Dina Vlachou

List of Publications by Year
in descending order

26	2,979	394421	552781
papers	citations	19 h-index	26 g-index

29	29	29	3009
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immunity-Related Genes and Gene Families inAnopheles gambiae. Science, 2002, 298, 159-165.	12.6	845
2	Evolutionary Dynamics of Immune-Related Genes and Pathways in Disease-Vector Mosquitoes. Science, 2007, 316, 1738-1743.	12.6	550
3	Comparative and functional genomics of the innate immune system in the malaria vector Anopheles gambiae. Immunological Reviews, 2004, 198, 127-148.	6.0	229
4	Molecular genetics and comparative genomics reveal RNAi is not functional in malaria parasites. Nucleic Acids Research, 2009, 37, 3788-3798.	14.5	177
5	Functional Genomic Analysis of Midgut Epithelial Responses in Anopheles during Plasmodium Invasion. Current Biology, 2005, 15, 1185-1195.	3.9	176
6	Real-time, in vivo analysis of malaria ookinete locomotion and mosquito midgut invasion. Cellular Microbiology, 2004, 6, 671-685.	2.1	171
7	SOAP, a novel malaria ookinete protein involved in mosquito midgut invasion and oocyst development. Molecular Microbiology, 2003, 49, 319-329.	2.5	149
8	Innate immunity in the malaria vector Anopheles gambiae:comparative and functional genomics. Journal of Experimental Biology, 2004, 207, 2551-2563.	1.7	115
9	Conserved Mosquito/Parasite Interactions Affect Development of Plasmodium falciparum in Africa. PLoS Pathogens, 2008, 4, e1000069.	4.7	93
10	Anopheles gambiae laminin interacts with the P25 surface protein of Plasmodium berghei ookinetes. Molecular and Biochemical Parasitology, 2001, 112, 229-237.	1.1	66
11	The developmental migration of Plasmodium in mosquitoes. Current Opinion in Genetics and Development, 2006, 16, 384-391.	3.3	63
12	Infection Intensity-Dependent Responses of Anopheles gambiae to the African Malaria Parasite Plasmodium falciparum. Infection and Immunity, 2011, 79, 4708-4715.	2.2	51
13	Paternal Effect of the Nuclear Formin-like Protein MISFIT on Plasmodium Development in the Mosquito Vector. PLoS Pathogens, 2009, 5, e1000539.	4.7	43
14	Characterization of <scp> P </scp> lasmodium developmental transcriptomes in <scp> A </scp> nopheles gambiae midgut reveals novel regulators of malaria transmission. Cellular Microbiology, 2015, 17, 254-268.	2.1	33
15	PIMMS43 is required for malaria parasite immune evasion and sporogonic development in the mosquito vector. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7363-7373.	7.1	31
16	Plasmodium berghei P47 is essential for ookinete protection from the Anopheles gambiae complement-like response. Scientific Reports, 2017, 7, 6026.	3.3	30
17	The Autosomal Chorion Locus of the Medfly Ceratitis capitata. I. Conserved Synteny, Amplification and Tissue Specificity but Sequence Divergence and Altered Temporal Regulation. Genetics, 1997, 147, 1829-1842.	2.9	30
18	The complex interplay between mosquito positive and negative regulators of Plasmodium development. Current Opinion in Microbiology, 2005, 8, 415-421.	5.1	27

#	Article	IF	Citations
19	An epigenetic map of malaria parasite development from host to vector. Scientific Reports, 2020, 10, 6354.	3.3	26
20	Myosin-A expressions in sporogonic stages of Plasmodium. Molecular and Biochemical Parasitology, 2000, 111, 465-469.	1.1	17
21	Plasmodium berghei PIMMS2 Promotes Ookinete Invasion of the Anopheles gambiae Mosquito Midgut. Infection and Immunity, 2017, 85, .	2.2	13
22	Identification of Three Novel Plasmodium Factors Involved in Ookinete to Oocyst Developmental Transition. Frontiers in Cellular and Infection Microbiology, 2021, 11, 634273.	3.9	12
23	Transcriptional silencing and activation of paternal DNA during <scp> P </scp> lasmodium berghei zygotic development and transformation to oocyst. Cellular Microbiology, 2015, 17, 1230-1240.	2.1	11
24	The chorion genes of the medfly. II. DNA sequence evolution of the autosomal chorion genes s18, s15, s19 and s16 in Diptera. Gene, 2001, 270, 41-52.	2.2	7
25	Cell biological analysis of mosquito midgut invasion: the defensive role of the actin-based ookinete hood. Pathogens and Global Health, 2013, 107, 480-492.	2.3	7
26	Anopheles coluzzii stearoyl-CoA desaturase is essential for adult female survival and reproduction upon blood feeding. PLoS Pathogens, 2021, 17, e1009486.	4.7	7