Wen Huang

List of Publications by Year
in descending order

35 papers	2,544 citations	257101 24 h-index	360668 35 g-index
37 all docs	37 docs citations	37 times ranked	2910 citing authors

#	Article	IF	Citations
1	Natural variation in genome architecture among 205 <i>Drosophila melanogaster</i> Genetic Reference Panel lines. Genome Research, 2014, 24, 1193-1208.	2.4	565
2	Epistasis dominates the genetic architecture of <i>Drosophila</i> quantitative traits. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15553-15559.	3.3	348
3	The Genetic Architecture of Quantitative Traits Cannot Be Inferred from Variance Component Analysis. PLoS Genetics, 2016, 12, e1006421.	1.5	158
4	Genetic basis of transcriptome diversity in <i>Drosophila melanogaster</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6010-9.	3.3	134
5	Charting the genotypeâ€“phenotype map: lessons from the <i>Drosophila melanogaster</i> Genetic Reference Panel. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e289.	5.9	121
6	Genetic architecture of natural variation in <i>Drosophila melanogaster</i> aggressive behavior. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3555-63.	3.3	115
7	The Genetic Architecture of Natural Variation in Recombination Rate in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1005951.	1.5	102
8	Genetic Architecture of Abdominal Pigmentation in Drosophila melanogaster. PLoS Genetics, 2015, 11, e1005163.	1.5	89
9	Quantitative Genetics of Food Intake in Drosophila melanogaster. PLoS ONE, 2015, 10, e0138129.	1.1	84
10	The Genetic Basis for Variation in Olfactory Behavior in Drosophila melanogaster. Chemical Senses, 2015, 40, 233-243.	1.1	71
11	Spontaneous mutations and the origin and maintenance of quantitative genetic variation. ELife, 2016, 5, .	2.8	63
12	Effect of genetic architecture on the prediction accuracy of quantitative traits in samples of unrelated individuals. Heredity, 2018, 120, 500-514.	1.2	59
13	Gene expression networks in the <i>Drosophila</i> Genetic Reference Panel. Genome Research, 2020, 30, 485-496.	2.4	55
14	Polymorphisms in early neurodevelopmental genes affect natural variation in alcohol sensitivity in adult drosophila. BMC Genomics, 2015, 16, 865.	1.2	54
15	Accounting for Genetic Architecture Improves Sequence Based Genomic Prediction for a Drosophila Fitness Trait. PLoS ONE, 2015, 10, e0126880.	1.1	50
16	Context-dependent genetic architecture of Drosophila life span. PLoS Biology, 2020, 18, e3000645.	2.6	47
17	Genetic architecture of natural variation in visual senescence in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6620-E6629.	3.3	46
18	Genome-wide association analyses identify known and novel loci for teat number in Duroc pigs using single-locus and multi-locus models. BMC Genomics, 2020, 21, 344.	1.2	43

#	Article	IF	Citations
19	Rapid and Predictable Evolution of Admixed Populations Between Two<i>Drosophila</i>Species Pairs. Genetics, 2020, 214, 211-230.	1.2	42
20	Genome-Wide Association Analysis of Tolerance to Methylmercury Toxicity in Drosophila Implicates Myogenic and Neuromuscular Developmental Pathways. PLoS ONE, 2014, 9, e110375.	1.1	42
21	The Genomic Basis of Postponed Senescence in Drosophila melanogaster. PLoS ONE, 2015, 10, e0138569.	1.1	40
22	Precipitation in the Yellow River drainage basin and East Asian monsoon strength on a decadal time scale. Quaternary Research, 2012, 78, 486-491.	1.0	31
23	Genotype by environment interaction for gene expression in Drosophila melanogaster. Nature Communications, 2020, 11, 5451.	5.8	30
24	Nitrogen removal characteristics and potential application of the heterotrophic nitrifying-aerobic denitrifying bacteria Pseudomonas mendocina S16 and Enterobacter cloacae DS'5 isolated from aquaculture wastewater ponds. Bioresource Technology, 2022, 345, 126541.	4.8	29
25	Leveraging Multiple Layers of Data To Predict <i>Drosophila</i> Complex Traits. G3: Genes, Genomes, Genetics, 2020, 10, 4599-4613.	0.8	21
26	Genetic and Genomic Response to Selection for Food Consumption in Drosophila melanogaster. Behavior Genetics, 2017, 47, 227-243.	1.4	20
27	Influence of Genetic Interactions on Polygenic Prediction. G3: Genes, Genomes, Genetics, 2020, 10, 109-115.	0.8	19
28	Identify known and novel candidate genes associated with backfat thickness in Duroc pigs by large-scale genome-wide association analysis. Journal of Animal Science, 2022, 100, .	0.2	16
29	Genetic basis of variation in cocaine and methamphetamine consumption in outbred populations of <i>Drosophila melanogaster</i>. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	12
30	Genetic Basis of Increased Lifespan and Postponed Senescence in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2020, 10, 1087-1098.	0.8	8
31	ASlive: a database for alternative splicing atlas in livestock animals. BMC Genomics, 2020, 21, 97.	1.2	8
32	MetazExp: a database for gene expression and alternative splicing profiles and their analyses based on 53 615 public RNA-seq samples in 72 metazoan species. Nucleic Acids Research, 2022, 50, D1046-D1054.	6.5	7
33	Genetic Basis of Natural Variation in Spontaneous Grooming in<i>Drosophila melanogaster</i>. G3: Genes, Genomes, Genetics, 2020, 10, 3453-3460.	0.8	5
34	Genome-Wide Analysis in Drosophila Reveals the Genetic Basis of Variation in Age-Specific Physical Performance and Response to ACE Inhibition. Genes, 2022, 13, 143.	1.0	5
35	Epistasis for head morphology in <i>Drosophila melanogaster</i>. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	2