

Alistair Miles

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,615
citations

430874

18
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

2314
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple populations of artemisinin-resistant <i>Plasmodium falciparum</i> in Cambodia. <i>Nature Genetics</i> , 2013, 45, 648-655.	21.4	424
2	Indels, structural variation, and recombination drive genomic diversity in <i>Plasmodium falciparum</i> . <i>Genome Research</i> , 2016, 26, 1288-1299.	5.5	180
3	Genomic analysis of local variation and recent evolution in <i>Plasmodium vivax</i> . <i>Nature Genetics</i> , 2016, 48, 959-964.	21.4	169
4	Adventures in Semantic Publishing: Exemplar Semantic Enhancements of a Research Article. <i>PLoS Computational Biology</i> , 2009, 5, e1000361.	3.2	124
5	An open dataset of <i>Plasmodium falciparum</i> genome variation in 7,000 worldwide samples. <i>Wellcome Open Research</i> , 2021, 6, 42.	1.8	97
6	Whole-genome sequencing reveals high complexity of copy number variation at insecticide resistance loci in malaria mosquitoes. <i>Genome Research</i> , 2019, 29, 1250-1261.	5.5	79
7	Key choices in the design of Simple Knowledge Organization System (SKOS). <i>Web Semantics</i> , 2013, 20, 35-49.	2.9	73
8	The origins and relatedness structure of mixed infections vary with local prevalence of <i>P. falciparum</i> malaria. <i>ELife</i> , 2019, 8, .	6.0	52
9	An open dataset of <i>Plasmodium falciparum</i> genome variation in 7,000 worldwide samples. <i>Wellcome Open Research</i> , 2021, 6, 42.	1.8	51
10	An expressed sequence tag analysis of a full-length, spliced-leader cDNA library from <i>Leishmania major</i> promastigotes. <i>Molecular and Biochemical Parasitology</i> , 1996, 76, 345-348.	1.1	46
11	Resistance to pirimiphos-methyl in West African <i>Anopheles</i> is spreading via duplication and introgression of the <i>Ace1</i> locus. <i>PLoS Genetics</i> , 2021, 17, e1009253.	3.5	33
12	Linked data and provenance in biological data webs. <i>Briefings in Bioinformatics</i> , 2009, 10, 139-152.	6.5	32
13	Evolution of the Insecticide Target <i>Rdl</i> in African <i>Anopheles</i> Is Driven by Interspecific and Interkaryotypic Introgression. <i>Molecular Biology and Evolution</i> , 2020, 37, 2900-2917.	8.9	31
14	Massive introgression drives species radiation at the range limit of <i>Anopheles gambiae</i> . <i>Scientific Reports</i> , 2017, 7, 46451.	3.3	28
15	Optimized Whole-Genome Amplification Strategy for Extremely AT-Biased Template. <i>DNA Research</i> , 2014, 21, 661-671.	3.4	27
16	Binding of <i>Plasmodium falciparum</i> Merozoite Surface Proteins DBLMSP and DBLMSP2 to Human Immunoglobulin M Is Conserved among Broadly Diverged Sequence Variants. <i>Journal of Biological Chemistry</i> , 2016, 291, 14285-14299.	3.4	27
17	A Genome Wide Association Study of <i>Plasmodium falciparum</i> Susceptibility to 22 Antimalarial Drugs in Kenya. <i>PLoS ONE</i> , 2014, 9, e96486.	2.5	27
18	OpenFlyData: An exemplar data web integrating gene expression data on the fruit fly <i>Drosophila melanogaster</i> . <i>Journal of Biomedical Informatics</i> , 2010, 43, 752-761.	4.3	22

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19	The genomics of insecticide resistance: insights from recent studies in African malaria vectors. <i>Current Opinion in Insect Science</i> , 2018, 27, 111-115.	4.4	16
20	Novel genotyping approaches to easily detect genomic admixture between the major Afrotropical malaria vector species, <i>Anopheles coluzzii</i> and <i>An. gambiae</i> . <i>Molecular Ecology Resources</i> , 2021, 21, 1504-1516.	4.8	7
21	Panoptes: web-based exploration of large scale genome variation data. <i>Bioinformatics</i> , 2017, 33, 3243-3249.	4.1	6
22	OpenFlyData: The Way to Go for Biological Data Integration. <i>Lecture Notes in Computer Science</i> , 2009, , 47-54.	1.3	6
23	High-throughput genotyping of <i>Anopheles</i> mosquitoes using intact legs by <i>genomics</i> . <i>Molecular Ecology Resources</i> , 2016, 16, 480-486.	4.8	5
24	Genetic variation at the Cyp6m2 putative insecticide resistance locus in <i>Anopheles gambiae</i> and <i>Anopheles coluzzii</i> . <i>Malaria Journal</i> , 2021, 20, 234.	2.3	5