Teiichi Tanimura

List of Publications by Year
in descending order

69	3,153	172457	161849
papers	citations	29 h-index	54 g-index

71	71	71	2665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide Transcriptional Orchestration of Circadian Rhythms inDrosophila. Journal of Biological Chemistry, 2002, 277, 14048-14052.	3.4	236
2	Peripheral coding of bitter taste inDrosophila. Journal of Neurobiology, 2003, 56, 139-152.	3.6	197
3	A functional genomics strategy reveals clockwork orange as a transcriptional regulator in the Drosophila circadian clock. Genes and Development, 2007, 21, 1687-1700.	5.9	150
4	Differentiated Response to Sugars among Labellar Chemosensilla in Drosophila. Zoological Science, 2002, 19, 1009-1018.	0.7	145
5	Molecular clearance of ataxin-3 is regulated by a mammalian E4. EMBO Journal, 2004, 23, 659-669.	7.8	145
6	Drosophila Evaluates and Learns the Nutritional Value of Sugars. Current Biology, 2011, 21, 751-755.	3.9	137
7	Two antagonistic gustatory receptor neurons responding to sweet-salty and bitter taste inDrosophila. Journal of Neurobiology, 2004, 61, 333-342.	3.6	135
8	Genetic dimorphism in the taste sensitivity to trehalose inDrosophila melanogaster. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1982, 147, 433-437.	1.6	132
9	An Inhibitory Sex Pheromone Tastes Bitter for Drosophila Males. PLoS ONE, 2007, 2, e661.	2.5	125
10	Temperature cycles driveDrosophilacircadian oscillation in constant light that otherwise induces behavioural arrhythmicity. European Journal of Neuroscience, 2005, 22, 1176-1184.	2.6	107
11	Drosophila cryb mutation reveals two circadian clocks that drive locomotor rhythm and have different responsiveness to light. Journal of Insect Physiology, 2004, 50, 479-488.	2.0	96
12	Taste preference for amino acids is dependent on internal nutritional state inDrosophila melanogaster. Journal of Experimental Biology, 2012, 215, 2827-2832.	1.7	75
13	The Function of argos in Regulating Cell Fate Decisions during Drosophila Eye and Wing Vein Development. Developmental Biology, 1994, 164, 267-276.	2.0	73
14	DCRY is aDrosophilaphotoreceptor protein implicated in light entrainment of circadian rhythm. Genes To Cells, 1999, 4, 57-65.	1.2	73
15	Cellular identification of water gustatory receptor neurons and their central projection pattern in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1094-1099.	7.1	66
16	tim^{rit} Lengthens Circadian Period in a Temperature-Dependent Manner through Suppression of PERIOD Protein Cycling and Nuclear Localization. Molecular and Cellular Biology, 1999, 19, 4343-4354.	2.3	64
17	An endoderm-specific GATA factor gene, dGATAe, is required for the terminal differentiation of the Drosophila endoderm. Developmental Biology, 2005, 278, 576-586.	2.0	56
18	Distribution of biogenic amines in the cricket central nervous system. Analytical Biochemistry, 1988, 171, 33-40.	2.4	54

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19	Suppressor of Hairless, the Drosophila homologue of RBP-J.KAPPA., transactivates the neurogenic gene E(spl)m8.. Japanese Journal of Genetics, 1995, 70, 505-524.	1.0	54
20	Molecular Identification of a Taste Receptor Gene for Trehalose in Drosophila. Science, 2000, 289, 116-119.	12.6	51
21	Regulation of Drosophila neural development by a putative secreted protein. Differentiation, 1992, 52, 1-11.	1.9	48
22	Learning the specific quality of taste reinforcement in larval Drosophila. ELife, 2015, 4, .	6.0	48
23	The Ol1mpiad: concordance of behavioural faculties of stage 1 and stage 3Drosophilalarvae. Journal of Experimental Biology, 2017, 220, 2452-2475.	1.7	48
24	G-protein gamma subunit 1 is required for sugar reception in Drosophila. EMBO Journal, 2005, 24, 3259-3265.	7.8	42
25	Multiple receptor proteins for sweet taste inDrosophila discriminated by papain treatment. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1981, 141, 265-269.	1.6	38
26	Chronobiological Analysis of a New Clock Mutant,Toki, inDrosophila Melanogaster. Journal of Neurogenetics, 1994, 9, 141-155.	1.4	38
27	Novel tissue units of regional differentiation in the gut epithelium of Drosopbila, as revealed by P-element-mediated detection of enhancer. Roux's Archives of Developmental Biology, 1994, 203, 243-249.	1.2	35
28	Simultaneous determination of biogenic amines, their precursors and metabolites in a single brain of the cricket using high-performance liquid chromatography with amperometric detection. Biomedical Applications, 1989, 496, 39-53.	1.7	34
29	Suppression of Conditioned Odor Approach by Feeding Is Independent of Taste and Nutritional Value in Drosophila. Current Biology, 2013, 23, 507-514.	3.9	33
30	Purification and Partial Characterization of Three Forms of Î±-Glucosidase from the Fruit Fly Drosophila melanogaster. Journal of Biochemistry, 1979, 85, 123-130.	1.7	31
31	TheDrosophilaSecreted Protein Argos Regulates Signal Transduction in the Ras/MAPK Pathway. Developmental Biology, 1996, 178, 13-22.	2.0	31
32	Pharyngeal stimulation with sugar triggers local searching behavior in Drosophila. Journal of Experimental Biology, 2017, 220, 3231-3237.	1.7	31
33	3â€Hâ€YDROXYRETINAL AS A CHROMOPHORE OF Drosophila melanogaster VISUAL PIGMENT ANALYZED BY HIGHâ€PRESSURE LIQUID CHROMATOGRAPHY. Photochemistry and Photobiology, 1986, 43, 225-228.	2.5	28
34	Identification of a Novel Gene, Anorexia, Regulating Feeding Activity via Insulin Signaling in Drosophila melanogaster. Journal of Biological Chemistry, 2011, 286, 38417-38426.	3.4	28
35	Pavlovian Conditioning of Larval Drosophila: An Illustrated, Multilingual, Hands-On Manual for Odor-Taste Associative Learning in Maggots. Frontiers in Behavioral Neuroscience, 2017, 11, 45.	2.0	28
36	Membrane-bound transporter controls the circadian transcription of clock genes in Drosophila. Genes To Cells, 2011, 16, 1159-1167.	1.2	27

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37	Gustatory Sensing Mechanism Coding for Multiple Oviposition Stimulants in the Swallowtail Butterfly,Papilio Xuthus. Journal of Neuroscience, 2013, 33, 914-924.	3.6	25
38	Hedonic Taste in Drosophila Revealed by Olfactory Receptors Expressed in Taste Neurons. PLoS ONE, 2008, 3, e2610.	2.5	24
39	Preference for and learning of amino acids in larvalDrosophila. Biology Open, 2017, 6, 365-369.	1.2	24
40	Expression and Functional Analyses of the Dxpa Gene, the Drosophila Homolog of the Human Excision Repair Gene XPA. Journal of Biological Chemistry, 1995, 270, 22452-22459.	3.4	23
41	Sugar Intake Elicits Intelligent Searching Behavior in Flies and Honey Bees. Frontiers in Behavioral Neuroscience, 2018, 12, 280.	2.0	21
42	A conserved odorant binding protein is required for essential amino acid detection in Drosophila. Communications Biology, 2019, 2, 425.	4.4	21
43	Effects of overexpression of mitochondrial transcription factor A on lifespan and oxidative stress response in Drosophila melanogaster. Biochemical and Biophysical Research Communications, 2013, 430, 717-721.	2.1	20
44	Development of PDF-immunoreactive cells, possible clock neurons, in the houseflyMusca domestica. Microscopy Research and Technique, 2003, 62, 103-113.	2.2	19
45	PeriodGene ofBactrocera cucurbitae(Diptera: Tephritidae) Among Strains with Different Mating Times and Sterile Insect Technique. Annals of the Entomological Society of America, 2008, 101, 1121-1130.	2.5	19
46	Octopamine and Tyramine Contribute Separately to the Counter-Regulatory Response to Sugar Deficit in Drosophila. Frontiers in Systems Neuroscience, 2017, 11, 100.	2.5	19
47	Water loss through the integument in the desiccation-sensitive mutant, Parched, of Drosophila melanogaster. Journal of Insect Physiology, 1985, 31, 573-580.	2.0	18
48	Genetic variation in food choice behaviour of amino acid-deprived Drosophila. Journal of Insect Physiology, 2014, 69, 89-94.	2.0	16
49	Mated Drosophila melanogaster females consume more amino acids during the dark phase. PLoS ONE, 2017, 12, e0172886.	2.5	16
50	Muscle degeneration in the posteclosional development of a Drosophila mutant, abnormal proboscis extension reflex C (aperC). Developmental Biology, 1986, 117, 194-203.	2.0	15
51	Neurohormonal control of the mating interval in the male cricket, Gryllus bimaculatus DeGeer. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1991, 168, 159.	1.6	11
52	argos is required for projection of photoreceptor axons during optic lobe development in Drosophila. Developmental Dynamics, 1996, 205, 162-171.	1.8	11
53	A gene involved in the food preferences of larval Drosophila melanogaster. Journal of Insect Physiology, 2008, 54, 1440-1445.	2.0	11
54	Ultradian rhythm unmasked in the Pdf clock mutant of Drosophila. Journal of Biosciences, 2014, 39, 585-594.	1.1	10

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55	Softness sensing and learning in Drosophila larvae. Journal of Experimental Biology, 2019, 222, .	1.7	10
56	C-Terminal Binding Protein (CtBP) Activates the Expression of E-Box Clock Genes with CLOCK/CYCLE in Drosophila. PLoS ONE, 2013, 8, e63113.	2.5	10
57	Mutants with Delayed Cell Death of the Ptilinal Head Muscles inDrosophila. Journal of Neurogenetics, 1992, 8, 57-69.	1.4	9
58	Cell ablation by ectopic expression of cell death genes, ced-3 and Ice, in Drosophila. Development Growth and Differentiation, 1997, 39, 429-436.	1.5	9
59	Function of desiccate in gustatory sensilla of drosophila melanogaster. Scientific Reports, 2015, 5, 17195.	3.3	8
60	Genetic Variation in Taste Sensitivity to Sugars in Drosophila melanogaster. Chemical Senses, 2017, 42, 287-294.	2.0	7
61	Genetic approaches to the taste receptor mechanisms. Chemical Senses, 1987, 12, 285-294.	2.0	6
62	Targeted expression of ced-3 and Ice induces programmed cell death in Drosophila. Cell Death and Differentiation, 1997, 4, 371-377.	11.2	6
63	Analysis of Hunger-Driven Gene Expression in the Drosophila melanogaster Larval Central Nervous System. Zoological Science, 2008, 25, 746-752.	0.7	6
64	Deciphering the Genes for Taste Receptors for Fructose in Drosophila. Molecules and Cells, 2017, 40, 731-736.	2.6	5
65	Suppression of inherited muscle degeneration in a Drosophila mutant by mechanical and genetical immobilizations. Journal of Neurogenetics, 1987, 4, 21-28.	1.4	3
66	Enhancer-trap detection of expression patterns corresponding to the polar coordinate system in the imaginal discs of Drosophila melanogaster. Roux's Archives of Developmental Biology, 1995, 204, 378-391.	1.2	3
67	bHLH-ORANGE family genes regulate the expression of E-box clock genes in Drosophila. Applied Entomology and Zoology, 2011, 46, 391-397.	1.2	3
68	Neurophysiology of gustatory receptor neurones in Drosophila. SEB Experimental Biology Series, 2009, 63, 59-76.	0.1	3
69	2S10-3 Cross-modality sensing in gustatory receptor neurons of Drosophila(2S10 Olfaction, Taste and) Tj ETQq1 1 0.784314 rgBT /O	0.1	0