

Hubert Amrein

List of Publications by Year in descending order

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47
papers

6,922
citations

159358

30
h-index

233125

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. <i>Neuron</i> , 2004, 43, 703-714.	3.8	1,159
2	A Spatial Map of Olfactory Receptor Expression in the Drosophila Antenna. <i>Cell</i> , 1999, 96, 725-736.	13.5	1,104
3	A Fructose Receptor Functions as a Nutrient Sensor in the Drosophila Brain. <i>Cell</i> , 2012, 151, 1113-1125.	13.5	363
4	Taste Perception and Coding in Drosophila. <i>Current Biology</i> , 2004, 14, 1065-1079.	1.8	348
5	Spatially restricted expression of candidate taste receptors in the Drosophila gustatory system. <i>Current Biology</i> , 2001, 11, 822-835.	1.8	319
6	A Putative Drosophila Pheromone Receptor Expressed in Male-Specific Taste Neurons Is Required for Efficient Courtship. <i>Neuron</i> , 2003, 39, 1019-1029.	3.8	262
7	The sex-determining gene tra-2 of Drosophila encodes a putative RNA binding protein. <i>Cell</i> , 1988, 55, 1025-1035.	13.5	254
8	From The Cover: Drosophila as a model for the identification of genes causing adult human heart disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1394-1399.	3.3	226
9	Genes Expressed in Neurons of Adult Male Drosophila. <i>Cell</i> , 1997, 88, 459-469.	13.5	222
10	Drosophila Sugar Receptors in Sweet Taste Perception, Olfaction, and Internal Nutrient Sensing. <i>Current Biology</i> , 2015, 25, 621-627.	1.8	205
11	Sugar Receptors in Drosophila. <i>Current Biology</i> , 2007, 17, 1809-1816.	1.8	198
12	Hierarchical chemosensory regulation of male-male social interactions in Drosophila. <i>Nature Neuroscience</i> , 2011, 14, 757-762.	7.1	195
13	The role of specific protein-RNA and protein-protein interactions in positive and negative control of pre-mRNA splicing by Transformer 2. <i>Cell</i> , 1994, 76, 735-746.	13.5	191
14	Suppression of male courtship by a Drosophila pheromone receptor. <i>Nature Neuroscience</i> , 2008, 11, 874-876.	7.1	170
15	Gustatory Perception and Behavior in Drosophila melanogaster. <i>Current Biology</i> , 2005, 15, R673-R684.	1.8	142
16	An amino acid sequence motif sufficient for subnuclear localization of an arginine/serine-rich splicing factor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11524-11528.	3.3	138
17	Nocturnal Male Sex Drive in Drosophila. <i>Current Biology</i> , 2007, 17, 244-251.	1.8	131
18	Genetic Control Of Sex Determination In Drosophila. <i>Advances in Genetics</i> , 1990, 27, 189-237.	0.8	122

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19	Ionotropic Receptors Mediate <i>Drosophila</i> Oviposition Preference through Sour Gustatory Receptor Neurons. <i>Current Biology</i> , 2017, 27, 2741-2750.e4.	1.8	119
20	Atypical expression of <i>Drosophila</i> gustatory receptor genes in sensory and central neurons. <i>Journal of Comparative Neurology</i> , 2008, 506, 548-568.	0.9	118
21	Genes expressed in the <i>Drosophila</i> head reveal a role for fat cells in sex-specific physiology. <i>EMBO Journal</i> , 2002, 21, 5353-5363.	3.5	114
22	Molecular basis of fatty acid taste in <i>Drosophila</i> . <i>ELife</i> , 2017, 6, .	2.8	92
23	Diverse roles for the <i>Drosophila</i> fructose sensor Gr43a. <i>Fly</i> , 2014, 8, 19-25.	0.9	85
24	The Molecular Basis of Sugar Sensing in <i>Drosophila</i> Larvae. <i>Current Biology</i> , 2013, 23, 1466-1471.	1.8	78
25	Taste and pheromone perception in the fruit fly <i>Drosophila melanogaster</i> . <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 454, 735-747.	1.3	71
26	Identification of a <i>Drosophila</i> Glucose Receptor Using Ca ²⁺ Imaging of Single Chemosensory Neurons. <i>PLoS ONE</i> , 2013, 8, e56304.	1.1	61
27	Pheromone perception and behavior in. <i>Current Opinion in Neurobiology</i> , 2004, 14, 435-442.	2.0	50
28	Taste and pheromone perception in mammals and flies. <i>Genome Biology</i> , 2003, 4, 220.	13.9	42
29	Ventral lateral and DN1 clock neurons mediate distinct properties of male sex drive rhythm in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10590-10595.	3.3	42
30	Bitter-Sweet Solution in Taste Transduction. <i>Cell</i> , 2003, 112, 283-284.	13.5	38
31	A genetic tool kit for cellular and behavioral analyses of insect sugar receptors. <i>Fly</i> , 2014, 8, 189-196.	0.9	34
32	Gluconeogenesis: An ancient biochemical pathway with a new twist. <i>Fly</i> , 2017, 11, 218-223.	0.9	32
33	Nutrient sensors. <i>Current Biology</i> , 2013, 23, R369-R373.	1.8	27
34	A Male-Specific Fatty Acid β -Hydroxylase, SXE1, Is Necessary for Efficient Male Mating in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2008, 180, 179-190.	1.2	24
35	Enhancing Perception of Contaminated Food through Acid-Mediated Modulation of Taste Neuron Responses. <i>Current Biology</i> , 2014, 24, 1969-1977.	1.8	23
36	The taste of ribonucleosides: Novel macronutrients essential for larval growth are sensed by <i>Drosophila</i> gustatory receptor proteins. <i>PLoS Biology</i> , 2018, 16, e2005570.	2.6	23

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37	SIK3â€“HDAC4 signaling regulates <i>Drosophila</i> 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.	3.3	23
38	Neuronal Gluconeogenesis Regulates Systemic Glucose Homeostasis in <i>Drosophila melanogaster</i> . Current Biology, 2019, 29, 1263-1272.e5.	1.8	19
39	Function and Expression of the <i>Drosophila</i> Gr Genes in the Perception of Sweet, Bitter and Pheromone Compounds. Chemical Senses, 2005, 30, i270-i272.	1.1	17
40	Multiple RNA-protein interactions in <i>Drosophila</i> dosage compensation. Genome Biology, 2000, 1, reviews1030.1.	13.9	9
41	Taste Perception: How to Make a Gourmet Mouse. Current Biology, 2004, 14, R118-R120.	1.8	9
42	Mechanism of Taste Perception in <i>Drosophila</i> . , 2016, , 245-269.		9
43	Vomer nasal Organ: Pheromone Recognition with a Twist. Current Biology, 2003, 13, R220-R222.	1.8	6
44	An expression system for Gustatory receptorsâ€”and why it failed. Fly, 2014, 8, 232-233.	0.9	2
45	Taste perception: how to make a gourmet mouse. Current Biology, 2004, 14, R118-20.	1.8	2
46	Enhancing Perception of Contaminated Food through Acid-Mediated Modulation of Taste Neuron Responses. Current Biology, 2014, 24, 2071.	1.8	1
47	Neuronal Gluconeogenesis Regulate Systemic Glucose Homeostasis. SSRN Electronic Journal, 0, , .	0.4	1