

Xiao-Guang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,267
citations

361413

20
h-index

233421

45
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58
all docs

58
docs citations

58
times ranked

3013
citing authors

#	ARTICLE	IF	CITATIONS
1	Recombinant Mosquito Dengovirus with Bti Toxins Significantly Improves Pathogenicity against <i>Aedes albopictus</i> . <i>Toxins</i> , 2022, 14, 147.	3.4	2
2	An Experimental Evaluation of Toxicity Effects of Sodium Chloride on Oviposition, Hatching and Larval Development of <i>Aedes albopictus</i> . <i>Pathogens</i> , 2022, 11, 262.	2.8	1
3	Interspecific mating bias may drive <i>Aedes albopictus</i> displacement of <i>Aedes aegypti</i> during its range expansion. , 2022, 1, .		7
4	Genomic Shifts, Phenotypic Clines, and Fitness Costs Associated With Cold Tolerance in the Asian Tiger Mosquito. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	5
5	<i>Armigeres subalbatus</i> is a potential vector for Zika virus but not dengue virus. <i>Infectious Diseases of Poverty</i> , 2022, 11, .	3.7	7
6	The AalNix3&4 isoform is required and sufficient to convert <i>Aedes albopictus</i> females into males. <i>PLoS Genetics</i> , 2022, 18, e1010280.	3.5	4
7	Alternative splicing patterns of <i>doublesex</i> reveal a missing link between <i>Nix</i> and <i>doublesex</i> in the sex determination cascade of <i>Aedes albopictus</i> . <i>Insect Science</i> , 2021, 28, 1601-1620.	3.0	4
8	The direct regulation of <i>Aalbdx</i> on <i>AalVgR</i> is indispensable for ovarian development in <i>Aedes albopictus</i> . <i>Pest Management Science</i> , 2021, 77, 1654-1667.	3.4	2
9	A long-lasting biological larvicide against the dengue vector mosquito <i>Aedes albopictus</i> . <i>Pest Management Science</i> , 2021, 77, 741-748.	3.4	8
10	Impact of deltamethrin-resistance in <i>Aedes albopictus</i> on its fitness cost and vector competence. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009391.	3.0	24
11	The Differential Metabolic Profiles Between Deltamethrin-Resistant and -Susceptible Strains of <i>Aedes albopictus</i> (Diptera: Culicidae) by 1H-NMR. <i>Journal of Medical Entomology</i> , 2021, 58, 1256-1263.	1.8	2
12	Nix is a male-determining factor in the Asian tiger mosquito <i>Aedes albopictus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 118, 103311.	2.7	31
13	[1,2,4]Triazolo[1,5-a]pyrimidine derivative (Mol-5) is a new NS5-RdRp inhibitor of DENV2 proliferation and DENV2-induced inflammation. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 706-718.	6.1	18
14	The effectiveness of early start of Grade III response to dengue in Guangzhou, China: A population-based interrupted time-series study. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008541.	3.0	7
15	Susceptibility and interactions between <i>Aedes</i> mosquitoes and Zika viruses. <i>Insect Science</i> , 2020, 28, 1439-1451.	3.0	7
16	Defervescent dengue patients might be a potential source of infection for vector mosquitoes. <i>Infectious Diseases of Poverty</i> , 2020, 9, 17.	3.7	6
17	Bionomics and insecticide resistance of <i>Aedes albopictus</i> in Shandong, a high latitude and high-risk dengue transmission area in China. <i>Parasites and Vectors</i> , 2020, 13, 11.	2.5	27
18	Vertical transmission of zika virus in <i>Aedes albopictus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008776.	3.0	20

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 14, e0008541.		0
20	Title is missing!. , 2020, 14, e0008541.		0
21	Title is missing!. , 2020, 14, e0008541.		0
22	Title is missing!. , 2020, 14, e0008541.		0
23	Enhancing attraction of the vector mosquito <i>Aedes albopictus</i> by using a novel synthetic odorant blend. <i>Parasites and Vectors</i> , 2019, 12, 382.	2.5	21
24	Differentiation of Long Non-Coding RNA and mRNA Expression Profiles in Male and Female <i>Aedes albopictus</i> . <i>Frontiers in Genetics</i> , 2019, 10, 975.	2.3	16
25	A field-based modeling study on ecological characterization of hourly host-seeking behavior and its associated climatic variables in <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2019, 12, 474.	2.5	14
26	Fast emerging insecticide resistance in <i>Aedes albopictus</i> in Guangzhou, China: Alarm to the dengue epidemic. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007665.	3.0	39
27	Characterization of protein arginine methyltransferase of <i>TgPRMT5</i> in <i>Toxoplasma gondii</i> . <i>Parasites and Vectors</i> , 2019, 12, 221.	2.5	7
28	Trends in insecticide resistance in <i>Culex pipiens pallens</i> over 20 years in Shandong, China. <i>Parasites and Vectors</i> , 2019, 12, 167.	2.5	22
29	Construction of an efficient genomic editing system with CRISPR/Cas9 in the vector mosquito <i>Aedes albopictus</i> . <i>Insect Science</i> , 2019, 26, 1045-1054.	3.0	19
30	Infection by the nematode <i>Angiostrongylus cantonensis</i> induces differential expression of miRNAs in mouse brain. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 94-102.	3.1	5
31	Analysis of the <i>Aedes albopictus</i> C6/36 genome provides insight into cell line utility for viral propagation. <i>GigaScience</i> , 2018, 7, 1-13.	6.4	51
32	Antiviral systems in vector mosquitoes. <i>Developmental and Comparative Immunology</i> , 2018, 83, 34-43.	2.3	13
33	Comparative transcriptome analysis and RNA interference reveal CYP6A8 and SNPs related to pyrethroid resistance in <i>Aedes albopictus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006828.	3.0	20
34	Photoperiodic diapause in a subtropical population of <i>Aedes albopictus</i> in Guangzhou, China: optimized field-laboratory-based study and statistical models for comprehensive characterization. <i>Infectious Diseases of Poverty</i> , 2018, 7, 89.	3.7	13
35	Bacterial microbiota assemblage in <i>Aedes albopictus</i> mosquitoes and its impacts on larval development. <i>Molecular Ecology</i> , 2018, 27, 2972-2985.	3.9	78
36	Comparative studies of <i>Toxoplasma gondii</i> transcriptomes: insights into stage conversion based on gene expression profiling and alternative splicing. <i>Parasites and Vectors</i> , 2018, 11, 402.	2.5	21

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37	Evidence for multiple-insecticide resistance in urban <i>Aedes albopictus</i> populations in southern China. <i>Parasites and Vectors</i> , 2018, 11, 4.	2.5	62
38	Use of a Recombinant Mosquito Dengovirus As a Gene Delivery Vector for the Functional Analysis of Genes in Mosquito Larvae. <i>Journal of Visualized Experiments</i> , 2017, .	0.3	11
39	Temperature Increase Enhances <i>Aedes albopictus</i> Competence to Transmit Dengue Virus. <i>Frontiers in Microbiology</i> , 2017, 8, 2337.	3.5	80
40	Competence of <i>Aedes aegypti</i> , <i>Ae. albopictus</i> , and <i>Culex quinquefasciatus</i> Mosquitoes as Zika Virus Vectors, China. <i>Emerging Infectious Diseases</i> , 2017, 23, 1085-1091.	4.3	95
41	Comparative evaluation of the efficiency of the BG-Sentinel trap, CDC light trap and Mosquito-oviposition trap for the surveillance of vector mosquitoes. <i>Parasites and Vectors</i> , 2016, 9, 446.	2.5	64
42	Multi-country Survey Revealed Prevalent and Novel F1534S Mutation in Voltage-Gated Sodium Channel (VGSC) Gene in <i>Aedes albopictus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004696.	3.0	72
43	Integrated analysis of miRNAs and transcriptomes in <i>Aedes albopictus</i> midgut reveals the differential expression profiles of immune-related genes during dengue virus serotype-2 infection. <i>Insect Science</i> , 2016, 23, 377-385.	3.0	22
44	Developmental piRNA profiles of the invasive vector mosquito <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2016, 9, 524.	2.5	38
45	Comparative performance of transcriptome assembly methods for non-model organisms. <i>BMC Genomics</i> , 2016, 17, 523.	2.8	47
46	Functional analysis of Orco and odorant receptors in odor recognition in <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2016, 9, 363.	2.5	33
47	A male-determining factor in the mosquito <i>Aedes aegypti</i> . <i>Science</i> , 2015, 348, 1268-1270.	12.6	266
48	Genome sequence of the Asian Tiger mosquito, <i>Aedes albopictus</i> , reveals insights into its biology, genetics, and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5907-15.	7.1	251
49	The expression profile of <i>Aedes albopictus</i> miRNAs is altered by dengue virus serotype-2 infection. <i>Cell and Bioscience</i> , 2015, 5, 16.	4.8	94
50	Urbanization Increases <i>Aedes albopictus</i> Larval Habitats and Accelerates Mosquito Development and Survivorship. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3301.	3.0	293
51	Insecticide resistance of <i>Anopheles sinensis</i> and <i>An. vagus</i> in Hainan Island, a malaria-endemic area of China. <i>Parasites and Vectors</i> , 2014, 7, 92.	2.5	34
52	Analysis of the antibodies anti- <i>Toxoplasma gondii</i> by ELISA based on two diagnostic antigens: rSAG1 and rBAG1. <i>Acta Parasitologica</i> , 2011, 56, .	1.1	4
53	Dengue Fever in Mainland China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 664-671.	1.4	207
54	Gene Expression Studies in Mosquitoes. <i>Advances in Genetics</i> , 2008, 64, 19-50.	1.8	45

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55	The <i>Anopheles gambiae</i> vitellogenin gene (VGT2) promoter directs persistent accumulation of a reporter gene product in transgenic <i>Anopheles stephensi</i> following multiple bloodmeals. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1118-24.	1.4	19
56	Toxoplasmosis researches in China. <i>Chinese Medical Journal</i> , 2005, 118, 1015-21.	2.3	4