

# Glenn A Mcconkey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/731887/publications.pdf>

Version: 2024-02-01

56  
papers

3,226  
citations

147801

31  
h-index

155660

55  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination therapies for COVID-19: An overview of the clinical trials landscape. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 1590-1597.	2.4	18
2	Choosing drugs for UK COVID-19 treatment trials. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 81-82.	46.4	2
3	Noradrenergic Signaling and Neuroinflammation Crosstalk Regulate <i>Toxoplasma gondii</i> -Induced Behavioral Changes. <i>Trends in Immunology</i> , 2020, 41, 1072-1082.	6.8	16
4	Downregulation of the Central Noradrenergic System by <i>Toxoplasma gondii</i> Infection. <i>Infection and Immunity</i> , 2019, 87, .	2.2	24
5	Interconvertible geometric isomers of <i>Plasmodium falciparum</i> dihydroorotate dehydrogenase inhibitors exhibit multiple binding modes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3878-3882.	2.2	3
6	Neurophysiological Changes Induced by Chronic <i>Toxoplasma gondii</i> Infection. <i>Pathogens</i> , 2017, 6, 19.	2.8	53
7	The <i>Toxoplasma gondii</i> Model of Schizophrenia. <i>Handbook of Behavioral Neuroscience</i> , 2016, 23, 225-241.	0.7	3
8	Experimental Toxoplasmosis in Rats Induced Orally with Eleven Strains of <i>Toxoplasma gondii</i> of Seven Genotypes: Tissue Tropism, Tissue Cyst Size, Neural Lesions, Tissue Cyst Rupture without Reactivation, and Ocular Lesions. <i>PLoS ONE</i> , 2016, 11, e0156255.	2.5	57
9	Reproducing Increased Dopamine with Infection To Evaluate the Role of Parasite-Encoded Tyrosine Hydroxylase Activity. <i>Infection and Immunity</i> , 2015, 83, 3334-3335.	2.2	14
10	Effect of parasitic infection on dopamine biosynthesis in dopaminergic cells. <i>Neuroscience</i> , 2015, 306, 50-62.	2.3	68
11	Pantothenic Acid Biosynthesis in the Parasite <i>Toxoplasma gondii</i> : a Target for Chemotherapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6345-6353.	3.2	13
12	<i>Toxoplasma gondii</i> infection, from predation to schizophrenia: can animal behaviour help us understand human behaviour?. <i>Journal of Experimental Biology</i> , 2013, 216, 99-112.	1.7	140
13	<i>Toxoplasma gondii</i> infection and behaviour – “location, location, location?”. <i>Journal of Experimental Biology</i> , 2013, 216, 113-119.	1.7	172
14	Factors Influencing the Specificity of Inhibitor Binding to the Human and Malaria Parasite Dihydroorotate Dehydrogenases. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5841-5850.	6.4	47
15	N-Substituted salicylamides as selective malaria parasite dihydroorotate dehydrogenase inhibitors. <i>MedChemComm</i> , 2011, 2, 895.	3.4	16
16	The Neurotropic Parasite <i>Toxoplasma Gondii</i> Increases Dopamine Metabolism. <i>PLoS ONE</i> , 2011, 6, e23866.	2.5	370
17	PlasmoPredict: a gene function prediction website for <i>Plasmodium falciparum</i> . <i>Trends in Parasitology</i> , 2010, 26, 107-110.	3.3	3
18	A study of the effects of substituents on the selectivity of the binding of N-arylaminoethylene malonate inhibitors to DHODH. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1284-1287.	2.2	17

#	ARTICLE	IF	CITATIONS
19	MetNetMaker: a free and open-source tool for the creation of novel metabolic networks in SBML format. <i>Bioinformatics</i> , 2010, 26, 2352-2353.	4.1	17
20	Gene function prediction using semantic similarity clustering and enrichment analysis in the malaria parasite <i>Plasmodium falciparum</i> . <i>Bioinformatics</i> , 2010, 26, 2431-2437.	4.1	17
21	<i>Toxoplasma gondii</i> -altered host behaviour: clues as to mechanism of action. <i>Folia Parasitologica</i> , 2010, 57, 95-104.	1.3	119
22	metaTIGER: a metabolic evolution resource. <i>Nucleic Acids Research</i> , 2009, 37, D531-D538.	14.5	32
23	Alio intuitu: the automated reconstruction of the metabolic networks of parasites. <i>Trends in Parasitology</i> , 2009, 25, 396-397.	3.3	2
24	Structure-Based Design, Synthesis, and Characterization of Inhibitors of Human and <i>Plasmodium falciparum</i> Dihydroorotate Dehydrogenases. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2683-2693.	6.4	84
25	The transferome of metabolic genes explored: analysis of the horizontal transfer of enzyme encoding genes in unicellular eukaryotes. <i>Genome Biology</i> , 2009, 10, R36.	9.6	56
26	Prediction of horizontal gene transfers in eukaryotes: approaches and challenges. <i>Biochemical Society Transactions</i> , 2009, 37, 792-795.	3.4	19
27	Bayesian Data Integration and Enrichment Analysis for Predicting Gene Function in Malaria. <i>Lecture Notes in Computer Science</i> , 2009, , 457-466.	1.3	1
28	A Unique Dual Activity Amino Acid Hydroxylase in <i>Toxoplasma gondii</i> . <i>PLoS ONE</i> , 2009, 4, e4801.	2.5	238
29	Nucleoside Transport as a Potential Target for Chemotherapy in Malaria. <i>Current Pharmaceutical Design</i> , 2007, 13, 569-580.	1.9	44
30	Design and Synthesis of Potent Inhibitors of the Malaria Parasite Dihydroorotate Dehydrogenase. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 186-191.	6.4	60
31	Metabolic reconstruction and analysis for parasite genomes. <i>Trends in Parasitology</i> , 2007, 23, 548-554.	3.3	33
32	Analysis of short RNAs in the malaria parasite and its red blood cell host. <i>FEBS Letters</i> , 2006, 580, 5185-5188.	2.8	124
33	metaSHARK: a WWW platform for interactive exploration of metabolic networks. <i>Nucleic Acids Research</i> , 2006, 34, W725-W728.	14.5	23
34	Synthesis of brequinar analogue inhibitors of malaria parasite dihydroorotate dehydrogenase. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1945-1967.	3.0	77
35	<i>Plasmodium falciparum</i> : Interaction of shikimate analogues with antimalarial drugs. <i>Experimental Parasitology</i> , 2005, 111, 178-181.	1.2	16
36	metaSHARK: software for automated metabolic network prediction from DNA sequence and its application to the genomes of <i>Plasmodium falciparum</i> and <i>Eimeria tenella</i> . <i>Nucleic Acids Research</i> , 2005, 33, 1399-1409.	14.5	91

#	ARTICLE	IF	CITATIONS
37	Annotating the Plasmodium genome and the enigma of the shikimate pathway. Trends in Parasitology, 2004, 20, 60-65.	3.3	70
38	PRELIMINARY RESULTS OF AN ANTICIRCUMSPOROZOITE DNA VACCINE TRIAL FOR PROTECTION AGAINST AVIAN MALARIA IN CAPTIVE AFRICAN BLACK-FOOTED PENGUINS (SPHENISCUS DEMERSUS). Journal of Zoo and Wildlife Medicine, 2004, 35, 154-161.	0.6	21
39	RNAi in the Malaria Parasite Plasmodium. , 2004, , .		0
40	Petri Net representations in systems biology. Biochemical Society Transactions, 2003, 31, 1513-1515.	3.4	95
41	RNA interference (RNAi) inhibits growth of Plasmodium falciparum. Molecular and Biochemical Parasitology, 2002, 119, 273-278.	1.1	127
42	Identification of a nucleoside/nucleobase transporter from Plasmodium falciparum, a novel target for anti-malarial chemotherapy. Biochemical Journal, 2000, 349, 67.	3.7	67
43	Identification of a nucleoside/nucleobase transporter from Plasmodium falciparum, a novel target for anti-malarial chemotherapy. Biochemical Journal, 2000, 349, 67-75.	3.7	104
44	Plasmodium falciparum: Isolation and Characterisation of a Gene Encoding Protozoan GMP Synthase. Experimental Parasitology, 2000, 94, 23-32.	1.2	23
45	Targeting the Shikimate Pathway in the Malaria Parasite <i>Plasmodium falciparum</i> . Antimicrobial Agents and Chemotherapy, 1999, 43, 175-177.	3.2	75
46	Identification of the transcription initiation site of the asexually expressed rRNA genes of the malaria parasite Plasmodium berghei. Molecular and Biochemical Parasitology, 1999, 99, 193-205.	1.1	6
47	Inhibition of Plasmodium falciparum Protein Synthesis. Journal of Biological Chemistry, 1997, 272, 2046-2049.	3.4	164
48	Parasite Diversity in an Endemic Region for Avian Malaria and Identification of a Parasite Causing Penguin Mortality. Journal of Eukaryotic Microbiology, 1996, 43, 393-399.	1.7	24
49	Plasmodium: Genus-Conserved Primers for Species Identification and Quantitation. Experimental Parasitology, 1995, 81, 182-190.	1.2	93
50	The Ribosomal DNA Loci in Plasmodium falciparum Accumulate Mutations Independently. Journal of Molecular Biology, 1995, 254, 881-891.	4.2	37
51	Mechanisms of pyrimethamine resistance in two different strains of Plasmodium berghei. Molecular and Biochemical Parasitology, 1994, 68, 167-171.	1.1	36
52	Transition of Plasmodium vivax ribosome types corresponds to sporozoite differentiation in the mosquito. Molecular and Biochemical Parasitology, 1994, 65, 283-289.	1.1	36
53	Plasmodium: The Developmentally Regulated Ribosome. Experimental Parasitology, 1994, 78, 437-441.	1.2	40
54	Auxotrophs of Plasmodium falciparum dependent on p-aminobenzoic acid for growth.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 4244-4248.	7.1	29

#	ARTICLE	IF	CITATIONS
55	The Generation of Genetic Diversity in Malaria Parasites. Annual Review of Microbiology, 1990, 44, 479-498.	7.3	43
56	TFIIIA binds with equal affinity to somatic and major oocyte 5S RNA genes.. Genes and Development, 1988, 2, 205-214.	5.9	47