

Sara N Mitchell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6188556/publications.pdf>

Version: 2024-02-01

24
papers

2,993
citations

471509

17
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

3745
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive introgression in a malaria vector species complex revealed by phylogenomics. <i>Science</i> , 2015, 347, 1258524.	12.6	527
2	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522.	12.6	492
3	Improved reference genome of <i>Aedes aegypti</i> informs arbovirus vector control. <i>Nature</i> , 2018, 563, 501-507.	27.8	426
4	Field-Caught Permethrin-Resistant <i>Anopheles gambiae</i> Overexpress CYP6P3, a P450 That Metabolises Pyrethroids. <i>PLoS Genetics</i> , 2008, 4, e1000286.	3.5	285
5	Efficient production of male <i>Wolbachia</i> -infected <i>Aedes aegypti</i> mosquitoes enables large-scale suppression of wild populations. <i>Nature Biotechnology</i> , 2020, 38, 482-492.	17.5	225
6	Identification and validation of a gene causing cross-resistance between insecticide classes in <i>Anopheles gambiae</i> from Ghana. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6147-6152.	7.1	212
7	Dissecting the mechanisms responsible for the multiple insecticide resistance phenotype in <i>Anopheles gambiae</i> s.s., M form, from Vallée du Kou, Burkina Faso. <i>Gene</i> , 2013, 519, 98-106.	2.2	111
8	Sexual transfer of the steroid hormone 20E induces the postmating switch in <i>Anopheles gambiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16353-16358.	7.1	102
9	Metabolic and Target-Site Mechanisms Combine to Confer Strong DDT Resistance in <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2014, 9, e92662.	2.5	102
10	Field, Genetic, and Modeling Approaches Show Strong Positive Selection Acting upon an Insecticide Resistance Mutation in <i>Anopheles gambiae</i> s.s.. <i>Molecular Biology and Evolution</i> , 2010, 27, 1117-1125.	8.9	88
11	Mating activates the heme peroxidase HPX15 in the sperm storage organ to ensure fertility in <i>Anopheles gambiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5854-5859.	7.1	80
12	Evolution of sexual traits influencing vectorial capacity in anopheline mosquitoes. <i>Science</i> , 2015, 347, 985-988.	12.6	68
13	Contemporary evolution of resistance at the major insecticide target site gene <i>Ace1</i> by mutation and copy number variation in the malaria mosquito <i>Anopheles gambiae</i> . <i>Molecular Ecology</i> , 2015, 24, 2656-2672.	3.9	63
14	Disrupting Mosquito Reproduction and Parasite Development for Malaria Control. <i>PLoS Pathogens</i> , 2016, 12, e1006060.	4.7	55
15	Using <i>Drosophila melanogaster</i> to validate metabolism-based insecticide resistance from insect pests. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 918-924.	2.7	54
16	Use of rhodamine B to mark the body and seminal fluid of male <i>Aedes aegypti</i> for mark-release-recapture experiments and estimating efficacy of sterile male releases. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005902.	3.0	28
17	Anopheline Reproductive Biology: Impacts on Vectorial Capacity and Potential Avenues for Malaria Control. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a025593.	6.2	27
18	Mark-release-recapture of male <i>Aedes aegypti</i> (Diptera: Culicidae): Use of rhodamine B to estimate movement, mating and population parameters in preparation for an incompatible male program. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009357.	3.0	12

#	ARTICLE	IF	CITATIONS
19	A mating-induced reproductive gene promotes Anopheles tolerance to Plasmodium falciparum infection. PLoS Pathogens, 2020, 16, e1008908.	4.7	12
20	JNK signaling regulates oviposition in the malaria vector Anopheles gambiae. Scientific Reports, 2020, 10, 14344.	3.3	9
21	A mating-induced reproductive gene promotes Anopheles tolerance to Plasmodium falciparum infection. , 2020, 16, e1008908.		0
22	A mating-induced reproductive gene promotes Anopheles tolerance to Plasmodium falciparum infection. , 2020, 16, e1008908.		0
23	A mating-induced reproductive gene promotes Anopheles tolerance to Plasmodium falciparum infection. , 2020, 16, e1008908.		0
24	A mating-induced reproductive gene promotes Anopheles tolerance to Plasmodium falciparum infection. , 2020, 16, e1008908.		0