

Aya Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,305
citations

516710

16
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1653
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the epidermis enhancer element in positive and negative transcriptional regulation of <i>ebony</i> in <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	4
2	A standardized nomenclature and atlas of the female terminalia of <i>Drosophila melanogaster</i> . <i>Fly</i> , 2022, 16, 128-151.	1.7	11
3	<i>Drosophila suzukii</i> avoidance of microbes in oviposition choice. <i>Royal Society Open Science</i> , 2021, 8, 201601.	2.4	19
4	Highly contiguous assemblies of 101 drosophilid genomes. <i>ELife</i> , 2021, 10, .	6.0	108
5	Starvation tolerance associated with prolonged sleep bouts upon starvation in a single natural population of <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2019, 32, 1117-1123.	1.7	4
6	Population genetic analysis of two species of <i>Distylium</i> : <i>D. racemosum</i> growing in East Asian evergreen broad-leaved forests and <i>D. lepidotum</i> endemic to the Ogasawara (Bonin) Islands. <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	1.6	3
7	Pleiotropic Effects of <i>ebony</i> and <i>tan</i> on Pigmentation and Cuticular Hydrocarbon Composition in <i>Drosophila melanogaster</i> . <i>Frontiers in Physiology</i> , 2019, 10, 518.	2.8	38
8	Inferring the demographic history of Japanese cedar, <i>Cryptomeria japonica</i> , using amplicon sequencing. <i>Heredity</i> , 2019, 123, 371-383.	2.6	7
9	An innovative ovipositor for niche exploitation impacts genital coevolution between sexes in a fruit-damaging <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181635.	2.6	30
10	Mechanical incompatibility caused by modifications of multiple male genital structures using genomic introgression in <i>Drosophila</i> *. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2406-2418.	2.3	21
11	<i>Cis</i> - and <i>Trans</i> -regulatory Effects on Gene Expression in a Natural Population of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2017, 206, 2139-2148.	2.9	57
12	A Generalized Linear Model for Decomposing <i>Cis</i> -regulatory, Parent-of-Origin, and Maternal Effects on Allele-Specific Gene Expression. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2227-2234.	1.8	11
13	Factors underlying natural variation in body pigmentation of <i>Drosophila melanogaster</i> . <i>Genes and Genetic Systems</i> , 2016, 91, 127-137.	0.7	3
14	Whole-genome sequencing reveals small genomic regions of introgression in an introduced crater lake population of threespine stickleback. <i>Ecology and Evolution</i> , 2016, 6, 2190-2204.	1.9	17
15	Complex patterns of <i>cis</i> -regulatory polymorphisms in <i>ebony</i> underlie standing pigmentation variation in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2015, 24, 5829-5841.	3.9	32
16	A Novel Cell Death Gene Acts to Repair Patterning Defects in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2014, 197, 739-742.	2.9	4
17	Ecology, genetics, and evolution of body color variations. <i>Genes and Genetic Systems</i> , 2013, 88, 143-143.	0.7	0
18	Cold tolerance and metabolic rate increased by cold acclimation in <i>Drosophila albomicans</i> from natural populations. <i>Genes and Genetic Systems</i> , 2013, 88, 289-300.	0.7	11

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19	Pigmentation and behavior: potential association through pleiotropic genes in <i>Drosophila</i> . <i>Genes and Genetic Systems</i> , 2013, 88, 165-174.	0.7	46
20	Cuticular Hydrocarbon Content that Affects Male Mate Preference of <i>Drosophila melanogaster</i> from West Africa. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-10.	1.0	3
21	Starvation-Induced Elevation of Taste Responsiveness and Expression of a Sugar Taste Receptor Gene in <i>Drosophila melanogaster</i> . <i>Journal of Neurogenetics</i> , 2012, 26, 206-215.	1.4	17
22	Divergent enhancer haplotype of ebony on inversion In(3R)Payne associated with pigmentation variation in a tropical population of <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2011, 20, 4277-4287.	3.9	34
23	Introgression of <i>Drosophila simulans</i> Nuclear Pore Protein 160 in <i>Drosophila melanogaster</i> Alone Does Not Cause Inviability but Does Cause Female Sterility. <i>Genetics</i> , 2010, 186, 669-676.	2.9	21
24	Molecular Spectrum of Spontaneous <i>de Novo</i> Mutations in Male and Female Germline Cells of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2009, 181, 1035-1043.	2.9	19
25	Effect of exonic splicing regulation on synonymous codon usage in alternatively spliced exons of Dscam. <i>BMC Evolutionary Biology</i> , 2009, 9, 214.	3.2	7
26	Characteristics of genes up-regulated and down-regulated after 24h starvation in the head of <i>Drosophila</i> . <i>Gene</i> , 2009, 446, 11-17.	2.2	48
27	Mosaic genealogy of the <i>Mus musculus</i> genome revealed by 21 nuclear genes from its three subspecies. <i>Genes and Genetic Systems</i> , 2008, 83, 77-88.	0.7	20
28	Natural Variation of <i>ebony</i> Gene Controlling Thoracic Pigmentation in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2007, 177, 1233-1237.	2.9	42
29	A SNP in the ABCC11 gene is the determinant of human earwax type. <i>Nature Genetics</i> , 2006, 38, 324-330.	21.4	267
30	A High-Frequency Null Mutant of an Odorant-Binding Protein Gene, <i>Obp57e</i> , in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2005, 170, 709-718.	2.9	13
31	Genetic Basis of Sexual Isolation in <i>Drosophila melanogaster</i> . <i>Genetica</i> , 2004, 120, 273-284.	1.1	20
32	Genetic basis of sexual isolation in <i>Drosophila melanogaster</i> . <i>Contemporary Issues in Genetics and Evolution</i> , 2004, , 273-284.	0.9	1
33	Genetic Variation Versus Recombination Rate in a Structured Population of Mice. <i>Molecular Biology and Evolution</i> , 2003, 21, 404-409.	8.9	17
34	Incipient speciation by sexual isolation in <i>Drosophila</i> : Concurrent evolution at multiple loci. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 6709-6713.	7.1	124
35	The nucleotide changes governing cuticular hydrocarbon variation and their evolution in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3920-3925.	7.1	180
36	Effects of Density on Growth of Head Size in Larvae of the Salamander <i>Hynobius retardatus</i> . <i>Copeia</i> , 1996, 1996, 478.	1.3	34