Diana L Huestis

List of Publications by Year
in descending order

25	971	567281 15	580821 25
papers	citations	h-index	g-index

27	27	27	1070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Windborne long-distance migration of malaria mosquitoes in the Sahel. Nature, 2019, 574, 404-408.	27.8	162
2	Spatial distribution and male mating success of Anopheles gambiaeswarms. BMC Evolutionary Biology, 2011, 11, 184.	3.2	99
3	Dry season reproductive depression of Anopheles gambiae in the Sahel. Journal of Insect Physiology, 2012, 58, 1050-1059.	2.0	80
4	Transcriptome Profiling of the Intoxication Response of Tenebrio molitor Larvae to Bacillus thuringiensis Cry3Aa Protoxin. PLoS ONE, 2012, 7, e34624.	2.5	60
5	The contribution of aestivating mosquitoes to the persistence of Anopheles gambiae in the Sahel. Malaria Journal, 2011, 10, 151.	2.3	54
6	Identification, RNAi Knockdown, and Functional Analysis of an Ejaculate Protein that Mediates a Postmating, Prezygotic Phenotype in a Cricket. PLoS ONE, 2009, 4, e7537.	2.5	52
7	Interaction between maternal effects and temperature affects diapause occurrence in the cricket Allonemobius socius. Oecologia, 2006, 146, 513-520.	2.0	49
8	Variation in metabolic rate ofAnopheles gambiaeandA. arabiensisin a Sahelian village. Journal of Experimental Biology, 2011, 214, 2345-2353.	1.7	46
9	Seasonal variation in metabolic rate, flight activity and body size of Anopheles gambiae in the Sahel. Journal of Experimental Biology, 2012, 215, 2013-2021.	1.7	46
10	Investigation of the seasonal microbiome of Anopheles coluzzii mosquitoes in Mali. PLoS ONE, 2018, 13, e0194899.	2.5	43
11	Ecophysiology of Anopheles gambiae s.l.: Persistence in the Sahel. Infection, Genetics and Evolution, 2014, 28, 648-661.	2.3	40
12	Desiccation tolerance in Anopheles coluzzii: the effects of spiracle size and cuticular hydrocarbons. Journal of Experimental Biology, 2016, 219, 1675-88.	1.7	39
13	Comparative Proteomics Uncovers the Signature of Natural Selection Acting on the Ejaculate Proteomes of Two Cricket Species Isolated by Postmating, Prezygotic Phenotypes. Molecular Biology and Evolution, 2011, 28, 423-435.	8.9	35
14	Tracing the origin of the early wetâ€season Anopheles coluzzii in the Sahel. Evolutionary Applications, 2017, 10, 704-717.	3.1	25
15	Diversity, dynamics, direction, and magnitude of high-altitude migrating insects in the Sahel. Scientific Reports, 2020, 10, 20523.	3.3	21
16	The effects of oviposition-site deprivation on Anopheles gambiae reproduction. Parasites and Vectors, 2012, 5, 235.	2.5	16
17	The Turtles of Rainbow Run (Marion County, Florida): Observations on the Genus Pseudemys. Southeastern Naturalist, 2004, 3, 595-612.	0.4	15
18	Identification of morphological and chemical markers of dry- and wet-season conditions in female Anopheles gambiae mosquitoes. Parasites and Vectors, 2014, 7, 294.	2.5	15

#	Article	IF	Citations
19	The effects of oviposition-site deprivation on longevity and bloodfeeding rate in Anopheles gambiae. Parasites and Vectors, 2014, 7, 163.	2.5	15
20	The contribution of dietary restriction to extended longevity in the malaria vector Anopheles coluzzii. Parasites and Vectors, 2017, 10, 156.	2.5	13
21	Geographic distributions of Idh-1 alleles in a cricket are linked to differential enzyme kinetic performance across thermal environments. BMC Evolutionary Biology, 2009, 9, 113.	3.2	12
22	Is natural selection a plausible explanation for the distribution of Idh-1 alleles in the cricket Allonemobius socius?. Ecological Entomology, 2006, 31, 91-98.	2.2	10
23	Terrestrial versus aquatic phenotypes correlate with hydrological predictability of habitats in a semiterrestrial salamander (Urodela, Plethodontidae). Biological Journal of the Linnean Society, 2007, 91, 227-238.	1.6	9
24	Photoperiodic responses of Sahelian malaria mosquitoes Anopheles coluzzii and An. arabiensis. Parasites and Vectors, 2017, 10, 621.	2.5	9
25	From Gene Expression to Phenotype in Insects: Non-microarray Approaches for Transcriptome Analysis. BioScience, 2009, 59, 373-384.	4.9	6