

Takashi Matsuo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4399761/publications.pdf>

Version: 2024-02-01

58
papers

2,105
citations

304743

22
h-index

243625

44
g-index

59
all docs

59
docs citations

59
times ranked

2450
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Behavior Analysis Using a YOLO-Based Object Detection System. <i>NeuroMethods</i> , 2022, , 257-275.	0.3	3
2	A courtship behavior that makes monandrous females polyandrous. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2483-2493.	2.3	8
3	Food availability reverses the effect of hunger state on copulation rate in <i>Drosophila prolongata</i> females. <i>Animal Behaviour</i> , 2020, 166, 51-59.	1.9	12
4	Intra- Versus Inter-Sexual Selection on Sexually Dimorphic Traits in <i>Drosophila prolongata</i> . <i>Zoological Science</i> , 2020, 37, 210.	0.7	8
5	In vitro analysis of DIMBOA catabolism in the Asian corn borer <i>Ostrinia furnacalis</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	5
6	Effect of social condition on behavioral development during early adult phase in <i>Drosophila prolongata</i> . <i>Journal of Ethology</i> , 2018, 36, 15-22.	0.8	11
7	The adaptive role of a species-specific courtship behaviour in coping with remating suppression of mated females. <i>Animal Behaviour</i> , 2018, 140, 29-37.	1.9	11
8	Conservation and lineage-specific rearrangements in the GOBP/PBP gene complex of distantly related ditrysian Lepidoptera. <i>PLoS ONE</i> , 2018, 13, e0192762.	2.5	8
9	Comparative analysis of the brain transcriptome in a hyper-aggressive fruit fly, <i>Drosophila prolongata</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 82, 11-20.	2.7	23
10	<i>>piggyBac</i>- and phiC31 integrase-mediated transgenesis in <i>>Drosophila prolongata</i>. <i>Genes and Genetic Systems</i> , 2017, 92, 277-285.	0.7	4
11	Intraspecific variation in heat tolerance of <i>Drosophila prolongata</i> (Diptera: Drosophilidae). <i>Applied Entomology and Zoology</i> , 2016, 51, 515-520.	1.2	13
12	Inheritance Pattern of Female Receptivity in <i>Drosophila prolongata</i>. <i>Zoological Science</i> , 2016, 33, 455-460.	0.7	8
13	Sexually biased expression of odorant-binding proteins and chemosensory proteins in Asian corn borer <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae). <i>Applied Entomology and Zoology</i> , 2016, 51, 373-383.	1.2	4
14	Targeted mutagenesis of an odorant receptor co-receptor using TALEN in <i>Ostrinia furnacalis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 70, 53-59.	2.7	39
15	Comparison of the ability to catabolize DIMBOA, a maize antibiotic, between <i>Ostrinia furnacalis</i> and <i>Ostrinia scapularis</i> (Lepidoptera: Crambidae), with reference to their hybrids. <i>Applied Entomology and Zoology</i> , 2016, 51, 143-149.	1.2	9
16	Social context-dependent modification of courtship behaviour in <i>Drosophila prolongata</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151377.	2.6	25
17	Comprehensive identification of odorant-binding protein genes in the seed fly, <i>Delia platura</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 7	1.2	7
18	A short, high-temperature treatment of host larvae to analyze Wolbachiaâ€‘host interactions in the moth <i>Ostrinia scapularis</i> . <i>Journal of Insect Physiology</i> , 2015, 81, 48-51.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Multiple ω 11-desaturase genes selectively used for sex pheromone biosynthesis are conserved in <i>Ostrinia</i> moth genomes. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 61, 62-68.	2.7	13
20	Variation in morphological and behavioral traits among isofemale strains of <i>Drosophila prolongata</i> (Diptera: Drosophilidae). <i>Entomological Science</i> , 2015, 18, 221-229.	0.6	25
21	Identification of Candidate Odorant Receptors in Asian Corn Borer <i>Ostrinia furnacalis</i> . <i>PLoS ONE</i> , 2015, 10, e0121261.	2.5	50
22	Cloning, phylogeny, and expression analysis of the Broad-Complex gene in the longicorn beetle <i>Psacotha hilaris</i> . <i>SpringerPlus</i> , 2014, 3, 539.	1.2	8
23	Identification of odorant-binding protein genes expressed in the antennae and the legs of the onion fly, <i>Delia antiqua</i> (Diptera: Anthomyiidae). <i>Applied Entomology and Zoology</i> , 2014, 49, 89-95.	1.2	5
24	Sexual dimorphism and courtship behavior in <i>Drosophila prolongata</i> . <i>Journal of Ethology</i> , 2014, 32, 91-102.	0.8	36
25	Conserved cis-regulatory elements of two odorant-binding protein genes, <i>Obp57d</i> and <i>Obp57e</i> , in <i>Drosophila</i> . <i>Genes and Genetic Systems</i> , 2012, 87, 323-329.	0.7	7
26	Functional Evolution of Duplicated Odorant-Binding Protein Genes, <i>Obp57d</i> and <i>Obp57e</i> , in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e29710.	2.5	34
27	Contribution of olfactory and gustatory sensations of octanoic acid in the oviposition behavior of <i>Drosophila melanogaster</i> (Diptera: Drosophilidae). <i>Applied Entomology and Zoology</i> , 2012, 47, 137-142.	1.2	10
28	Identification of odorant-binding protein genes from antennal expressed sequence tags of the onion fly, <i>Delia antiqua</i> . <i>Molecular Biology Reports</i> , 2011, 38, 1787-1792.	2.3	22
29	Calcineurin and Its Regulator <i>Sra/DSCR1</i> Are Essential for Sleep in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2011, 31, 12759-12766.	3.6	48
30	Two types of cis-trans compensation in the evolution of transcriptional regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15276-15281.	7.1	49
31	The Shaping of Male Courtship Posture by Lateralized Gustatory Inputs to Male-Specific Interneurons. <i>Current Biology</i> , 2010, 20, 1-8.	3.9	298
32	Insulin-degrading enzyme antagonizes insulin-dependent tissue growth and $\text{A}\beta$ -induced neurotoxicity in <i>Drosophila</i> . <i>FEBS Letters</i> , 2010, 584, 2916-2920.	2.8	22
33	Loss of <i>Trx2</i> enhances oxidative stress-dependent phenotypes in <i>Drosophila</i> . <i>FEBS Letters</i> , 2010, 584, 3398-3401.	2.8	34
34	Evolution of expression patterns of two odorant-binding protein genes, <i>Obp57d</i> and <i>Obp57e</i> , in <i>Drosophila</i> . <i>Gene</i> , 2010, 467, 25-34.	2.2	59
35	Overexpression of <i>grappa</i> encoding a histone methyltransferase enhances stress resistance in <i>Drosophila</i> . <i>Hereditas</i> , 2009, 146, 19-28.	1.4	10
36	Shaping of <i>Drosophila</i> Male Courtship Posture by a Gustatory Pheromone. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 497-501.	3.8	3

#	ARTICLE	IF	CITATIONS
37	Genes for Host-Plant Selection in <i>Drosophila</i> . <i>Journal of Neurogenetics</i> , 2008, 22, 195-210.	1.4	27
38	Rapid Evolution of Two Odorant-Binding Protein Genes, <i>Obp57d</i> and <i>Obp57e</i> , in the <i>Drosophila melanogaster</i> Species Group. <i>Genetics</i> , 2008, 178, 1061-1072.	2.9	23
39	Behavioral analyses of mutants for two odorant-binding protein genes, <i>Obp57d</i> and <i>Obp57e</i> , in <i>Drosophila melanogaster</i> . <i>Genes and Genetic Systems</i> , 2008, 83, 257-264.	0.7	41
40	Odorant-Binding Proteins <i>OBP57d</i> and <i>OBP57e</i> Affect Taste Perception and Host-Plant Preference in <i>Drosophila sechellia</i> . <i>PLoS Biology</i> , 2007, 5, e118.	5.6	346
41	Thioredoxin Suppresses Parkin-associated Endothelin Receptor-like Receptor-induced Neurotoxicity and Extends Longevity in <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 11180-11187.	3.4	42
42	The Calcineurin Regulator <i>Sra</i> Plays an Essential Role in Female Meiosis in <i>Drosophila</i> . <i>Current Biology</i> , 2006, 16, 1435-1440.	3.9	63
43	In Vivo Hyaluronan Synthesis upon Expression of the Mammalian Hyaluronan Synthase Gene in <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 18920-18925.	3.4	19
44	Expression Level of <i>sarah</i> , a Homolog of <i>DSCR1</i> , Is Critical for Ovulation and Female Courtship Behavior in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2004, 168, 2077-2087.	2.9	26
45	Comparative sequence analysis of a gene-dense region among closely related species of <i>Drosophila melanogaster</i> . <i>Genes and Genetic Systems</i> , 2004, 79, 351-359.	0.7	4
46	Genetic Bases of Oxidative Stress Resistance and Life Span in <i>Drosophila</i> . <i>Journal of Clinical Biochemistry and Nutrition</i> , 2004, 34, 77-83.	1.4	2
47	Efficient measurement of H ₂ O ₂ resistance in <i>Drosophila</i> using an activity monitor. <i>Biogerontology</i> , 2003, 4, 157-165.	3.9	14
48	<i>Drosophila lola</i> encodes a family of BTB-transcription regulators with highly variable C-terminal domains containing zinc finger motifs. <i>Gene</i> , 2003, 311, 59-69.	2.2	36
49	Dally regulates Dpp morphogen gradient formation in the <i>Drosophila</i> wing. <i>Development (Cambridge)</i> , 2003, 130, 1515-1522.	2.5	207
50	Longevity determination genes in <i>Drosophila melanogaster</i> . <i>Mechanisms of Ageing and Development</i> , 2002, 123, 1531-1541.	4.6	59
51	The Gene Search System: Its Application to Functional Genomics in <i>Drosophila Melanogaster</i> . <i>Journal of Neurogenetics</i> , 2001, 15, 169-178.	1.4	16
52	Application of the gene search system to screen for longevity genes in <i>Drosophila</i> . <i>Biogerontology</i> , 2001, 2, 209-217.	3.9	62
53	Neural-specific overexpression of <i>drosophila</i> plenty of SH3s (<i>DPOSH</i>) extends the longevity of adult flies. <i>Biogerontology</i> , 2001, 2, 271-281.	3.9	27
54	Protective role of uric acid against photooxidative stress in the silkworm, <i>Bombyx mori</i> (Lepidoptera: Tj ETQq0 0 0,rgBT /Overlock 10 T	1.2	20

#	ARTICLE	IF	CITATIONS
55	The Canoe protein is necessary in adherens junctions for development of ommatidial architecture in the <i>Drosophila</i> compound eye. <i>Cell and Tissue Research</i> , 1999, 298, 397-404.	2.9	10
56	Direct binding between two PDZ domain proteins Canoe and ZO-1 and their roles in regulation of the Jun N-terminal kinase pathway in <i>Drosophila</i> morphogenesis. <i>Mechanisms of Development</i> , 1998, 78, 97-111.	1.7	99
57	Limitation of Dietary Copper and Zinc Decreases Superoxide Dismutase Activity in the Onion Fly, <i>Delia antiqua</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997, 117, 191-195.	0.6	4
58	Genetic interactions of pokkuri with seven in absentia, tramtrack and downstream components of the sevenless pathway in R7 photoreceptor induction in <i>Drosophila melanogaster</i> . <i>Roux's Archives of Developmental Biology</i> , 1996, 205, 215-224.	1.2	14