

# Chung Man Chin

## List of Publications by Year in descending order

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103  
papers

1,892  
citations

257101

24  
h-index

288905

40  
g-index

103  
all docs

103  
docs citations

103  
times ranked

3196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Trends in Drug Development for the Treatment of Adenocarcinoma Breast Cancer: Thiazole, Triazole, and Thiosemicarbazone Analogues as Efficient Scaffolds. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 2204-2240.	0.9	4
2	COVID-19 Stress on Mental and Hair Health: A Marker for Diseases in the Post-Pandemic Era?. <i>Coronaviruses</i> , 2022, 03, .	0.2	0
3	Resveratrol and Curcumin for Chagas Disease Treatment—A Systematic Review. <i>Pharmaceuticals</i> , 2022, 15, 609.	1.7	7
4	Recent advances in drug discovery against <i>Mycobacterium tuberculosis</i> : Metal-based complexes. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113166.	2.6	27
5	Image-Based In Vitro Screening Reveals the Trypanostatic Activity of Hydroxymethylnitrofurazone against <i>Trypanosoma cruzi</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 6930.	1.8	6
6	The use of heterocyclic-based azo compounds bearing pyrrolidine, imidazole, triazole, and thiazole moieties for the treatment of neglected tropical disease caused by <i>Schistosoma mansoni</i> . <i>European Journal of Medicinal Chemistry Reports</i> , 2021, 1, 100001.	0.6	2
7	Insight into Recent Drug Discoveries against Trypanosomatids and Plasmodium spp Parasites: New Metal-based Compounds. <i>Current Medicinal Chemistry</i> , 2021, 28, .	1.2	1
8	Synthesis and pharmacological evaluation of pomalidomide derivatives useful for sickle cell disease treatment. <i>Bioorganic Chemistry</i> , 2021, 114, 105077.	2.0	3
9	Pleiotropic Effects of Nitric Oxide on SARS-CoV-2 Infections. <i>Coronaviruses</i> , 2021, 2, .	0.2	2
10	Drug/Lead Compound Hydroxymethylation as a Simple Approach to Enhance Pharmacodynamic and Pharmacokinetic Properties. <i>Frontiers in Chemistry</i> , 2021, 9, 734983.	1.8	3
11	Design and Synthesis of Hybrid Compounds as Epigenetic Modifiers. <i>Pharmaceuticals</i> , 2021, 14, 1308.	1.7	3
12	Synthesis and anti-inflammatory intestinal activity of new glucocorticoid derivatives. <i>Medicinal Chemistry Research</i> , 2020, 29, 206-216.	1.1	3
13	The use of Sulfonamide Derivatives in the Treatment of Trypanosomatid Parasites including <i>Trypanosoma cruzi</i> , <i>Trypanosoma brucei</i> , and <i>Leishmania</i> spp. <i>Medicinal Chemistry</i> , 2020, 16, 24-38.	0.7	8
14	The Progress of Prodrugs in Drug Solubility. , 2020, , 133-164.		0
15	Nitroheterocyclic derivatives: privileged scaffold for drug development against Chagas disease. <i>Medicinal Chemistry Research</i> , 2019, 28, 2099-2108.	1.1	14
16	Antiplatelet activity and TNF- $\alpha$ release inhibition of phthalimide derivatives useful to treat sickle cell anemia. <i>Medicinal Chemistry Research</i> , 2019, 28, 1264-1271.	1.1	6
17	Thiazole, thio and semicarbazone derivatives against tropical infective diseases: Chagas disease, human African trypanosomiasis (HAT), leishmaniasis, and malaria. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 378-395.	2.6	48
18	Current Approaches to Drug Discovery for Chagas Disease: Methodological Advances. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2019, 22, 509-520.	0.6	6

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19	Kick and Kill Approach: How Far are we from HIV Cure?. , 2019, 08, .		0
20	A thalidomideâ€“hydroxyurea hybrid increases HbF production in sickle cell mice and reduces the release of proinflammatory cytokines in cultured monocytes. <i>Experimental Hematology</i> , 2018, 58, 35-38.	0.2	9
21	Hydroxymethylnitrofurazone treatment in indeterminate form of chronic Chagas disease: Reduced intensity of tissue parasitism and inflammationâ€“A histopathological study. <i>International Journal of Experimental Pathology</i> , 2018, 99, 236-248.	0.6	13
22	Discovery of phenylsulfonylfuroxan derivatives as gamma globin inducers by histone acetylation. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 341-353.	2.6	9
23	Current advances in drug discovery for Chagas disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 824-838.	2.6	70
24	Response to different benznidazole doses in animal models of chronic phase Chagas disease: a critical review. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2018, 51, 133-140.	0.4	5
25	Protective Effect of Taurine in the Induction of Genotoxicity by Mutagenic Drugs. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 6, .	0.1	0
26	Targeting <i>Leishmania amazonensis</i> amastigotes through macrophage internalisation of a hydroxymethylnitrofurazone nanostructured polymeric system. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 88-92.	1.1	21
27	Anti-inflammatory action of ethanolic extract and clerodane diterpenes from <i>Casearia sylvestris</i> . <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 495-501.	0.6	12
28	Synthesis, antiplatelet and antithrombotic activities of resveratrol derivatives with NO-donor properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2450-2453.	1.0	24
29	A Comparative Study of Conventional and Microwaveâ€“Assisted Synthesis of Quinoxaline 1,4-diâ€“N</i>â€“oxide <i>N</i>â€“acylhydrazones Derivatives Designed as Antitubercular Drug Candidates. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2380-2388.	1.4	6
30	Design, Synthesis, and Characterization of N-Oxide-Containing Heterocycles with in Vivo Sterilizing Antitubercular Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8647-8660.	2.9	43
31	Dietary Compound Resveratrol Is a Pan-BET Bromodomain Inhibitor. <i>Nutrients</i> , 2017, 9, 1172.	1.7	15
32	Epigenetic Regulatory Mechanisms Induced by Resveratrol. <i>Nutrients</i> , 2017, 9, 1201.	1.7	97
33	Advances in Drug Discovery of New Antitubercular Multidrug-Resistant Compounds. <i>Pharmaceuticals</i> , 2017, 10, 51.	1.7	33
34	Synthesis and Immunosuppressive Activity of New Mycophenolic Acid Derivatives. <i>Medicinal Chemistry</i> , 2017, 13, 159-167.	0.7	2
35	Unraveling the Anticancer Effect of Curcumin and Resveratrol. <i>Nutrients</i> , 2016, 8, 628.	1.7	92
36	The Prodrug Approach: A Successful Tool for Improving Drug Solubility. <i>Molecules</i> , 2016, 21, 42.	1.7	177

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37	Synthesis and biological activity of furoxan derivatives against Mycobacterium tuberculosis. European Journal of Medicinal Chemistry, 2016, 123, 523-531.	2.6	64
38	Synthesis of azo carbonate monomers and biocompatibility study of poly(azo-carbonate-urethane)s. RSC Advances, 2016, 6, 79987-79997.	1.7	2
39	Synthesis and Preliminary Evaluation of N-Oxide Derivatives for the Prevention of Atherothrombotic Events. Molecules, 2015, 20, 18185-18200.	1.7	9
40	Challenges to the Treatment and New Perspectives for the Eradication of Helicobacter pylori. Digestive Diseases and Sciences, 2015, 60, 2901-2912.	1.1	17
41	Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets. Current Medicinal Chemistry, 2015, 22, 3133-3161.	1.2	22
42	Tuberculosis: Challenges to Improve the Treatment. Current Clinical Pharmacology, 2015, 10, 242-251.	0.2	6
43	What are the most promising emerging therapies for sickle cell disease?. Future Medicinal Chemistry, 2014, 6, 979-982.	1.1	3
44	Pharmacological Evaluation and Preparation of Nonsteroidal Anti-Inflammatory Drugs Containing an N-Acyl Hydrazone Subunit. International Journal of Molecular Sciences, 2014, 15, 5821-5837.	1.8	27
45	Antiplatelet and Antithrombotic Activities of Non-Steroidal Anti-Inflammatory Drugs Containing an N-Acyl Hydrazone Subunit. Molecules, 2014, 19, 2089-2099.	1.7	29
46	Synthesis, antioxidant and photoprotection activities of hybrid derivatives useful to prevent skin cancer. Bioorganic and Medicinal Chemistry, 2014, 22, 2733-2738.	1.4	27
47	Leishmanicidal Activities of Novel Synthetic Furoxan and Benzofuroxan Derivatives. Antimicrobial Agents and Chemotherapy, 2014, 58, 4837-4847.	1.4	36
48	Synthesis and evaluation of novel dapsone-thalidomide hybrids for the treatment of type 2 leprosy reactions. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3084-3087.	1.0	5
49	Evaluation of Antimalarial Activity and Toxicity of a New Primaquine Prodrug. PLoS ONE, 2014, 9, e105217.	1.1	18
50	Peptide Prodrugs for the Treatment of CNS Disorders: A Perspective for New Drugs. Current Medicinal Chemistry, 2014, 21, 2599-2609.	1.2	1
51	Use of Guanidine Compounds in the Treatment of Neglected Tropical Diseases. Current Organic Chemistry, 2014, 18, 2572-2602.	0.9	19
52	Design, synthesis and biological evaluation of new aryl thiosemicarbazone as antichagasic candidates. European Journal of Medicinal Chemistry, 2013, 67, 142-151.	2.6	25
53	Pharmacokinetics of Hydroxymethylnitrofurazone, a Promising New Prodrug for Chagas' Disease Treatment. Antimicrobial Agents and Chemotherapy, 2013, 57, 6106-6109.	1.4	12
54	Pharmacokinetics of Hydroxymethylnitrofurazone and Its Parent Drug Nitrofurazone in Rabbits. Drug Metabolism Letters, 2013, 7, 58-64.	0.5	9

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55	Advances in Drug Design Based on the Amino Acid Approach: Taurine Analogues for the Treatment of CNS Diseases. <i>Pharmaceuticals</i> , 2012, 5, 1128-1146.	1.7	36
56	Pharmacological Evaluation and Preliminary Pharmacokinetics Studies of a New Diclofenac Prodrug without Gastric Ulceration Effect. <i>International Journal of Molecular Sciences</i> , 2012, 13, 15305-15320.	1.8	11
57	<i>In vitro</i> and <i>in vivo</i> evaluation of a primaquine prodrug without red blood cell membrane destabilization property. <i>Biopharmaceutics and Drug Disposition</i> , 2012, 33, 437-445.	1.1	2
58	Design, Synthesis, and Pharmacological Evaluation of Novel Hybrid Compounds to Treat Sickle Cell Disease Symptoms. Part II: Furoxan Derivatives. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7583-7592.	2.9	49
59	Anemia falciforme: desafios e avanços na busca de novos fármacos. <i>Química Nova</i> , 2012, 35, 783-790.	0.3	6
60	Sickle Cell Disease: New Pharmacological Approaches. <i>Biochemistry &amp; Pharmacology: Open Access</i> , 2012, 01, .	0.2	0
61	Anti-Inflammatory Drug Design Using a Molecular Hybridization Approach. <i>Pharmaceuticals</i> , 2011, 4, 1450-1474.	1.7	67
62	Design, Synthesis, and Pharmacological Evaluation of Novel Hybrid Compounds To Treat Sickle Cell Disease Symptoms. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5811-5819.	2.9	38
63	Assessment of the In Vivo Genotoxicity of New Lead Compounds to Treat Sickle Cell Disease. <i>Molecules</i> , 2011, 16, 2982-2989.	1.7	3
64	Advances in Sickle Cell Disease Treatment: from Drug Discovery Until the Patient Monitoring. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2011, 9, 113-127.	0.4	10
65	A Nonstaining and Tasteless Hydrophobic Salt of Chlorhexidine. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3130-3138.	1.6	10
66	Recent Insights on the Medicinal Chemistry of Sickle Cell Disease. <i>Current Medicinal Chemistry</i> , 2011, 18, 2339-2358.	1.2	12
67	A Prodrug Approach to Improve the Physico-Chemical Properties and Decrease the Genotoxicity of Nitro Compounds. <i>Current Pharmaceutical Design</i> , 2011, 17, 3515-3526.	0.9	53
68	Abordagem da Latência do de Fármacos como Ferramenta para Descoberta de novos Antichagásicos. <i>Revista UNIARA</i> , 2011, 14, 140.	0.1	1
69	Aspirin Hybrid Molecules with Improved Antiplatelet Properties Designed As New Drug Candidates to Prevent Atherothrombosis,. <i>Blood</i> , 2011, 118, 3364-3364.	0.6	0
70	Lapdesf 1 a Compound Hybrid of Hydroxyrea and Thalidomide Increases Gamma Globin Expression in the Human CD34+ Cultures and Reduces Chemotactic Activity in Neutrophils. <i>Blood</i> , 2011, 118, 2124-2124.	0.6	0
71	Novel 1,2,5-Oxadiazole 2-Oxide Derivatives with Analgesic and Fetal Hemoglobin Induced Properties Designed As Drug Candidate to Treat Sickle Cell Disease Symptoms. <i>Blood</i> , 2011, 118, 2137-2137.	0.6	0
72	OPINIÃOES E ATITUDES DOS MÃDICOS FRENTE ÀS AÇÕES PROMOCIONAIS DA INDÚSTRIA FARMACÊUTICA. <i>Revista Baiana Saãde Pãblica</i> , 2011, 35, 932.	0.0	0

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73	Mutagenic and genotoxic effect of hydroxyurea. <i>International Journal of Biomedical Science</i> , 2011, 7, 263-7.	0.5	5
74	Synthesis, Characterization and Pharmacological Evaluation of 1-(2-Chloro-6-Fluorophenyl)-5-Methylindolin-2-One: A New Anti-Inflammatory Compound with Reduced Gastric Ulceration Properties. <i>Molecules</i> , 2010, 15, 8039-8047.	1.7	5
75	Hydroxymethylnitrofurazone Is Active in a Murine Model of Chagas' Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3584-3589.	1.4	28
76	Mutagenicity of New Lead Compounds to Treat Sickle Cell Disease Symptoms in a Salmonella/Microsome Assay. <i>International Journal of Molecular Sciences</i> , 2010, 11, 779-788.	1.8	14
77	Cruzain inhibition by hydroxymethylnitrofurazone and nitrofurazone: investigation of a new target in <i>Trypanosoma cruzi</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 62-67.	2.5	25
78	Molecular Modeling Suggests Cruzain Specificity for Peptide Primaquine Prodrugs. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 528-533.	0.4	1
79	Novel Hybrids of Hydroxyurea and Thalidomide Based Pharmacophores Induce Fetal Hemoglobin and Block Monocyte Activation. <i>Blood</i> , 2010, 116, 2673-2673.	0.6	0
80	Synthesis, ex Vivo and in Vitro Hydrolysis Study of an Indoline Derivative Designed as an Anti-Inflammatory with Reduced Gastric Ulceration Properties. <i>Molecules</i> , 2009, 14, 3187-3197.	1.7	14
81	Electrochemical Reduction Using Glassy Carbon Electrode in Aqueous Medium of a Potential Anti-Chagas Drug: NFOH. <i>Journal of the Electrochemical Society</i> , 2009, 156, F93.	1.3	13
82	Femur bone repair in ovariectomized rats under the local action of alendronate, hydroxyapatite and the association of alendronate and hydroxyapatite. <i>International Journal of Experimental Pathology</i> , 2009, 90, 520-526.	0.6	13
83	Synthesis and in vitro anti Mycobacterium tuberculosis activity of a series of phthalimide derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3795-3799.	1.4	83
84	Cruzain inhibition by hydroxymethylnitrofurazone and nitrofurazone: investigation of a new target in <i>Trypanosoma cruzi</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 00, 090624071953007-6.	2.5	1
85	Síntese e atividade biológica do derivado 6-formil-oxamniquina. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2008, 44, 749-754.	0.5	2
86	Prodrugs for the Treatment of Neglected Diseases. <i>Molecules</i> , 2008, 13, 616-677.	1.7	51
87	Ação local do alendronato sódico na reparação óssea de ratos espontaneamente hipertensos (SHR). <i>Arquivos Brasileiros De Cardiologia</i> , 2008, 90, 261-268.	0.3	3
88	Synthesis and Total 1H- and 13C-NMR Assignment of Cephem Derivatives for Use in ADEPT Approaches. <i>Molecules</i> , 2008, 13, 841-854.	1.7	6
89	Pré-írmaco ativado por enzima, uma estratégia promissora na quimioterapia. <i>Química Nova</i> , 2006, 29, 1307-1317.	0.3	5
90	Synthesis and thermal study of the prodrug of oxamniquine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 83, 277-281.	2.0	6

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91	5-Nitro-2-furaldehydeN-(hydroxymethyl)semicarbazone. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2099-o2101.	0.2	7
92	Voltammetric behavior of nitrofurazone and its hydroxymethyl prodrug with potential anti-Chagas activity. Journal of the Brazilian Chemical Society, 2005, 16, 774-782.	0.6	23
93	Advances in Prodrug Design. Mini-Reviews in Medicinal Chemistry, 2005, 5, 893-914.	1.1	51
94	Bifosfonatos (BFs) como transportadores osteotrópicos no planejamento de fármacos dirigidos. Quimica Nova, 2004, 27, 456-460.	0.3	6
95	Synthesis and in vitro evaluation of potential antichagasic hydroxymethylnitrofurazone (NFOH-121): a new nitrofurazone prodrug. Bioorganic and Medicinal Chemistry, 2003, 11, 4779-4783.	1.4	68
96	Dissociation and electrooxidation of primaquine diphosphate as an approach to the study of anti-chagas prodrugs mechanism of action. Bioelectrochemistry, 2001, 53, 55-59.	2.4	10
97	O processo de latência no planejamento de fármacos. Quimica Nova, 1999, 22, 75-84.	0.3	21
98	Synthesis and in Vitro Evaluation of Potential Antichagasic Dipeptide Prodrugs of Primaquine. Journal of Pharmaceutical Sciences, 1997, 86, 1127-1131.	1.6	26
99	Sickle Cell Disease – Current Treatment and New Therapeutical Approaches. , 0, , .		3
100	Design, Synthesis and Biological Activity of Furoxan Derivatives Against Multidrug-Resistant Tuberculosis. , 0, , .		1
101	Potenciais alvos moleculares para o desenvolvimento de novos fármacos antituberculose. Quimica Nova, 0, , .	0.3	0
102	Synthesis, biological evaluation and bioavailability prediction of novel furoxan derivatives as leishmanicidal compounds. , 0, , .		0
103	Can natural products improve skin photoprotection?. Rodriguesia, 0, 71, .	0.9	1