

Nicholas A Malmquist

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,501
citations

394421

19
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	Triazolopyrimidine-Based Dihydroorotate Dehydrogenase Inhibitors with Potent and Selective Activity against the Malaria Parasite <i>Plasmodium falciparum</i> . Journal of Medicinal Chemistry, 2008, 51, 3649-3653.	6.4	194
2	High-throughput Screening for Potent and Selective Inhibitors of <i>Plasmodium falciparum</i> Dihydroorotate Dehydrogenase. Journal of Biological Chemistry, 2005, 280, 21847-21853.	3.4	174
3	Persistence and activation of malaria hypnozoites in long-term primary hepatocyte cultures. Nature Medicine, 2014, 20, 307-312.	30.7	160
4	Host Cell Entry by Apicomplexa Parasites Requires Actin Polymerization in the Host Cell. Cell Host and Microbe, 2009, 5, 259-272.	11.0	131
5	Small-molecule histone methyltransferase inhibitors display rapid antimalarial activity against all blood stage forms in <i>Plasmodium falciparum</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16708-16713.	7.1	117
6	Structural Plasticity of Malaria Dihydroorotate Dehydrogenase Allows Selective Binding of Diverse Chemical Scaffolds. Journal of Biological Chemistry, 2009, 284, 26999-27009.	3.4	107
7	Malarial Dihydroorotate Dehydrogenase. Journal of Biological Chemistry, 2002, 277, 41827-41834.	3.4	99
8	Characterization of <i>Trypanosoma brucei</i> dihydroorotate dehydrogenase as a possible drug target; structural, kinetic and RNAi studies. Molecular Microbiology, 2008, 68, 37-50.	2.5	73
9	Exonuclease-mediated degradation of nascent RNA silences genes linked to severe malaria. Nature, 2014, 513, 431-435.	27.8	73
10	Analysis of Flavin Oxidation and Electron-Transfer Inhibition in <i>Plasmodium falciparum</i> Dihydroorotate Dehydrogenase. Biochemistry, 2008, 47, 2466-2475.	2.5	58
11	NO-induced relaxation of labouring and non-labouring human myometrium is not mediated by cyclic GMP. British Journal of Pharmacology, 2001, 134, 206-214.	5.4	44
12	Regulation of surface coat exchange by differentiating African trypanosomes. Molecular and Biochemical Parasitology, 2006, 147, 211-223.	1.1	44
13	Histone Methyltransferase Inhibitors Are Orally Bioavailable, Fast-Acting Molecules with Activity against Different Species Causing Malaria in Humans. Antimicrobial Agents and Chemotherapy, 2015, 59, 950-959.	3.2	43
14	Comprehensive Histone Phosphorylation Analysis and Identification of Pf14-3-3 Protein as a Histone H3 Phosphorylation Reader in Malaria Parasites. PLoS ONE, 2013, 8, e53179.	2.5	38
15	Original 2-(3-Alkoxy-1H-pyrazol-1-yl)azines Inhibitors of Human Dihydroorotate Dehydrogenase (DHODH). Journal of Medicinal Chemistry, 2015, 58, 5579-5598.	6.4	33
16	<i>Plasmodium falciparum</i> PfSET7: enzymatic characterization and cellular localization of a novel protein methyltransferase in sporozoite, liver and erythrocytic stage parasites. Scientific Reports, 2016, 6, 21802.	3.3	27
17	Development of Diaminoquinazoline Histone Lysine Methyltransferase Inhibitors as Potent Blood-Stage Antimalarial Compounds. ChemMedChem, 2014, 9, 2360-2373.	3.2	26
18	Detergent-dependent Kinetics of Truncated <i>Plasmodium falciparum</i> Dihydroorotate Dehydrogenase. Journal of Biological Chemistry, 2007, 282, 12678-12686.	3.4	24

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19	Histone lysine methyltransferase structure activity relationships that allow for segregation of G9a inhibition and anti-Plasmodium activity. <i>MedChemComm</i> , 2017, 8, 1069-1092.	3.4	24
20	Dissociation of cGMP accumulation and relaxation in myometrial smooth muscle: effects of S-nitroso-N-acetylpenicillamine and 3-morpholinopyridone. <i>Cellular Signalling</i> , 2003, 15, 763-772.	3.6	12