Lauren J Cator

List of Publications by Year
in descending order

33 papers	1,357 citations	430874 18 h-index	414414 32 g-index
39 all docs	39 docs citations	39 times ranked	1376 citing authors

#	Article	IF	Citations
1	Competition and resource depletion shape the thermal response of population fitness in Aedes aegypti. Communications Biology, 2022, 5, 66.	4.4	12
2	No Impact of Biocontrol Agentâ€™s Predation Cues on Development Time or Size of Surviving Aedes albopictus under Optimal Nutritional Availability. Insects, 2022, 13, 155.	2.2	0
3	Oil palm expansion increases the vectorial capacity of dengue vectors in Malaysian Borneo. PLoS Neglected Tropical Diseases, 2022, 16, e0009525.	3.0	6
4	Size, not temperature, drives cyclopoid copepod predation of invasive mosquito larvae. PLoS ONE, 2021, 16, e0246178.	2.5	9
5	The effect of resource limitation on the temperature dependence of mosquito population fitness. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20203217.	2.6	13
6	Mosquito Sexual Selection and Reproductive Control Programs. Trends in Parasitology, 2021, 37, 330-339.	3.3	23
7	Sex, age, and parental harmonic convergence behavior affect the immune performance of Aedes aegypti offspring. Communications Biology, 2021, 4, 723.	4.4	7
8	Sexual selection theory meets disease vector control: Testing harmonic convergence as a â€œgood genesâ€•signal in Aedes aegypti mosquitoes. PLoS Neglected Tropical Diseases, 2021, 15, e0009540.	3.0	6
9	Buzzkill: targeting the mosquito auditory system. Current Opinion in Insect Science, 2020, 40, 11-17.	4.4	22
10	The Role of Vector Trait Variation in Vector-Borne Disease Dynamics. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	57
11	Too â€œsexyâ€•for the field? Paired measures of laboratory and semi-field performance highlight variability in the apparent mating fitness of Aedes aegypti transgenic strains. Parasites and Vectors, 2019, 12, 357.	2.5	19
12	Male competition and the evolution of mating and life-history traits in experimental populations of Aedes aegypti. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190591.	2.6	13
13	El NiÃ±o drought and tropical forest conversion synergistically determine mosquito development rate. Environmental Research Letters, 2019, 14, 035003.	5.2	13
14	MIReAD, a minimum information standard for reporting arthropod abundance data. Scientific Data, 2019, 6, 40.	5.3	20
15	Female resistance and harmonic convergence influence male mating success in Aedes aegypti. Scientific Reports, 2019, 9, 2145.	3.3	52
16	Transmission traits of malaria parasites within the mosquito: Genetic variation, phenotypic plasticity, and consequences for control. Evolutionary Applications, 2018, 11, 456-469.	3.1	52
17	The Effect of Larval Diet on Adult Survival, Swarming Activity and Copulation Success in Male Aedes aegypti (Diptera: Culicidae). Journal of Medical Entomology, 2018, 55, 29-35.	1.8	11
18	Malaria Altering Host Attractiveness and Mosquito Feeding. Trends in Parasitology, 2017, 33, 338-339.	3.3	6

#	Article	IF	Citations
19	Immunity, host physiology, and behaviour in infected vectors. Current Opinion in Insect Science, 2017, 20, 28-33.	4.4	23
20	Editorial: Host Attractiveness and Malaria Transmission to Mosquitoes. Journal of Infectious Diseases, 2017, 216, 289-290.	4.0	2
21	Size, sounds and sex: interactions between body size and harmonic convergence signals determine mating success in Aedes aegypti. Parasites and Vectors, 2016, 9, 622.	2.5	30
22	Fitness consequences of altered feeding behavior in immune-challenged mosquitoes. Parasites and Vectors, 2016, 9, 113.	2.5	20
23	Immune response and insulin signalling alter mosquito feeding behaviour to enhance malaria transmission potential. Scientific Reports, 2015, 5, 11947.	3.3	35
24	Alterations in mosquito behaviour by malaria parasites: potential impact on force of infection. Malaria Journal, 2014, 13, 164.	2.3	50
25	Characterizing microclimate in urban malaria transmission settings: a case study from Chennai, India. Malaria Journal, 2013, 12, 84.	2.3	57
26	â€˜Manipulationâ€™ without the parasite: altered feeding behaviour of mosquitoes is not dependent on infection with malaria parasites. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130711.	2.6	97
27	Temperature-Dependent Pre-Bloodmeal Period and Temperature-Driven Asynchrony between Parasite Development and Mosquito Biting Rate Reduce Malaria Transmission Intensity. PLoS ONE, 2013, 8, e55777.	2.5	52
28	Do malaria parasites manipulate mosquitoes?. Trends in Parasitology, 2012, 28, 466-470.	3.3	93
29	Malaria in India: The Center for the Study of Complex Malaria in India. Acta Tropica, 2012, 121, 267-273.	2.0	115
30	Behavioral Observations and Sound Recordings of Free-Flight Mating Swarms of Ae. aegypti (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	58
31	The harmonic convergence of fathers predicts the mating success of sons in Aedes aegypti. Animal Behaviour, 2011, 82, 627-633.	1.9	63
32	Sizing up a mate: variation in production and response to acoustic signals in Anopheles gambiae. Behavioral Ecology, 2010, 21, 1033-1039.	2.2	59
33	Harmonic Convergence in the Love Songs of the Dengue Vector Mosquito. Science, 2009, 323, 1077-1079.	12.6	257