

Ian H Cheeseman

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,933
citations

471509

17
h-index

610901

24
g-index

37
all docs

37
docs citations

37
times ranked

2599
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing bulk segregant analysis of drug resistance using <i>Plasmodium falciparum</i> genetic crosses conducted in humanized mice. <i>IScience</i> , 2022, 25, 104095.	4.1	8
2	A Malaria Parasite Cross Reveals Genetic Determinants of <i>Plasmodium falciparum</i> Growth in Different Culture Media. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	6
3	Efficiency of whole-exome sequencing in old world and new world primates using human capture reagents. <i>Journal of Medical Primatology</i> , 2021, 50, 176-181.	0.6	5
4	The power and promise of genetic mapping from <i>Plasmodium falciparum</i> crosses utilizing human liver-chimeric mice. <i>Communications Biology</i> , 2021, 4, 734.	4.4	13
5	Single-genome sequencing reveals within-host evolution of human malaria parasites. <i>Cell Host and Microbe</i> , 2021, 29, 1496-1506.e3.	11.0	11
6	Single-cell genome sequencing of protozoan parasites. <i>Trends in Parasitology</i> , 2021, 37, 803-814.	3.3	10
7	Co-transmission of Related Malaria Parasite Lineages Shapes Within-Host Parasite Diversity. <i>Cell Host and Microbe</i> , 2020, 27, 93-103.e4.	11.0	67
8	Mode and Tempo of Microsatellite Length Change in a Malaria Parasite Mutation Accumulation Experiment. <i>Genome Biology and Evolution</i> , 2019, 11, 1971-1985.	2.5	25
9	Pairwise growth competitions identify relative fitness relationships among artemisinin resistant <i>Plasmodium falciparum</i> field isolates. <i>Malaria Journal</i> , 2019, 18, 295.	2.3	30
10	Genetic mapping of fitness determinants across the malaria parasite <i>Plasmodium falciparum</i> life cycle. <i>PLoS Genetics</i> , 2019, 15, e1008453.	3.5	33
11	Title is missing!. , 2019, 15, e1008453.		0
12	Title is missing!. , 2019, 15, e1008453.		0
13	Title is missing!. , 2019, 15, e1008453.		0
14	Longitudinal genomic surveillance of <i>Plasmodium falciparum</i> malaria parasites reveals complex genomic architecture of emerging artemisinin resistance. <i>Genome Biology</i> , 2017, 18, 78.	8.8	120
15	Population Parameters Underlying an Ongoing Soft Sweep in Southeast Asian Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2017, 34, 131-144.	8.9	87
16	High-Resolution Single-Cell Sequencing of Malaria Parasites. <i>Genome Biology and Evolution</i> , 2017, 9, 3373-3383.	2.5	41
17	Population Structure Shapes Copy Number Variation in Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2016, 33, 603-620.	8.9	45
18	<i>Plasmodium falciparum</i> genetic crosses in a humanized mouse model. <i>Nature Methods</i> , 2015, 12, 631-633.	19.0	74

#	ARTICLE	IF	CITATIONS
19	Pooled Sequencing and Rare Variant Association Tests for Identifying the Determinants of Emerging Drug Resistance in Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2015, 32, 1080-1090.	8.9	34
20	Single-cell genomics for dissection of complex malaria infections. <i>Genome Research</i> , 2014, 24, 1028-1038.	5.5	83
21	Population Genomic Scan for Candidate Signatures of Balancing Selection to Guide Antigen Characterization in Malaria Parasites. <i>PLoS Genetics</i> , 2012, 8, e1002992.	3.5	167
22	Close kinship within multiple-genotype malaria parasite infections. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2589-2598.	2.6	88
23	A Major Genome Region Underlying Artemisinin Resistance in Malaria. <i>Science</i> , 2012, 336, 79-82.	12.6	334
24	An optimized microarray platform for assaying genomic variation in <i>Plasmodium falciparum</i> field populations. <i>Genome Biology</i> , 2011, 12, R35.	9.6	26
25	Distinct Roles for FOXP3 ⁺ and FOXP3 ^{hi} CD4 ⁺ T Cells in Regulating Cellular Immunity to Uncomplicated and Severe <i>Plasmodium falciparum</i> Malaria. <i>PLoS Pathogens</i> , 2009, 5, e1000364.	4.7	188
26	Gene copy number variation throughout the <i>Plasmodium falciparum</i> genome. <i>BMC Genomics</i> , 2009, 10, 353.	2.8	38
27	A mechanism for cross-resistance to nifurtimox and benznidazole in trypanosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5022-5027.	7.1	370