

Yuemei Dong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

4,909
citations

30
h-index

52
g-index

52
ext. papers

5,800
ext. citations

9.1
avg, IF

5.5
L-index

#	Paper	IF	Citations
49	Implication of the mosquito midgut microbiota in the defense against malaria parasites. <i>PLoS Pathogens</i> , 2009 , 5, e1000423	7.6	482
48	Evolutionary dynamics of immune-related genes and pathways in disease-vector mosquitoes. <i>Science</i> , 2007 , 316, 1738-43	33.3	461
47	Natural microbe-mediated refractoriness to Plasmodium infection in Anopheles gambiae. <i>Science</i> , 2011 , 332, 855-8	33.3	374
46	AgDscam, a hypervariable immunoglobulin domain-containing receptor of the Anopheles gambiae innate immune system. <i>PLoS Biology</i> , 2006 , 4, e229	9.7	345
45	Anopheles gambiae immune responses to human and rodent Plasmodium parasite species. <i>PLoS Pathogens</i> , 2006 , 2, e52	7.6	329
44	Wolbachia invades Anopheles stephensi populations and induces refractoriness to Plasmodium infection. <i>Science</i> , 2013 , 340, 748-51	33.3	307
43	Regulation of enteric endophytic bacterial colonization by plant defenses. <i>Molecular Plant-Microbe Interactions</i> , 2005 , 18, 169-78	3.6	229
42	Nitrogen fixation in wheat provided by Klebsiella pneumoniae 342. <i>Molecular Plant-Microbe Interactions</i> , 2004 , 17, 1078-85	3.6	210
41	Kinetics and strain specificity of rhizosphere and endophytic colonization by enteric bacteria on seedlings of Medicago sativa and Medicago truncatula. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 1783-90	4.8	179
40	Caspar controls resistance to Plasmodium falciparum in diverse anopheline species. <i>PLoS Pathogens</i> , 2009 , 5, e1000335	7.6	165
39	Chromobacterium Csp_P reduces malaria and dengue infection in vector mosquitoes and has entomopathogenic and in vitro anti-pathogen activities. <i>PLoS Pathogens</i> , 2014 , 10, e1004398	7.6	151
38	Anopheles fibrinogen-related proteins provide expanded pattern recognition capacity against bacteria and malaria parasites. <i>Journal of Biological Chemistry</i> , 2009 , 284, 9835-44	5.4	147
37	Mosquito immune defenses against Plasmodium infection. <i>Developmental and Comparative Immunology</i> , 2010 , 34, 387-95	3.2	145
36	Engineered anopheles immunity to Plasmodium infection. <i>PLoS Pathogens</i> , 2011 , 7, e1002458	7.6	130
35	Pathogenomics of Culex quinquefasciatus and meta-analysis of infection responses to diverse pathogens. <i>Science</i> , 2010 , 330, 88-90	33.3	120
34	Exploring Anopheles gut bacteria for Plasmodium blocking activity. <i>Environmental Microbiology</i> , 2014 , 16, 2980-94	5.2	101
33	The Anopheles innate immune system in the defense against malaria infection. <i>Journal of Innate Immunity</i> , 2014 , 6, 169-81	6.9	98

32	Anopheles Imd pathway factors and effectors in infection intensity-dependent anti-Plasmodium action. <i>PLoS Pathogens</i> , 2012 , 8, e1002737	7.6	92
31	CRISPR/Cas9 -mediated gene knockout of Anopheles gambiae FREP1 suppresses malaria parasite infection. <i>PLoS Pathogens</i> , 2018 , 14, e1006898	7.6	80
30	Genomic interspecies microarray hybridization: rapid discovery of three thousand genes in the maize endophyte, <i>Klebsiella pneumoniae</i> 342, by microarray hybridization with <i>Escherichia coli</i> K-12 open reading frames. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 1911-21	4.8	80
29	Anopheles NF- κ B-regulated splicing factors direct pathogen-specific repertoires of the hypervariable pattern recognition receptor AgDscam. <i>Cell Host and Microbe</i> , 2012 , 12, 521-30	23.4	77
28	The entomopathogenic fungus <i>Beauveria bassiana</i> activate toll and JAK-STAT pathway-controlled effector genes and anti-dengue activity in <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 126-32	4.5	74
27	Quantitative assessments of the host range and strain specificity of endophytic colonization by <i>Klebsiella pneumoniae</i> 342. <i>Plant and Soil</i> , 2003 , 257, 49-59	4.2	66
26	Transcriptome analysis of Anopheles stephensi-Plasmodium berghei interactions. <i>Molecular and Biochemical Parasitology</i> , 2005 , 142, 76-87	1.9	51
25	Changes in the microbiota cause genetically modified to spread in a population. <i>Science</i> , 2017 , 357, 1396-1399	13.99	40
24	Anopheles Midgut FREP1 Mediates Plasmodium Invasion. <i>Journal of Biological Chemistry</i> , 2015 , 290, 16490-16501	13.9	39
23	Cytoplasmic actin is an extracellular insect immune factor which is secreted upon immune challenge and mediates phagocytosis and direct killing of bacteria, and is a Plasmodium Antagonist. <i>PLoS Pathogens</i> , 2015 , 11, e1004631	7.6	39
22	Anopheles infection responses; laboratory models versus field malaria transmission systems. <i>Acta Tropica</i> , 2005 , 95, 285-91	3.2	38
21	Caudal is a negative regulator of the Anopheles IMD pathway that controls resistance to Plasmodium falciparum infection. <i>Developmental and Comparative Immunology</i> , 2013 , 39, 323-32	3.2	33
20	Spatial and sex-specific dissection of the Anopheles gambiae midgut transcriptome. <i>BMC Genomics</i> , 2007 , 8, 37	4.5	33
19	Aminopeptidase secreted by <i>Chromobacterium</i> sp. Panama inhibits dengue virus infection by degrading the E protein. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006443	4.8	24
18	A natural Anopheles-associated <i>Penicillium chrysogenum</i> enhances mosquito susceptibility to Plasmodium infection. <i>Scientific Reports</i> , 2016 , 6, 34084	4.9	23
17	The Anopheles FBN9 immune factor mediates Plasmodium species-specific defense through transgenic fat body expression. <i>Developmental and Comparative Immunology</i> , 2017 , 67, 257-265	3.2	23
16	Immune Regulation of Is Species Specific and Infection Intensity Dependent. <i>MBio</i> , 2017 , 8,	7.8	22
15	Versatile transgenic multistage effector-gene combinations for suppression in. <i>Science Advances</i> , 2020 , 6, eaay5898	14.3	21

14	in Pancrustacean Immunity: Current Status and a Look to the Future. <i>Frontiers in Immunology</i> , 2017 , 8, 662	8.4	21
13	Broad spectrum immunomodulatory effects of <i>Anopheles gambiae</i> microRNAs and their use for transgenic suppression of <i>Plasmodium</i> . <i>PLoS Pathogens</i> , 2020 , 16, e1008453	7.6	13
12	Disruption of <i>mosGILT</i> in <i>Anopheles gambiae</i> impairs ovarian development and <i>Plasmodium</i> infection. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	12
11	Continuous exposure to <i>Plasmodium</i> results in decreased susceptibility and transcriptomic divergence of the <i>Anopheles gambiae</i> immune system. <i>BMC Genomics</i> , 2007 , 8, 451	4.5	8
10	Glyphosate inhibits melanization and increases susceptibility to infection in insects. <i>PLoS Biology</i> , 2021 , 19, e3001182	9.7	7
9	The mosquito adulticidal <i>Chromobacterium</i> sp. Panama causes transgenerational impacts on fitness parameters and elicits xenobiotic gene responses. <i>Parasites and Vectors</i> , 2018 , 11, 229	4	6
8	Transcriptional mediators <i>Kto</i> and <i>Skd</i> are involved in the regulation of the IMD pathway and anti- <i>Plasmodium</i> defense in <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2012 , 7, e45580	3.7	6
7	Lacking Inefficiently Transmits to Mice. <i>Infection and Immunity</i> , 2019 , 87,	3.7	3
6	Mosquito transgenesis for malaria control. <i>Trends in Parasitology</i> , 2021 ,	6.4	2
5	Glyphosate Inhibits Melanization and Increases Susceptibility to Infection in Insects		1
4	Field-deployable molecular diagnostic platform for arbovirus detection in <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2020 , 13, 489	4	1
3	C-type lectin 4 regulates broad-spectrum melanization-based refractoriness to malaria parasites.. <i>PLoS Biology</i> , 2022 , 20, e3001515	9.7	0
2	Immunomodulation by Mosquito Salivary Protein AgSAP Contributes to Early Host Infection by .. <i>MBio</i> , 2021 , e0309121	7.8	0
1	Transcriptome profiles of <i>Anopheles gambiae</i> harboring natural low-level <i>Plasmodium</i> infection reveal adaptive advantages for the mosquito. <i>Scientific Reports</i> , 2021 , 11, 22578	4.9	