

Mara K N Lawniczak

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,107
citations

471509

17
h-index

677142

22
g-index

36
all docs

36
docs citations

36
times ranked

3364
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522.	12.6	492
2	Souporcell: robust clustering of single-cell RNA-seq data by genotype without reference genotypes. <i>Nature Methods</i> , 2020, 17, 615-620.	19.0	232
3	The Malaria Cell Atlas: Single parasite transcriptomes across the complete <i>Plasmodium</i> life cycle. <i>Science</i> , 2019, 365, .	12.6	198
4	Single-cell RNA-seq reveals hidden transcriptional variation in malaria parasites. <i>ELife</i> , 2018, 7, .	6.0	171
5	The Earth BioGenome Project 2020: Starting the clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	124
6	A High-Quality De novo Genome Assembly from a Single Mosquito Using PacBio Sequencing. <i>Genes</i> , 2019, 10, 62.	2.4	121
7	Sequence locally, think globally: The Darwin Tree of Life Project. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	120
8	Genetic Dissection of <i>Anopheles gambiae</i> Gut Epithelial Responses to <i>Serratia marcescens</i> . <i>PLoS Pathogens</i> , 2014, 10, e1003897.	4.7	87
9	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
10	A microsporidian impairs <i>Plasmodium falciparum</i> transmission in <i>Anopheles arabiensis</i> mosquitoes. <i>Nature Communications</i> , 2020, 11, 2187.	12.8	62
11	Rapid evolution of female-biased genes among four species of <i>Anopheles</i> malaria mosquitoes. <i>Genome Research</i> , 2017, 27, 1536-1548.	5.5	60
12	A single-cell atlas of <i>Plasmodium falciparum</i> transmission through the mosquito. <i>Nature Communications</i> , 2021, 12, 3196.	12.8	54
13	Why sequence all eukaryotes?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	51
14	Proteomic analysis of the <i>Plasmodium</i> male gamete reveals the key role for glycolysis in flagellar motility. <i>Malaria Journal</i> , 2014, 13, 315.	2.3	50
15	Standards recommendations for the Earth BioGenome Project. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	33
16	Transmission of Artemisinin-Resistant Malaria Parasites to Mosquitoes under Antimalarial Drug Pressure. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	29
17	The male mosquito contribution towards malaria transmission: Mating influences the <i>Anopheles</i> female midgut transcriptome and increases female susceptibility to human malaria parasites. <i>PLoS Pathogens</i> , 2019, 15, e1008063.	4.7	25
18	A targeted amplicon sequencing panel to simultaneously identify mosquito species and <i>Plasmodium</i> presence across the entire <i>Anopheles</i> genus. <i>Molecular Ecology Resources</i> , 2022, 22, 28-44.	4.8	18

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19	A Minimally Morphologically Destructive Approach for DNA Retrieval and Whole-Genome Shotgun Sequencing of Pinned Historic Dipteran Vector Species. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	12
20	Single-cell transcriptomics reveals expression profiles of <i>Trypanosoma brucei</i> sexual stages. <i>PLoS Pathogens</i> , 2022, 18, e1010346.	4.7	12
21	Specimen and sample metadata standards for biodiversity genomics: a proposal from the Darwin Tree of Life project. <i>Wellcome Open Research</i> , 0, 7, 187.	1.8	11
22	Using scRNA-seq to Identify Transcriptional Variation in the Malaria Parasite Ookinete Stage. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 604129.	3.9	8
23	The genome sequence of the spiny starfish, <i>Marthasterias glacialis</i> (Linnaeus, 1758). <i>Wellcome Open Research</i> , 0, 6, 295.	1.8	3
24	Tackling malaria transmission at a single cell level in an endemic setting in sub-Saharan Africa. <i>Nature Communications</i> , 2022, 13, 2679.	12.8	3
25	The genome sequence of the blue-rayed limpet, <i>Patella pellucida</i> Linnaeus, 1758. <i>Wellcome Open Research</i> , 0, 7, 126.	1.8	2
26	Letâ€™s talk about the (lady)birds and the bees: how insects can whisper a multitude of stories. <i>ARPHA Conference Abstracts</i> , 0, 5, .	0.0	0