

# Nadia Hanafy Metwally

## List of Publications by Year in descending order

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58  
papers

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430754

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454834

30  
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64  
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64  
docs citations

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times ranked

829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel fluorinated pyrazolo[1,5-a]pyrimidines: In a way from synthesis and docking studies to biological evaluation. <i>Journal of Molecular Structure</i> , 2022, 1257, 132590.	1.8	10
2	Crystal structure of 2-(2,5-dimethoxyphenyl)benzo[d]thiazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 445-448.	0.2	3
3	Synthesis, biological evaluation of novel thiopyrano[2,3-d]thiazoles incorporating arylsulfonate moiety as potential inhibitors of tubulin polymerization, and molecular modeling studies. <i>Journal of Molecular Structure</i> , 2022, 1258, 132648.	1.8	7
4	Green one-pot synthesis and <i>in vitro</i> antibacterial screening of pyrano[2,3- <i>c</i> ]pyrazoles, 4 <i>H</i> -chromenes and pyrazolo[1,5- <i>a</i> ]pyrimidines using biocatalyzed pepsin. <i>Synthetic Communications</i> , 2022, 52, 1139-1154.	1.1	16
5	Crystal structure of ethyl 2-(3-amino-5-oxo-2-tosyl-2,5-dihydro-1 <i>H</i> -pyrazol-1-yl)acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 615-617.	0.2	6
6	Synthesis, anticancer evaluation, CDK2 inhibition, and apoptotic activity assessment with molecular docking modeling of new class of pyrazolo[1,5- <i>a</i> ]pyrimidines. <i>Research on Chemical Intermediates</i> , 2021, 47, 5027-5060.	1.3	15
7	Crystal structure of 2-[[5-amino-1-(phenylsulfonyl)-1 <i>H</i> -pyrazol-3-yl]oxy]-1-(4-methylphenyl)ethan-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 1054-1057.	0.2	3
8	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. <i>Bioorganic Chemistry</i> , 2020, 99, 103438.	2.0	29
9	Synthesis, reactions, and antimicrobial activity of <i>N</i> -(2-(2-oxo-2-phenylethoxy)benzylidene)acetohydrazide derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3653-3663.	0.6	6
10	Design, green one-pot synthesis and molecular docking study of novel <i>N,N</i> -bis(cyanoacetyl)hydrazines and bis-coumarins as effective inhibitors of DNA gyrase and topoisomerase IV. <i>Bioorganic Chemistry</i> , 2020, 97, 103672.	2.0	20
11	Synthesis of some novel <i>N</i> -sulfonylated and <i>N</i> -alkylated pyrazole derivatives and their antimicrobial activity in conjunction with molecular docking study. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1698-1713.	1.4	6
12	Crystal structure of ethyl 2-(5-amino-1-benzenesulfonyl-3-oxo-2,3-dihydro-1 <i>H</i> -pyrazol-2-yl)acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 481-483.	0.2	6
13	Grafting of multiwalled carbon nanotubes with pyrazole derivatives: characterization, antimicrobial activity and molecular docking study. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6645-6659.	3.3	38
14	Design, synthesis, anticancer evaluation, molecular docking and cell cycle analysis of 3-methyl-4,7-dihydropyrazolo[1,5- <i>a</i> ]pyrimidine derivatives as potent histone lysine demethylases (KDM) inhibitors and apoptosis inducers. <i>Bioorganic Chemistry</i> , 2019, 88, 102929.	2.0	40
15	Design, synthesis, DNA assessment and molecular docking study of novel 2-(pyridin-2-ylimino)thiazolidin-4-one derivatives as potent antifungal agents. <i>Bioorganic Chemistry</i> , 2019, 84, 456-467.	2.0	27
16	Synthesis and antimicrobial activity of some new pyrazoline derivatives bearing sulfanilamido moiety. <i>European Journal of Chemistry</i> , 2019, 10, 30-36.	0.3	11
17	Pyrazoloquinazoline derivatives: Synthesis, reactions, and biological applications. <i>Synthetic Communications</i> , 2018, 48, 721-746.	1.1	7
18	Synthesis, anticancer assessment on human breast, liver and colon carcinoma cell lines and molecular modeling study using novel pyrazolo[4,3- <i>c</i> ]pyridine derivatives. <i>Bioorganic Chemistry</i> , 2018, 77, 203-214.	2.0	32

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19	Green synthesis of some new thiopyrano[2,3- <i>d</i> ][1,3]thiazoles using lemon juice and their antibacterial activity. <i>Synthetic Communications</i> , 2018, 48, 2496-2509.	1.1	12
20	Synthesis, Molecular Docking, and Biological Evaluation of Some Novel Bis-heterocyclic Compounds Based on $4,4'$ -bis(2-cyanoacetamide) bis(1,1'-biphenyl) as Potential Anticancer Agents. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2668-2682.	1.4	26
21	3-Aminopyrazolo[4,3- <i>c</i> ]pyridine-4,6-dione as a precursor for novel pyrazolo[4,5- <i>l</i> ][1,6]naphthyridines and pyrido[4 <sup>TM</sup> ,3 <sup>TM</sup> :3,4]pyrazolo[1,5- <i>a</i> ]pyrimidines. <i>Synthetic Communications</i> , 2018, 48, 1614-1628.	1.1	7
22	QSAR and docking studies of $\alpha, \beta$ -unsaturated carbonyl compounds against human breast adenocarcinoma cell line MCF-7. <i>European Journal of Chemistry</i> , 2018, 9, 275-280.	0.3	0
23	Pyrazolo[1,5- <i>a</i> ]pyrimidine Derivative as Precursor for Some Novel Pyrazolo[1,5- <i>a</i> ]pyrimidines and Tetraheterocyclic Compounds. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 347-354.	1.4	13
24	$3,5$ -Dimethyl-1- <i>H</i> -pyrazol-1-yl- $\beta$ -oxopropanenitrile as Precursor for Some New Mono- and Bis-heterocyclic Compounds. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 289-294.	1.4	8
25	An Eco-friendly Synthesis of Some Novel 4-methyl- $\beta$ -heteraryl Chromene and Pyrano[2,3- <i>c</i> ]pyrazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2313-2318.	1.4	3
26	Synthesis of some novel pyrazolo[1,5- <i>a</i> ]quinazolines and their fused derivatives. <i>Synthetic Communications</i> , 2017, 47, 148-158.	1.1	12
27	A simple green synthesis of 5( <i>Z</i> )-arylmethylene-4-thioxothiazolidines and thiopyrano[2,3- <i>d</i> ]thiazolidine-2-thiones in PEG-400 under catalyst-free conditions. <i>Green Chemistry Letters and Reviews</i> , 2017, , 1-8.	2.1	0
28	Synthesis and anticancer activity of some new heterocyclic compounds based on 1-cyanoacetyl-3,5-dimethylpyrazole. <i>Research on Chemical Intermediates</i> , 2016, 42, 1071-1089.	1.3	30
29	Synthesis and Anticancer Activity of Some New Thiopyrano[2,3- <i>d</i> ]thiazoles Incorporating Pyrazole Moiety. <i>Chemical and Pharmaceutical Bulletin</i> , 2015, 63, 495-503.	0.6	37
30	Facile Synthesis of Some New Pyrazole-Based 2-Thioxo-4-thiazolidinone. <i>Synthetic Communications</i> , 2015, 45, 2683-2690.	1.1	3
31	Synthesis of some new 5-substituted-3-phenyl-4-thioxo-2-thiazolidinones and their fused thiopyrano[2,3- <i>d</i> ]thiazole derivatives. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 511-525.	1.0	4
32	Polarity and steric effect of the lateral substituent on the mesophase behaviour of some newly prepared liquid crystals. <i>Liquid Crystals</i> , 2015, 42, 1351-1369.	0.9	50
33	Synthesis and Antimicrobial Activity of Some Novel Substituted Bis-pyridone, Pyrazole, and Thiazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 358-365.	1.4	11
34	A simple green synthesis of ( <i>Z</i> )-5-arylmethylene-4-thioxothiazolidines and thiopyrano[2,3- <i>d</i> ]thiazolidine-2-thiones in PEG-400 under catalyst-free conditions. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 528-537.	1.0	14
35	Studies on the Reaction of Cycloalkanones with Malonodinitrile. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1785-1790.	1.4	4
36	2-Keto-3-mercaptocinchonic Acids as Precursors for Novel Thiazino[6,5- <i>c</i> ]quinoline-1,5-dione Derivatives. <i>Synthetic Communications</i> , 2013, 43, 398-405.	1.1	11

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37	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
38	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
39	Synthesis of some novel polyaza fused heterocyclic compounds. Journal of Heterocyclic Chemistry, 2010, 47, 384-388.	1.4	10
40	Synthesis and antimicrobial activity of some new N-glycosides of 2-thioxo-4-thiazolidinone derivatives. Carbohydrate Research, 2010, 345, 1135-1141.	1.1	45
41	Synthesis of some novel pyridine and naphthyridine derivatives. European Journal of Chemistry, 2010, 1, 368-372.	0.3	10
42	A novel synthesis of some 1,4-phenylene-bis-heterocyclic carboxamide derivatives. Journal of Heterocyclic Chemistry, 2009, 46, 1380-1385.	1.4	16
43	Novel Synthesis of N-Arylpyrrole, Pyrrolo[1,2-a]quinazoline, and Pyrrolo[3,4-d]pyridazine Derivatives. Synthetic Communications, 2009, 39, 4088-4099.	1.1	31
44	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
45	A Novel Synthesis of 1,4-Bis(thiopyrano[2,3-d]thiazolyl)benzene Derivatives. Heterocycles, 2008, 75, 319.	0.4	13
46	Synthesis of some new fused thiopyrano[2,3-d]thiazoles and their derivatives. Journal of Sulfur Chemistry, 2007, 28, 275-284.	1.0	17
47	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
48	Efficient Synthesis of Highly Substituted Furan, Thiophene, Pyrrole and 2-Aminothiazole Derivatives. Synthetic Communications, 2007, 37, 4227-4237.	1.1	8
49	Synthesis of Some New N-Substituted Pyrroles, Pyrrolo[1,2-a]quinazoline, and Diaza-indacene Derivatives. Synthetic Communications, 2006, 36, 83-89.	1.1	20
50	Synthesis and Molluscicidal Activity of New Cinnoline and Pyrano [2,3-c]pyrazole Derivatives. Archiv Der Pharmazie, 2006, 339, 456-460.	2.1	181
51	Synthesis and chemical reactivity of 3-oxo-2-arylhydrazono-propanenitriles. Journal of Heterocyclic Chemistry, 2005, 42, 781-786.	1.4	34
52	Synthesis and Chemical Reactivity of 3-Oxo-2-arylhydrazono-propanenitriles.. ChemInform, 2005, 36, no.	0.1	1
53	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
54	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

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55	Synthesis of Structurally Related Purines: Benzimidazo[1,2-a]pyridines, Benzimidazo-[1,2-c]pyrimidines, and Pyrazolo-[1,5-a]pyrimidines. Monatshefte für Chemie, 2000, 131, 779.	0.9	18
56	Synthesis and Anti-HIV Activity of Different Novel Nonclassical Nucleosides. Nucleosides & Nucleotides, 1999, 18, 113-123.	0.5	32
57	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
58	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