

Mymoona Akhter

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9278904/mymoona-akhter-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

1,913
citations

19
h-index

42
g-index

82
ext. papers

2,356
ext. citations

3.7
avg, IF

4.84
L-index

#	Paper	IF	Citations
71	Identification, analysis of deleterious SNPs of the human GSR gene and their effects on the structure and functions of associated proteins and other diseases.. <i>Scientific Reports</i> , 2022 , 12, 5474	4.9	0
70	Synthesis, biological evaluation and docking studies of methylene bearing cyanopyrimidine derivatives possessing a hydrazone moiety as potent Lysine specific demethylase-1 (LSD1) inhibitors: A promising anticancer agents. <i>Bioorganic Chemistry</i> , 2022 , 126, 105885	5.1	1
69	Ameliorative effect of rubiadin-loaded nanocarriers in STZ-NA-induced diabetic nephropathy in rats: formulation optimization, molecular docking, and in vivo biological evaluation. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	1
68	strategies for probing novel DPP-IV inhibitors as anti-diabetic agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 2118-2132	3.6	3
67	Design and synthesis of pyrazole-pyrazoline hybrids as cancer-associated selective COX-2 inhibitors. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000116	4.3	8
66	A review on synthetic procedures and applications of phosphorus oxychloride (POCl ₃) in the last biennial period (2018-19). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021 , 196, 211-274	1	1
65	Synthesis, COX-2 inhibition and metabolic stability studies of 6-(4-fluorophenyl)-pyrimidine-5-carbonitrile derivatives as anticancer and anti-inflammatory agents. <i>Journal of Fluorine Chemistry</i> , 2020 , 236, 109579	2.1	7
64	Methylene-bearing sulfur-containing cyanopyrimidine derivatives for treatment of cancer: Part-II. <i>Archiv Der Pharmazie</i> , 2020 , 353, e1900333	4.3	4
63	Identification of novel selective Mtb-DHFR inhibitors as antitubercular agents through structure-based computational techniques. <i>Archiv Der Pharmazie</i> , 2020 , 353, e1900287	4.3	3
62	Mining of potential dipeptidyl peptidase-IV inhibitors as anti-diabetic agents using integrated approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 5349-5361	3.6	2
61	Synthesis and biological evaluation of benzimidazole pendant cyanopyrimidine derivatives as anticancer agents. <i>Journal of Heterocyclic Chemistry</i> , 2020 , 57, 3350	1.9	5
60	Synthesis, ADMET prediction and reverse screening study of 3,4,5-trimethoxy phenyl ring pendant sulfur-containing cyanopyrimidine derivatives as promising apoptosis inducing anticancer agents. <i>Bioorganic Chemistry</i> , 2020 , 104, 104282	5.1	3
59	Identification of novel small molecule non-peptidomimetic inhibitor for prolyl oligopeptidase through and approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 1292-1305	3.6	4
58	Doxorubicin loaded carboxymethyl Assam bora rice starch coated superparamagnetic iron oxide nanoparticles as potential antitumor cargo. <i>Heliyon</i> , 2019 , 5, e01955	3.6	12
57	Dibenzepinones, dibenzoxepines and benzosuberones based p38MAP kinase inhibitors: Their pharmacophore modelling, 3D-QSAR and docking studies. <i>Computers in Biology and Medicine</i> , 2019 , 110, 175-185	7	4
56	Targeting malaria and leishmaniasis: Synthesis and pharmacological evaluation of novel pyrazole-1,3,4-oxadiazole hybrids. Part II. <i>Bioorganic Chemistry</i> , 2019 , 89, 102986	5.1	11
55	Unveiling novel diphenyl-1H-pyrazole based acrylates tethered to 1,2,3-triazole as promising apoptosis inducing cytotoxic and anti-inflammatory agents. <i>Bioorganic Chemistry</i> , 2019 , 87, 667-678	5.1	19

54	Revealing quinquennial anticancer journey of morpholine: A SAR based review. <i>European Journal of Medicinal Chemistry</i> , 2019 , 167, 324-356	6.8	44
53	Expansion of a novel lead targeting M. tuberculosis DHFR as antitubercular agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 1421-1429	3.4	4
52	A Review Exploring Therapeutic Worth of 1,3,4-Oxadiazole Tailored Compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019 , 19, 477-509	3.2	32
51	3D QSAR Based Virtual Screening of Pyrido[1,2-a] Benzimidazoles as Potent Antimalarial Agents. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 301-312	0.8	1
50	Green recipes to quinoline: A review. <i>European Journal of Medicinal Chemistry</i> , 2019 , 164, 121-170	6.8	85
49	Pharmacophore modeling, 3D-QSAR, docking and ADME prediction of quinazoline based EGFR inhibitors. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 4815-4839	5.9	19
48	Pharmacophore modeling, 3D-QSAR, docking study and ADME prediction of acyl 1,3,4-thiadiazole amides and sulfonamides as antitubulin agents. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 5000-5018	5.9	22
47	Pyrazole-pyrazoline as promising novel antimalarial agents: A mechanistic study. <i>European Journal of Medicinal Chemistry</i> , 2018 , 149, 139-147	6.8	37
46	Synthesis of pyrazole acrylic acid based oxadiazole and amide derivatives as antimalarial and anticancer agents. <i>Bioorganic Chemistry</i> , 2018 , 77, 106-124	5.1	26
45	Biochemical characterization of unusual cysteine protease of P. falciparum, metacaspase-2 (MCA-2). <i>Molecular and Biochemical Parasitology</i> , 2018 , 220, 28-41	1.9	7
44	Molecular interactions of bisphenols and analogs with glucocorticoid biosynthetic pathway enzymes: an in silico approach. <i>Toxicology Mechanisms and Methods</i> , 2018 , 28, 45-54	3.6	4
43	Structural comparison of Mtb-DHFR and h-DHFR for design, synthesis and evaluation of selective non-pteridine analogues as antitubercular agents. <i>Bioorganic Chemistry</i> , 2018 , 80, 319-333	5.1	12
42	Synthesis of Hybrids of Dihydropyrimidine and Pyridazinone as potential Anti-Breast Cancer Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018 , 18, 369-379	3.2	11
41	1, 2, 4-Oxadiazole Incorporated Ketoprofen Analogues in Search of Safer Non-steroidal Anti-inflammatory Agents: Design, Syntheses, Biological Evaluation and Molecular Docking Studies. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 590-601	0.8	3
40	Synthesis of novel benzimidazole acrylonitriles for inhibition of Plasmodium falciparum growth by dual target inhibition. <i>Archiv Der Pharmazie</i> , 2018 , 351, 1700251	4.3	14
39	Anti-proliferative and anti-malarial activities of spiroisoxazoline analogues of artemisinin. <i>Archiv Der Pharmazie</i> , 2018 , 352, e1800192	4.3	2
38	In silico approach for bioremediation of arsenic by structure prediction and docking studies of arsenite oxidase from Pseudomonas stutzeri TS44. <i>International Biodeterioration and Biodegradation</i> , 2017 , 122, 82-91	4.8	14
37	Molecular interactions of dioxins and DLCs with the xenosensors (PXR and CAR): An in silico risk assessment approach. <i>Journal of Molecular Recognition</i> , 2017 , 30, e2651	2.6	6

36	Therapeutic evolution of benzimidazole derivatives in the last quinquennial period. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 705-753	6.8	119
35	Molecular interactions of dioxins and DLCs with the ketosteroid receptors: an in silico risk assessment approach. <i>Toxicology Mechanisms and Methods</i> , 2017 , 27, 151-163	3.6	5
34	Design, synthesis and pharmacological evaluation of some novel derivatives of 1-[[3-(furan-2-yl)-5-phenyl-4,5-dihydro-1,2-oxazol-4-yl]methyl]-4-methyl piperazine. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 141-149	5.9	10
33	4, 5-Dihydrooxazole-pyrazoline hybrids: Synthesis and their evaluation as potential antimalarial agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 476-486	6.8	20
32	Identification of novel Mycobacterium tuberculosis dihydrofolate reductase inhibitors through rational drug design. <i>International Journal of Mycobacteriology</i> , 2016 , 5 Suppl 1, S96	0.9	3
31	The therapeutic voyage of pyrazole and its analogs: A review. <i>European Journal of Medicinal Chemistry</i> , 2016 , 120, 170-201	6.8	235
30	The therapeutic journey of pyridazinone. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 256-281	6.8	45
29	Piperazine scaffold: A remarkable tool in generation of diverse pharmacological agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 102, 487-529	6.8	103
28	Synthesis and anticonvulsant activity of some newer dihydro-pyrimidine-5-carbonitrile derivatives: Part II. <i>Journal of Taibah University Medical Sciences</i> , 2015 , 10, 437-443	1.7	1
27	Synthesis and antimalarial activity of quinoline-substituted furanone derivatives and their identification as selective falcipain-2 inhibitors. <i>Medicinal Chemistry Research</i> , 2015 , 24, 879-890	2.2	11
26	Novel hybrid-pyrrole derivatives: their synthesis, antitubercular evaluation and docking studies. <i>RSC Advances</i> , 2015 , 5, 12807-12820	3.7	13
25	Pharmacophore based virtual screening, synthesis and SAR of novel inhibitors of Mycobacterium sulfotransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 701-7	2.9	6
24	Novel pyrazole-pyrazoline hybrids endowed with thioamide as antimalarial agents: their synthesis and 3D-QSAR studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015 , 30, 597-606	5.6	14
23	Synthesis, 3D-QSAR and docking studies of pyrimidine nitrile-pyrazoline: a novel class of hybrid antimalarial agents. <i>Medicinal Chemistry Research</i> , 2015 , 24, 1018-1037	2.2	11
22	Novel hydrazine derivatives as selective DPP-IV inhibitors: findings from virtual screening and validation through molecular dynamics simulations. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2118	2	10
21	Structure based virtual screening of MDPI database: discovery of structurally diverse and novel DPP-IV inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3447-51	2.9	15
20	A review exploring biological activities of hydrazones. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014 , 6, 69-80	1.1	174
19	Malaria: hitches and hopes. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014 , 14, 453-70	3.2	4

18	3D quantitative structure-activity relationship for quinoline, benzimidazole and benzofuran-based analogs as phosphodiesterases IV (PDE-IV) inhibitors. <i>Medicinal Chemistry Research</i> , 2013 , 22, 5153-5166 ^{2.2}	2.2	1
17	Quinoline: A versatile heterocyclic. <i>Saudi Pharmaceutical Journal</i> , 2013 , 21, 1-12	4.4	248
16	Hepatoprotective activity of <i>Marrubium vulgare</i> against paracetamol induced toxicity. <i>Journal of Pharmacy Research</i> , 2013 , 7, 565-570		19
15	Pharmacophore model generation and 3D-QSAR analysis of N-acyl and N-arylpyrazolines for enzymatic and cellular B-Raf kinase inhibition. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2174-2187	2.2	4
14	Pyrazolines: a biological review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 921-31	3.2	100
13	Recent updates on biological activities of oxadiazoles. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 1027-46	3.2	19
12	Synthesis and evaluation of anticancer activity of some novel 6-aryl-2-(p-sulfamylphenyl)-pyridazin-3(2H)-ones. <i>European Journal of Medicinal Chemistry</i> , 2012 , 49, 304-9 ^{6.8}	6.8	57
11	3D-QSAR and molecular docking studies on 3-anilino-4-arylmaleimide derivatives as glycogen synthase kinase-3 inhibitors. <i>Chemical Biology and Drug Design</i> , 2012 , 79, 560-71	2.9	7
10	3D-QSAR of amino-substituted pyrido[3,2B]pyrazinones as PDE-5 inhibitors. <i>Medicinal Chemistry Research</i> , 2012 , 21, 202-211	2.2	8
9	Synthesis and biological evaluation of 2,5-disubstituted 1,3,4-oxadiazole derivatives with both COX and LOX inhibitory activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011 , 26, 767-76	5.6	17
8	Synthesis of some new 3,4-dihydro-2H-1,3-benzoxazines under microwave irradiation in solvent-free conditions and their biological activity. <i>Medicinal Chemistry Research</i> , 2011 , 20, 1147-1153	2.2	17
7	Synthesis of quinoline attached-furan-2(3H)-ones having anti-inflammatory and antibacterial properties with reduced gastro-intestinal toxicity and lipid peroxidation. <i>Journal of the Serbian Chemical Society</i> , 2011 , 76, 1617-1626	0.9	14
6	Synthesis, Antiinflammatory and Antimicrobial Activity of Some New 1-(3-Phenyl-3,4-Dihydro-2H-1,3-Benzoxazin-6-yl)-Ethanone Derivatives. <i>Indian Journal of Pharmaceutical Sciences</i> , 2011 , 73, 101-4	1.5	8
5	NEW AMIDES OF SULPHONAMIDES: SYNTHESIS AND BIOLOGICAL EVALUATION. <i>Journal of the Chilean Chemical Society</i> , 2010 , 55,	2.5	2
4	Aroylpropionic acid based 2,5-disubstituted-1,3,4-oxadiazoles: synthesis and their anti-inflammatory and analgesic activities. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 2372-8	6.8	94
3	Synthesis of 6-aminomethyl derivatives of benzopyran-4-one with dual biological properties: anti-inflammatory-analgesic and antimicrobial. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 4896-903 ^{6.8}	6.8	22
2	Synthesis, pharmacological activity and hydrolytic behavior of glyceride prodrugs of ibuprofen. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 371-6	6.8	39
1	Benzimidazole based derivatives as anticancer agents: Structure activity relationship analysis for various targets. <i>Journal of Heterocyclic Chemistry</i> ,	1.9	5

