

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	A mechanism for cross-resistance to nifurtimox and benznidazole in trypanosomes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5022-5027.	7.1	370
2	A Major Genome Region Underlying Artemisinin Resistance in Malaria. Science, 2012, 336, 79-82.	12.6	334
3	Distinct Roles for FOXP3+ and FOXP3 ^{hi} CD4+ T Cells in Regulating Cellular Immunity to Uncomplicated and Severe Plasmodium falciparum Malaria. PLoS Pathogens, 2009, 5, e1000364.	4.7	188
4	Population Genomic Scan for Candidate Signatures of Balancing Selection to Guide Antigen Characterization in Malaria Parasites. PLoS Genetics, 2012, 8, e1002992.	3.5	167
5	Longitudinal genomic surveillance of Plasmodium falciparum malaria parasites reveals complex genomic architecture of emerging artemisinin resistance. Genome Biology, 2017, 18, 78.	8.8	120
6	Close kinship within multiple-genotype malaria parasite infections. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2589-2598.	2.6	88
7	Population Parameters Underlying an Ongoing Soft Sweep in Southeast Asian Malaria Parasites. Molecular Biology and Evolution, 2017, 34, 131-144.	8.9	87
8	Single-cell genomics for dissection of complex malaria infections. Genome Research, 2014, 24, 1028-1038.	5.5	83
9	Plasmodium falciparum genetic crosses in a humanized mouse model. Nature Methods, 2015, 12, 631-633.	19.0	74
10	Co-transmission of Related Malaria Parasite Lineages Shapes Within-Host Parasite Diversity. Cell Host and Microbe, 2020, 27, 93-103.e4.	11.0	67
11	Population Structure Shapes Copy Number Variation in Malaria Parasites. Molecular Biology and Evolution, 2016, 33, 603-620.	8.9	45
12	High-Resolution Single-Cell Sequencing of Malaria Parasites. Genome Biology and Evolution, 2017, 9, 3373-3383.	2.5	41
13	Gene copy number variation throughout the Plasmodium falciparum genome. BMC Genomics, 2009, 10, 353.	2.8	38
14	Pooled Sequencing and Rare Variant Association Tests for Identifying the Determinants of Emerging Drug Resistance in Malaria Parasites. Molecular Biology and Evolution, 2015, 32, 1080-1090.	8.9	34
15	Genetic mapping of fitness determinants across the malaria parasite Plasmodium falciparum life cycle. PLoS Genetics, 2019, 15, e1008453.	3.5	33
16	Pairwise growth competitions identify relative fitness relationships among artemisinin resistant Plasmodium falciparum field isolates. Malaria Journal, 2019, 18, 295.	2.3	30
17	An optimized microarray platform for assaying genomic variation in Plasmodium falciparum field populations. Genome Biology, 2011, 12, R35.	9.6	26
18	Mode and Tempo of Microsatellite Length Change in a Malaria Parasite Mutation Accumulation Experiment. Genome Biology and Evolution, 2019, 11, 1971-1985.	2.5	25

#	ARTICLE	IF	CITATIONS
19	The power and promise of genetic mapping from Plasmodium falciparum crosses utilizing human liver-chimeric mice. <i>Communications Biology</i> , 2021, 4, 734.	4.4	13
20	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
21	Single-cell genome sequencing of protozoan parasites. <i>Trends in Parasitology</i> , 2021, 37, 803-814.	3.3	10
22	Optimizing bulk segregant analysis of drug resistance using Plasmodium falciparum genetic crosses conducted in humanized mice. <i>IScience</i> , 2022, 25, 104095.	4.1	8
23	A Malaria Parasite Cross Reveals Genetic Determinants of Plasmodium falciparum Growth in Different Culture Media. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	6
24	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
25	Title is missing!. , 2019, 15, e1008453.		0
26	Title is missing!. , 2019, 15, e1008453.		0
27	Title is missing!. , 2019, 15, e1008453.		0