1139-1154.	1.1	16
24	Synthesis, anticancer evaluation, CDK2 inhibition, and apoptotic activity assessment with molecular docking modeling of new class of pyrazolo[1,5-a]pyrimidines. Research on Chemical Intermediates, 2021, 47, 5027-5060.	1.3	15
25	A simple green synthesis of (Z)-5-arylmethylene-4- thioxothiazolidines and thiopyrano[2,3-d]thiazolidine-2-thiones in PEG-400 under catalyst-free conditions. Journal of Sulfur Chemistry, 2014, 35, 528-537.	1.0	14
26	A Novel Synthesis of 1,4-Bis(thiopyrano[2,3-d]thiazolyl)benzene Derivatives. Heterocycles, 2008, 75, 319.	0.4	13
27	Pyrazolo[1,5â€a]Pyrimidine Derivative as Precursor for Some Novel Pyrazolo[1,5â€a]Pyrimidines and Tetraheterocyclic Compounds. Journal of Heterocyclic Chemistry, 2017, 54, 347-354.	1.4	13
28	Synthesis of some novel pyrazolo[1,5-a]quinazolines and their fused derivatives. Synthetic Communications, 2017, 47, 148-158.	1.1	12
29	Green synthesis of some new thiopyrano[2,3-d][1,3]thiazoles using lemon juice and their antibacterial activity. Synthetic Communications, 2018, 48, 2496-2509.	1.1	12
30	2-Keto-3-mercaptocinchoninic Acids as Precursors for Novel Thiazino[6,5-c]quinoline-1,5-dione Derivatives. Synthetic Communications, 2013, 43, 398-405.	1.1	11
31	Synthesis and Antimicrobial Activity of Some Novel Substituted Bisâ€Pyridone, Pyrazole, and Thiazole Derivatives. Journal of Heterocyclic Chemistry, 2015, 52, 358-365.	1.4	11
32	Synthesis and antimicrobial activity of some new pyrazoline derivatives bearing sulfanilamido moiety. European Journal of Chemistry, 2019, 10, 30-36.	0.3	11
33	Synthesis of some novel polyaza fused heterocyclic compounds. Journal of Heterocyclic Chemistry, 2010, 47, 384-388.	1.4	10
34	Synthesis of some novel pyridine and naphthyridine derivatives. European Journal of Chemistry, 2010, 1, 368-372.	0.3	10
35	Novel fluorinated pyrazolo[1,5-a]pyrimidines: In a way from synthesis and docking studies to biological evaluation. Journal of Molecular Structure, 2022, 1257, 132590.	1.8	10
36	3-Aryl-2-sulfanylpropenoic acids as precursors for some novel (Z)-5-substituted-2-alkoxy-2-trichloromethyl-4-thiazolidinones. Arkivoc, 2011, 2011, 254-265.	0.3	9

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37	Efficient Synthesis of Highly Substituted Furan, Thiophene, Pyrrole and 2â€Aminothiazole Derivatives. Synthetic Communications, 2007, 37, 4227-4237.	1.1	8
38	3â€(3,5â€Dimethylâ€1Hâ€Pyrazolâ€1â€yl)â€3â€Oxopropanenitrile as Precursor for Some New Monoâ€Heterocyclic and Bisâ€Heterocyclic Compounds. Journal of Heterocyclic Chemistry, 2017, 54, 289-294.	1.4	8
39	A Convenient Synthesis of Some New 5-Substituted-4-Thioxo-Thiazolidinones and Fused Thiopyrano[2,3-d]thiazole Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2073-2085.	0.8	7
40	Pyrazoloquinazoline derivatives: Synthesis, reactions, and biological applications. Synthetic Communications, 2018, 48, 721-746.	1.1	7
41	3-Aminopyrazolo[4,3-c]pyridine-4,6-dione as a precursor for novel pyrazolo[4,5,1-ij][1,6]naphthyridines and pyrido[4â€™,3â€™:3,4]pyrazolo[1,5-a]pyrimidines. Synthetic Communications, 2018, 48, 1614-1628.	1.1	7
42	Synthesis, biological evaluation of novel thiopyrano[2,3-d]thiazoles incorporating arylsulfonate moiety as potential inhibitors of tubulin polymerization, and molecular modeling studies. Journal of Molecular Structure, 2022, 1258, 132648.	1.8	7
43	The behaviour of 4-alkoxy methylene-2-phenyl-4H-oxazol-5-one and 4-dimethyl amino methylene-2-phenyl-4H-oxazol-5-one toward nitrogen nucleophiles under microwave heating. Journal of Chemical Research, 2005, 2005, 29-31.	0.6	6
44	Synthesis, reactions, and antimicrobial activity of <scp>2â€cyanoâ€N</scp>â€²â€(4â€(2â€oxoâ€2â€phenylethoxy)benzylidene)acetohydrazide derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 3653-3663.	1.4	6
45	Synthesis of some novel N5â€sulfonylated and N1â€alkyated pyrazole derivatives and their antimicrobial activity in conjunction with molecular docking study. Journal of Heterocyclic Chemistry, 2020, 57, 1698-1713.	1.4	6
46	Crystal structure of ethyl 2-(3-amino-5-oxo-2-tosyl-2,5-dihydro-1H-pyrazol-1-yl)acetate. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 615-617.	0.2	6
47	Crystal structure of ethyl 2-(5-amino-1-benzenesulfonyl-3-oxo-2,3-dihydro-1H-pyrazol-2-yl)acetate. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 481-483.	0.2	6
48	Studies on the Reaction of Cycloalkanones with Malonodinitrile. Journal of Heterocyclic Chemistry, 2014, 51, 1785-1790.	1.4	4
49	Synthesis of some new 5-substituted-3-phenyl-4-thioxo-2-thiazolidinones and their fused thiopyrano[2,3-d]thiazole derivatives. Journal of Sulfur Chemistry, 2015, 36, 511-525.	1.0	4
50	Facile Synthesis of Some New Pyrazole-Based 2-Thioxo-4-thiazolidinone. Synthetic Communications, 2015, 45, 2683-2690.	1.1	3
51	An Ecoâ€friendly Synthesis of Some Novel 4â€methylâ€4â€hetaryl Chromene and Pyrano[2,3â€c]pyrazole Derivatives. Journal of Heterocyclic Chemistry, 2017, 54, 2313-2318.	1.4	3
52	Crystal structure of 2-{[5-amino-1-(phenylsulfonyl)-1H-pyrazol-3-yl]oxy}-1-(4-methylphenyl)ethan-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 1054-1057.	0.2	3
53	Crystal structure of 2-(2,5-dimethoxyphenyl)benzo[d]thiazole. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 445-448.	0.2	3
54	Synthesis and Chemical Reactivity of 3-Oxo-2-arylhydrazono-propanenitriles.. ChemInform, 2005, 36, no.	0.1	1

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55	A simple green synthesis of 5(Z)-arylmethylene-4-thioxothiazolidines and thiopyrano[2,3-d]thiazolidine-2-thiones in PEG-400 under catalyst-free conditions. Green Chemistry Letters and Reviews, 2017, , 1-8.	2.1	0
56	Reactions of Sodium Salts of 3-(Hydroxymethylene)alkan-2-ones with Enamines: Synthesis of Polysubstituted Pyridines. Journal of Chemical Research, 1999, 23, 208-209.	0.6	0
57	Novel Synthesis of 5-Amino-1-arylsulfonyl-4-pyrazolin-3-ones as a New Class of N-Sulfonylated Pyrazoles. Journal of Chemical Research, 1999, 23, 384-385.	0.6	0
58	QSAR and docking studies of Î±,Î²-unsaturated carbonyl compounds against human breast adenocarcinoma cell line MCF-7. European Journal of Chemistry, 2018, 9, 275-280.	0.3	0