

Satish K Dhingra

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,086
citations

623734

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h-index

996975

15
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17
docs citations

17
times ranked

1330
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for the early emergence of piperazine-resistant <i>Plasmodium falciparum</i> malaria and modeling strategies to mitigate resistance. <i>PLoS Pathogens</i> , 2022, 18, e1010278.	4.7	13
2	<i>Plasmodium falciparum</i> K13 mutations in Africa and Asia impact artemisinin resistance and parasite fitness. <i>ELife</i> , 2021, 10, .	6.0	85
3	Safety, pharmacokinetics, and antimalarial activity of the novel <i>Plasmodium</i> eukaryotic translation elongation factor 2 inhibitor M5717: a first-in-human, randomised, placebo-controlled, double-blind, single ascending dose study and volunteer infection study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1713-1724.	9.1	32
4	Preclinical Antimalarial Combination Study of M5717, a <i>Plasmodium falciparum</i> Elongation Factor 2 Inhibitor, and Pyronaridine, a Hemozoin Formation Inhibitor. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	30
5	<i>Plasmodium falciparum</i> resistance to piperazine driven by PfCRT. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 1168-1169.	9.1	46
6	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
7	Structure and drug resistance of the <i>Plasmodium falciparum</i> transporter PfCRT. <i>Nature</i> , 2019, 576, 315-320.	27.8	123
8	Identification and Mechanistic Understanding of Dihydroorotate Dehydrogenase Point Mutations in <i>Plasmodium falciparum</i> that Confer <i>in Vitro</i> Resistance to the Clinical Candidate DSM265. <i>ACS Infectious Diseases</i> , 2019, 5, 90-101.	3.8	43
9	Evidence for Regulation of Hemoglobin Metabolism and Intracellular Ionic Flux by the <i>Plasmodium falciparum</i> Chloroquine Resistance Transporter. <i>Scientific Reports</i> , 2018, 8, 13578.	3.3	24
10	Emerging Southeast Asian PfCRT mutations confer <i>Plasmodium falciparum</i> resistance to the first-line antimalarial piperazine. <i>Nature Communications</i> , 2018, 9, 3314.	12.8	183
11	A Variant PfCRT Isoform Can Contribute to <i>Plasmodium falciparum</i> Resistance to the First-Line Partner Drug Piperazine. <i>MBio</i> , 2017, 8, .	4.1	82
12	Globally prevalent PfMDR1 mutations modulate <i>Plasmodium falciparum</i> susceptibility to artemisinin-based combination therapies. <i>Nature Communications</i> , 2016, 7, 11553.	12.8	208
13	Evolution of Fitness Cost-Neutral Mutant PfCRT Conferring <i>P. falciparum</i> 4-Aminoquinoline Drug Resistance Is Accompanied by Altered Parasite Metabolism and Digestive Vacuole Physiology. <i>PLoS Pathogens</i> , 2016, 12, e1005976.	4.7	34
14	Balancing drug resistance and growth rates via compensatory mutations in the <i>Plasmodium falciparum</i> chloroquine resistance transporter. <i>Molecular Microbiology</i> , 2015, 97, 381-395.	2.5	47
15	Adaptive evolution of malaria parasites in French Guiana: Reversal of chloroquine resistance by acquisition of a mutation in <i>pfprt</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11672-11677.	7.1	101