Azusa Kamikouchi

List of Publications by Year
in descending order

48 papers	2,226 citations	304743 22 h-index	302126 39 g-index
56 all docs	56 docs citations	56 times ranked	1788 citing authors

#	Article	IF	Citations
1	The neural basis of Drosophila gravity-sensing and hearing. Nature, 2009, 458, 165-171.	27.8	347
2	Distinct sensory representations of wind and near-field sound in the Drosophila brain. Nature, 2009, 458, 201-205.	27.8	232
3	Comprehensive classification of the auditory sensory projections in the brain of the fruit flyDrosophila melanogaster. Journal of Comparative Neurology, 2006, 499, 317-356.	1.6	207
4	Specification of auditory sensitivity by Drosophila TRP channels. Nature Neuroscience, 2006, 9, 999-1000.	14.8	154
5	The Nutrient-Responsive Hormone CCHamide-2 Controls Growth by Regulating Insulin-like Peptides in the Brain of Drosophila melanogaster. PLoS Genetics, 2015, 11, e1005209.	3.5	143
6	Carbohydrate metabolism genes and pathways in insects: insights from the honey bee genome. Insect Molecular Biology, 2006, 15, 563-576.	2.0	131
7	Soldier caste-specific gene expression in the mandibular glands of Hodotermopsis japonica (Isoptera:) Tj ETQq1 1 0.784314 rgBT /Ove 96, 13874-13879.	7.1	94
8	Identification of a novel gene, Mblk-1, that encodes a putative transcription factor expressed preferentially in the large-type Kenyon cells of the honeybee brain. Insect Molecular Biology, 2001, 10, 487-494.	2.0	70
9	Preferential Expression of the Gene for a Putative Inositol 1,4,5-Trisphosphate Receptor Homologue in the Mushroom Bodies of the Brain of the Worker HoneybeeApis melliferaL.. Biochemical and Biophysical Research Communications, 1998, 242, 181-186.	2.1	67
10	Organization of projection neurons and local neurons of the primary auditory center in the fruit fly <i>Drosophila melanogaster</i>. Journal of Comparative Neurology, 2016, 524, 1099-1164.	1.6	61
11	Concentrated expression of Ca2+/calmodulin-dependent protein kinase II and protein kinase C in the mushroom bodies of the brain of the honeybeeApis mellifera L.. , 2000, 417, 501-510.		60
12	Identification and punctate nuclear localization of a novel noncoding RNA, Ks-1, from the honeybee brain. Rna, 2002, 8, 772-785.	3.5	50
13	Identification of genes expressed preferentially in the honeybee mushroom bodies by combination of differential display and cDNA microarray 1. FEBS Letters, 2002, 513, 230-234.	2.8	48
14	Identification of novel vibration- and deflection-sensitive neuronal subgroups in Johnston's organ of the fruit fly. Frontiers in Physiology, 2014, 5, 179.	2.8	41
15	Identification of Honeybee Antennal Proteins/Genes Expressed in a Sex- and/or Caste Selective Manner. Zoological Science, 2004, 21, 53-62.	0.7	40
16	Methods for quantifying simple gravity sensing in Drosophila melanogaster. Nature Protocols, 2010, 5, 20-25.	12.0	37
17	Auditory experience controls the maturation of song discrimination and sexual response in Drosophila. ELife, 2018, 7, .	6.0	36
18	A Feedforward Circuit Regulates Action Selection of Pre-mating Courtship Behavior in Female Drosophila. Current Biology, 2020, 30, 396-407.e4.	3.9	33

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19	Analysis of the distribution of the brain cells of the fruit fly by an automatic cell counting algorithm. Physica A: Statistical Mechanics and Its Applications, 2005, 350, 144-149.	2.6	32
20	Neuronal encoding of sound, gravity, and wind in the fruit fly. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 253-262.	1.6	31
21	GABAergic Local Interneurons Shape Female Fruit Fly Response to Mating Songs. Journal of Neuroscience, 2018, 38, 4329-4347.	3.6	31
22	Mechanical feedback amplification in <i>Drosophila</i> hearing is independent of synaptic transmission. European Journal of Neuroscience, 2010, 31, 697-703.	2.6	29
23	Selectivity and Plasticity in a Sound-Evoked Male-Male Interaction in Drosophila. PLoS ONE, 2013, 8, e74289.	2.5	28
24	Anatomic and Physiologic Heterogeneity of Subgroup-A Auditory Sensory Neurons in Fruit Flies. Frontiers in Neural Circuits, 2017, 11, 46.	2.8	25
25	Auditory system of fruit flies. Hearing Research, 2016, 338, 1-8.	2.0	21
26	Transcuticular optical imaging of stimulus-evoked neural activities in the Drosophila peripheral nervous system. Nature Protocols, 2010, 5, 1229-1235.	12.0	18
27	Auditory neuroscience in fruit flies. Neuroscience Research, 2013, 76, 113-118.	1.9	18
28	Hearing in Drosophila. Springer Handbook of Auditory Research, 2016, , 239-262.	0.7	17
29	Protocol for quantifying sound-sensing ability of Drosophila melanogaster. Nature Protocols, 2010, 5, 26-30.	12.0	16
30	Wiring patterns from auditory sensory neurons to the escape and songâ€relay pathways in fruit flies. Journal of Comparative Neurology, 2020, 528, 2068-2098.	1.6	16
31	Distinct subpopulations of mechanosensory chordotonal organ neurons elicit grooming of the fruit fly antennae. ELife, 2020, 9, .	6.0	15
32	Loss of <i>Fis1</i> impairs proteostasis during skeletal muscle aging in <i>Drosophila</i>. Aging Cell, 2021, 20, e13379.	6.7	12
33	Stereotyped Combination of Hearing and Wind/Gravity-Sensing Neurons in the Johnstonâ€™s Organ of Drosophila. Frontiers in Physiology, 2019, 10, 1552.	2.8	11
34	Mechanical tracing of protein function in the Drosophila ear. Protocol Exchange, 0, , .	0.3	11
35	Softness sensing and learning in Drosophila larvae. Journal of Experimental Biology, 2019, 222, .	1.7	10
36	STEFTR: A Hybrid Versatile Method for State Estimation and Feature Extraction From the Trajectory of Animal Behavior. Frontiers in Neuroscience, 2019, 13, 626.	2.8	8

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37	A single male auditory response test to quantify auditory behavioral responses in <i>Drosophila melanogaster</i>. Journal of Neurogenetics, 2019, 33, 64-74.	1.4	6
38	Molecular and neural mechanisms regulating sexual motivation of virgin female Drosophila. Cellular and Molecular Life Sciences, 2021, 78, 4805-4819.	5.4	6
39	Auditory Transduction. Springer Handbook of Auditory Research, 2016, , 159-175.	0.7	4
40	Drosophila as a Model for Hearing and Deafness. , 2020, , 985-1004.		3
41	Assessing Experience-dependent Tuning of Song Preference in Fruit Flies (Drosophila melanogaster). Bio-protocol, 2018, 8, .	0.4	2
42	Monitoring Neural Activity with Genetically Encoded Ca2+ Indicators. , 2013, , 103-114.		1
43	Assessing Experience-dependent Tuning of Song Preference inFruit Flies (). Bio-protocol, 2018, 8, e2932.	0.4	1
44	Analysis of the <i>Drosophila</i> Gravity- and Sound-sensing Systems. Seibutsu Butsuri, 2010, 50, 282-285.	0.1	0
45	The auditory map in the fly brain. Neuroscience Research, 2011, 71, e21-e22.	1.9	0
46	Organization of projection neurons and local neurons of the primary auditory center in the fruit fly <i>Drosophila melanogaster</i>. Journal of Comparative Neurology, 2016, 524, Spc1.	1.6	0
47	Identification and analysis of the gene which selectively appears to the mushroom body of the honeybee.. Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry), 1999, 16, 266-277.	0.0	0
48	Mate Discrimination of ColocasiomyiaÂxenalocasiae and C. alocasiae (Diptera: Drosophilidae) as a Possible Factor Contributing to their Co-Existence on the Same Host Plant. Journal of Insect Behavior, 0, , .	0.7	0