

Tomas Yeo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,105
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1389
citing authors

#	ARTICLE	IF	CITATIONS
1	Population transcriptomics of human malaria parasites reveals the mechanism of artemisinin resistance. <i>Science</i> , 2015, 347, 431-435.	12.6	362
2	Emerging Southeast Asian PfCRT mutations confer <i>Plasmodium falciparum</i> resistance to the first-line antimalarial piperaquine. <i>Nature Communications</i> , 2018, 9, 3314.	12.8	183
3	<i>Plasmodium falciparum</i> K13 mutations in Africa and Asia impact artemisinin resistance and parasite fitness. <i>ELife</i> , 2021, 10, .	6.0	85
4	A Variant PfCRT Isoform Can Contribute to <i>Plasmodium falciparum</i> Resistance to the First-Line Partner Drug Piperaquine. <i>MBio</i> , 2017, 8, .	4.1	82
5	Artemisinin-resistant K13 mutations rewire <i>Plasmodium falciparum</i> 's intra-erythrocytic metabolic program to enhance survival. <i>Nature Communications</i> , 2021, 12, 530.	12.8	82
6	Inhibition of Resistance-Refractory <i>P. falciparum</i> Kinase PKG Delivers Prophylactic, Blood Stage, and Transmission-Blocking Antiplasmodial Activity. <i>Cell Chemical Biology</i> , 2020, 27, 806-816.e8.	5.2	56
7	The Antimalarial Natural Product Salinipostin A Identifies Essential $\hat{\pm}/\hat{2}$ Serine Hydrolases Involved in Lipid Metabolism in <i>P. falciparum</i> Parasites. <i>Cell Chemical Biology</i> , 2020, 27, 143-157.e5.	5.2	48
8	Global Spread of Mutant PfCRT and Its Pleiotropic Impact on <i>Plasmodium falciparum</i> Multidrug Resistance and Fitness. <i>MBio</i> , 2019, 10, .	4.1	35
9	The antimalarial MMV688533 provides potential for single-dose cures with a high barrier to <i>Plasmodium falciparum</i> parasite resistance. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25
10	Potent Antimalarials with Development Potential Identified by Structure-Guided Computational Optimization of a Pyrrole-Based Dihydroorotate Dehydrogenase Inhibitor Series. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6085-6136.	6.4	24
11	Design of proteasome inhibitors with oral efficacy in vivo against <i>Plasmodium falciparum</i> and selectivity over the human proteasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
12	Repositioning and Characterization of 1-(Pyridin-4-yl)pyrrolidin-2-one Derivatives as <i>Plasmodium</i> Cytoplasmic Prolyl-tRNA Synthetase Inhibitors. <i>ACS Infectious Diseases</i> , 2021, 7, 1680-1689.	3.8	14
13	The <i>Plasmodium falciparum</i> ABC transporter ABCI3 confers parasite strain-dependent pleiotropic antimalarial drug resistance. <i>Cell Chemical Biology</i> , 2022, 29, 824-839.e6.	5.2	14
14	Chemoprotective antimalarials identified through quantitative high-throughput screening of <i>Plasmodium</i> blood and liver stage parasites. <i>Scientific Reports</i> , 2021, 11, 2121.	3.3	14
15	Safety, pharmacokinetics, and antimalarial activity of the novel triaminopyrimidine ZY-19489: a first-in-human, randomised, placebo-controlled, double-blind, single ascending dose study, pilot food-effect study, and volunteer infection study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 879-890.	9.1	13
16	Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183. <i>Nature Communications</i> , 2022, 13, 2158.	12.8	13
17	Identification and Profiling of a Novel Diazaspiro[3.4]octane Chemical Series Active against Multiple Stages of the Human Malaria Parasite <i>Plasmodium falciparum</i> and Optimization Efforts. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2291-2309.	6.4	11
18	Novel Antimalarial Tetrazoles and Amides Active against the Hemoglobin Degradation Pathway in <i>Plasmodium falciparum</i> . <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2739-2761.	6.4	10

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19	Comparative Analysis of Plasmodium falciparum Genotyping via SNP Detection, Microsatellite Profiling, and Whole-Genome Sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0116321.	3.2	8
20	3-Hydroxy-propanamidines, a New Class of Orally Active Antimalarials Targeting Plasmodium falciparum. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3035-3047.	6.4	5