Hubert Amrein

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1820664/publications.pdf

Version: 2024-02-01

47 papers	6,922 citations	159585 30 h-index	233421 45 g-index
48 all docs	48 docs citations	48 times ranked	4669 citing authors

#	Article	IF	Citations
1	Or83b Encodes a Broadly Expressed Odorant Receptor Essential for Drosophila Olfaction. Neuron, 2004, 43, 703-714.	8.1	1,159
2	A Spatial Map of Olfactory Receptor Expression in the Drosophila Antenna. Cell, 1999, 96, 725-736.	28.9	1,104
3	A Fructose Receptor Functions as a Nutrient Sensor in the Drosophila Brain. Cell, 2012, 151, 1113-1125.	28.9	363
4	Taste Perception and Coding in Drosophila. Current Biology, 2004, 14, 1065-1079.	3.9	348
5	Spatially restricted expression of candidate taste receptors in the Drosophila gustatory system. Current Biology, 2001, 11, 822-835.	3.9	319
6	A Putative Drosophila Pheromone Receptor Expressed in Male-Specific Taste Neurons Is Required for Efficient Courtship. Neuron, 2003, 39, 1019-1029.	8.1	262
7	The sex-determining gene tra-2 of Drosophila encodes a putative RNA binding protein. Cell, 1988, 55, 1025-1035.	28.9	254
8	From The Cover: Drosophila as a model for the identification of genes causing adult human heart disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1394-1399.	7.1	226
9	Genes Expressed in Neurons of Adult Male Drosophila. Cell, 1997, 88, 459-469.	28.9	222
10	Drosophila Sugar Receptors in Sweet Taste Perception, Olfaction, and Internal Nutrient Sensing. Current Biology, 2015, 25, 621-627.	3.9	205
11	Sugar Receptors in Drosophila. Current Biology, 2007, 17, 1809-1816.	3.9	198
12	Hierarchical chemosensory regulation of male-male social interactions in Drosophila. Nature Neuroscience, 2011, 14, 757-762.	14.8	195
13	The role of specific protein-RNA and protein-protein interactions in positive and negative control of pre-mRNA splicing by Transformer 2. Cell, 1994, 76, 735-746.	28.9	191
14	Suppression of male courtship by a Drosophila pheromone receptor. Nature Neuroscience, 2008, 11, 874-876.	14.8	170
15	Gustatory Perception and Behavior in Drosophila melanogaster. Current Biology, 2005, 15, R673-R684.	3.9	142
16	An amino acid sequence motif sufficient for subnuclear localization of an arginine/serine-rich splicing factor.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 11524-11528.	7.1	138
17	Nocturnal Male Sex Drive in Drosophila. Current Biology, 2007, 17, 244-251.	3.9	131
18	Genetic Control Of Sex Determination In Drosophila. Advances in Genetics, 1990, 27, 189-237.	1.8	122

#	Article	IF	Citations
19	Ionotropic Receptors Mediate Drosophila Oviposition Preference through Sour Gustatory Receptor Neurons. Current Biology, 2017, 27, 2741-2750.e4.	3.9	119
20	Atypical expression of Drosophila gustatory receptor genes in sensory and central neurons. Journal of Comparative Neurology, 2008, 506, 548-568.	1.6	118
21	Genes expressed in the Drosophila head reveal a role for fat cells in sex-specific physiology. EMBO Journal, 2002, 21, 5353-5363.	7.8	114
22	Molecular basis of fatty acid taste in Drosophila. ELife, 2017, 6, .	6.0	92
23	Diverse roles for theDrosophilafructose sensor Gr43a. Fly, 2014, 8, 19-25.	1.7	85
24	The Molecular Basis of Sugar Sensing in Drosophila Larvae. Current Biology, 2013, 23, 1466-1471.	3.9	78
25	Taste and pheromone perception in the fruit fly Drosophila melanogaster. Pflugers Archiv European Journal of Physiology, 2007, 454, 735-747.	2.8	71
26	Identification of a Drosophila Glucose Receptor Using Ca2+ Imaging of Single Chemosensory Neurons. PLoS ONE, 2013, 8, e56304.	2.5	61
27	Pheromone perception and behavior in. Current Opinion in Neurobiology, 2004, 14, 435-442.	4.2	50
28	Taste and pheromone perception in mammals and flies. Genome Biology, 2003, 4, 220.	9.6	42
29	Ventral lateral and DN1 clock neurons mediate distinct properties of male sex drive rhythm in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10590-10595.	7.1	42
30	Bitter-Sweet Solution in Taste Transduction. Cell, 2003, 112, 283-284.	28.9	38
31	A genetic tool kit for cellular and behavioral analyses of insect sugar receptors. Fly, 2014, 8, 189-196.	1.7	34
32	Gluconeogenesis: An ancient biochemical pathway with a new twist. Fly, 2017, 11, 218-223.	1.7	32
33	Nutrient sensors. Current Biology, 2013, 23, R369-R373.	3.9	27
34	A Male-Specific Fatty Acid Ï‰-Hydroxylase, SXE1, Is Necessary for Efficient Male Mating in Drosophila melanogaster. Genetics, 2008, 180, 179-190.	2.9	24
35	Enhancing Perception of Contaminated Food through Acid-Mediated Modulation of Taste Neuron Responses. Current Biology, 2014, 24, 1969-1977.	3.9	23
36	The taste of ribonucleosides: Novel macronutrients essential for larval growth are sensed by Drosophila gustatory receptor proteins. PLoS Biology, 2018, 16, e2005570.	5.6	23

#	Article	IF	Citations
37	SIK3â€“HDAC4 signaling regulates Drosophila circadian male sex drive rhythm via modulating the DN1 clock neurons. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6669-E6677.	7.1	23
38	Neuronal Gluconeogenesis Regulates Systemic Glucose Homeostasis in Drosophila melanogaster. Current Biology, 2019, 29, 1263-1272.e5.	3.9	19
39	Function and Expression of the Drosophila Gr Genes in the Perception of Sweet, Bitter and Pheromone Compounds. Chemical Senses, 2005, 30, i270-i272.	2.0	17
40	Multiple RNA-protein interactions in Drosophila dosage compensation. Genome Biology, 2000, 1, reviews1030.1.	9.6	9
41	Taste Perception: How to Make a Gourmet Mouse. Current Biology, 2004, 14, R118-R120.	3.9	9
42	Mechanism of Taste Perception in Drosophila. , 2016, , 245-269.		9
43	Vomeronasal Organ: Pheromone Recognition with a Twist. Current Biology, 2003, 13, R220-R222.	3.9	6
44	An expression system for Gustatory receptorsâ€”and why it failed. Fly, 2014, 8, 232-233.	1.7	2
45	Taste perception: how to make a gourmet mouse. Current Biology, 2004, 14, R118-20.	3.9	2
46	Enhancing Perception of Contaminated Food through Acid-Mediated Modulation of Taste Neuron Responses. Current Biology, 2014, 24, 2071.	3.9	1
47	Neuronal Gluconeogenesis Regulate Systemic Glucose Homeostasis. SSRN Electronic Journal, 0, , .	0.4	1