

Madeline R Luth

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

759
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1251
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemogenomics identifies acetyl-coenzyme A synthetase as a target for malaria treatment and prevention. <i>Cell Chemical Biology</i> , 2022, 29, 191-201.e8.	5.2	39
2	Adaptive laboratory evolution in <i>S. cerevisiae</i> highlights role of transcription factors in fungal xenobiotic resistance. <i>Communications Biology</i> , 2022, 5, 128.	4.4	8
3	Reaction hijacking of tyrosine tRNA synthetase as a new whole-of-life-cycle antimalarial strategy. <i>Science</i> , 2022, 376, 1074-1079.	12.6	25
4	PfMFR3: A Multidrug-Resistant Modulator in <i>Plasmodium falciparum</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 811-825.	3.8	16
5	The Novel bis-1,2,4-Triazine MIPS-0004373 Demonstrates Rapid and Potent Activity against All Blood Stages of the Malaria Parasite. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0031121.	3.2	4
6	SnapShot: Antimalarial Drugs. <i>Cell</i> , 2020, 183, 554-554.e1.	28.9	2
7	Probing the Open Global Health Chemical Diversity Library for Multistage-Active Starting Points for Next-Generation Antimalarials. <i>ACS Infectious Diseases</i> , 2020, 6, 613-628.	3.8	26
8	Pan-active imidazolopiperazine antimalarials target the <i>Plasmodium falciparum</i> intracellular secretory pathway. <i>Nature Communications</i> , 2020, 11, 1780.	12.8	27
9	Covalent <i>Plasmodium falciparum</i> -selective proteasome inhibitors exhibit a low propensity for generating resistance in vitro and synergize with multiple antimalarial agents. <i>PLoS Pathogens</i> , 2019, 15, e1007722.	4.7	58
10	In vitro selection predicts malaria parasite resistance to dihydroorotate dehydrogenase inhibitors in a mouse infection model. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	30
11	Evolution of resistance in vitro reveals mechanisms of artemisinin activity in <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26881-26891.	7.1	30
12	Using <i>In Vitro</i> Evolution and Whole Genome Analysis To Discover Next Generation Targets for Antimalarial Drug Discovery. <i>ACS Infectious Diseases</i> , 2018, 4, 301-314.	3.8	60
13	Open-source discovery of chemical leads for next-generation chemoprotective antimalarials. <i>Science</i> , 2018, 362, .	12.6	99
14	Target Validation and Identification of Novel Boronate Inhibitors of the <i>Plasmodium falciparum</i> Proteasome. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10053-10066.	6.4	54
15	CYP51 is an essential drug target for the treatment of primary amoebic meningoencephalitis (PAM). <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006104.	3.0	45
16	Biochar characteristics relate to its utility as an alternative soil inoculum carrier to peat and vermiculite. <i>Soil Biology and Biochemistry</i> , 2015, 81, 228-235.	8.8	151
17	Evaluation of pinewood biochar as a carrier of bacterial strain <i>Enterobacter cloacae</i> UW5 for soil inoculation. <i>Applied Soil Ecology</i> , 2014, 84, 192-199.	4.3	81