

Changde Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3572541/publications.pdf>

Version: 2024-02-01

23
papers

1,083
citations

623574

14
h-index

642610

23
g-index

28
all docs

28
docs citations

28
times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular evolution and the decline of purifying selection with age. <i>Nature Communications</i> , 2021, 12, 2657.	5.8	16
2	Predicting the Evolution of Sexual Dimorphism in Gene Expression. <i>Molecular Biology and Evolution</i> , 2021, 38, 1847-1859.	3.5	4
3	Predicting Multivariate Responses of Sexual Dimorphism to Direct and Indirect Selection. <i>American Naturalist</i> , 2020, 196, 391-405.	1.0	12
4	The signal of sex-specific selection in humans is not an artefact: Reply to Mank et al.. <i>Molecular Ecology</i> , 2020, 29, 1406-1407.	2.0	11
5	Inversions are bigger on the X chromosome. <i>Molecular Ecology</i> , 2019, 28, 1238-1245.	2.0	13
6	Latent cellular analysis robustly reveals subtle diversity in large-scale single-cell RNA-seq data. <i>Nucleic Acids Research</i> , 2019, 47, e143-e143.	6.5	26
7	Complex interactions between day length and diurnal patterns of gene expression drive photoperiodic responses in a perennial C ₄ grass. <i>Plant, Cell and Environment</i> , 2019, 42, 2165-2182.	2.8	18
8	Sex Differences in Recombination in Sticklebacks. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1971-1983.	0.8	63
9	Metabolic signaling directs the reciprocal lineage decisions of $\hat{1}\pm\hat{1}^2$ and $\hat{1}\hat{3}\hat{1}$ T cells. <i>Science Immunology</i> , 2018, 3, .	5.6	63
10	Systems genetic analysis of inversion polymorphisms in the malaria mosquito <i>Anopheles gambiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7005-E7014.	3.3	47
11	Extensive Genetic Differentiation between Homomorphic Sex Chromosomes in the Mosquito Vector, <i>Aedes aegypti</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 2322-2335.	1.1	45
12	Environmental Plasticity in the Intersexual Correlation and Sex Bias of Gene Expression. <i>Journal of Heredity</i> , 2017, 108, 754-758.	1.0	3
13	Radical remodeling of the Y chromosome in a recent radiation of malaria mosquitoes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2114-23.	3.3	92
14	Transcriptomic differences between euryhaline and stenohaline malaria vector sibling species in response to salinity stress. <i>Molecular Ecology</i> , 2016, 25, 2210-2225.	2.0	17
15	Sex-Specific Selection and Sex-Biased Gene Expression in Humans and Flies. <i>PLoS Genetics</i> , 2016, 12, e1006170.	1.5	109
16	Genome-wide QTL mapping of saltwater tolerance in sibling species of <i>Anopheles</i> (malaria vector) mosquitoes. <i>Heredity</i> , 2015, 115, 471-479.	1.2	17
17	Gene expression divergence between malaria vector sibling species <i>Anopheles gambiae</i> and <i>An. coluzzii</i> from rural and urban Yaoundé Cameroon. <i>Molecular Ecology</i> , 2014, 23, 2242-2259.	2.0	28
18	Cuticular differences associated with aridity acclimation in African malaria vectors carrying alternative arrangements of inversion 2La. <i>Parasites and Vectors</i> , 2014, 7, 176.	1.0	34

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19	Ecological Genomics of <i>Anopheles gambiae</i> Along a Latitudinal Cline: A Population-Resequencing Approach. <i>Genetics</i> , 2012, 190, 1417-1432.	1.2	157
20	Divergent transcriptional response to thermal stress by <i>Anopheles gambiae</i> larvae carrying alternative arrangements of inversion 2La. <i>Molecular Ecology</i> , 2011, 20, 2567-2580.	2.0	37
21	Adaptive divergence between incipient species of <i>Anopheles gambiae</i> increases resistance to <i>Plasmodium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 244-249.	3.3	97
22	Genetic association of physically unlinked islands of genomic divergence in incipient species of <i>Anopheles gambiae</i> . <i>Molecular Ecology</i> , 2010, 19, 925-939.	2.0	123
23	The Population Genomics of Trans-Specific Inversion Polymorphisms in <i>Anopheles gambiae</i> . <i>Genetics</i> , 2009, 183, 275-288.	1.2	47