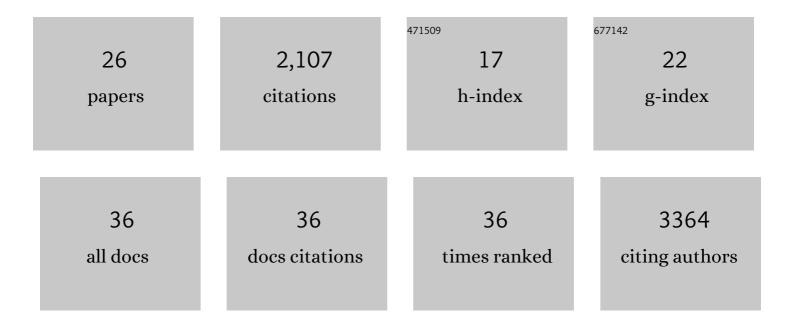
Mara K N Lawniczak

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3835109/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. Science, 2015, 347, 1258522.	12.6	492
2	Souporcell: robust clustering of single-cell RNA-seq data by genotype without reference genotypes. Nature Methods, 2020, 17, 615-620.	19.0	232
3	The Malaria Cell Atlas: Single parasite transcriptomes across the complete <i>Plasmodium</i> life cycle. Science, 2019, 365, .	12.6	198
4	Single-cell RNA-seq reveals hidden transcriptional variation in malaria parasites. ELife, 2018, 7, .	6.0	171
5	The Earth BioGenome Project 2020: Starting the clock. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	124
6	A High-Quality De novo Genome Assembly from a Single Mosquito Using PacBio Sequencing. Genes, 2019, 10, 62.	2.4	121
7	Sequence locally, think globally: The Darwin Tree of Life Project. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	120
8	Genetic Dissection of Anopheles gambiae Gut Epithelial Responses to Serratia marcescens. PLoS Pathogens, 2014, 10, e1003897.	4.7	87
9	Whole-genome sequencing reveals high complexity of copy number variation at insecticide resistance loci in malaria mosquitoes. Genome Research, 2019, 29, 1250-1261.	5.5	79
10	A microsporidian impairs Plasmodium falciparum transmission in Anopheles arabiensis mosquitoes. Nature Communications, 2020, 11, 2187.	12.8	62
11	Rapid evolution of female-biased genes among four species of <i>Anopheles</i> malaria mosquitoes. Genome Research, 2017, 27, 1536-1548.	5.5	60
12	A single-cell atlas of Plasmodium falciparum transmission through the mosquito. Nature Communications, 2021, 12, 3196.	12.8	54
13	Why sequence all eukaryotes?. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	51
14	Proteomic analysis of the Plasmodium male gamete reveals the key role for glycolysis in flagellar motility. Malaria Journal, 2014, 13, 315.	2.3	50
15	Standards recommendations for the Earth BioGenome Project. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	33
16	Transmission of Artemisinin-Resistant Malaria Parasites to Mosquitoes under Antimalarial Drug Pressure. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	29
17	The male mosquito contribution towards malaria transmission: Mating influences the Anopheles female midgut transcriptome and increases female susceptibility to human malaria parasites. PLoS Pathogens, 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. Molecular Ecology Resources, 2022, 22, 28-44.	4.8	18

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