Jean-Christophe Billeter

List of Publications by Year
in descending order

34	2,332	279798	377865
papers	citations	23 h-index	34 g-index

37	37	37	1801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Specialized cells tag sexual and species identity in Drosophila melanogaster. Nature, 2009, 461, 987-991.	27.8	350
2	Social Experience Modifies Pheromone Expression and Mating Behavior in Male Drosophila melanogaster. Current Biology, 2008, 18, 1373-1383.	3.9	226
3	Hierarchical chemosensory regulation of male-male social interactions in Drosophila. Nature Neuroscience, 2011, 14, 757-762.	14.8	195
4	The Sex-Determination Genes fruitless and doublesex Specify a Neural Substrate Required for Courtship Song. Current Biology, 2007, 17, 1473-1478.	3.9	146
5	Control of Male Sexual Behavior in Drosophila by the Sex Determination Pathway. Current Biology, 2006, 16, R766-R776.	3.9	143
6	Isoform-Specific Control of Male Neuronal Differentiation and Behavior in Drosophila by the fruitless Gene. Current Biology, 2006, 16, 1063-1076.	3.9	110
7	The nutritional and hedonic value of food modulate sexual receptivity in Drosophila melanogaster females. Scientific Reports, 2016, 6, 19441.	3.3	96
8	Pheromonal and Behavioral Cues Trigger Male-to-Female Aggression in Drosophila. PLoS Biology, 2010, 8, e1000541.	5.6	90
9	Drosophila melanogaster females change mating behaviour and offspring production based on social context. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2417-2425.	2.6	79
10	Pigment-Dispersing Factor Modulates Pheromone Production in Clock Cells that Influence Mating in Drosophila. Neuron, 2013, 79, 54-68.	8.1	73
11	Drosophila melanogaster females restore their attractiveness after mating by removing male anti-aphrodisiac pheromones. Nature Communications, 2016, 7, 12322.	12.8	72
12	Drosophila melanogaster males increase the number of sperm in their ejaculate when perceiving rival males. Journal of Insect Physiology, 2013, 59, 306-310.	2.0	71
13	Chemical Cues that Guide Female Reproduction in Drosophila melanogaster. Journal of Chemical Ecology, 2018, 44, 750-769.	1.8	69
14	Functional Conservation of the fruitless Male Sex-Determination Gene Across 250 Myr of Insect Evolution. Molecular Biology and Evolution, 2006, 23, 633-643.	8.9	68
15	Characterization ofDrosophila fruitless-gal4 transgenes reveals expression in male-specificfruitless neurons and innervation of male reproductive structures. Journal of Comparative Neurology, 2004, 475, 270-287.	1.6	63
16	Pheromonal Cues Deposited by Mated Females Convey Social Information about Egg-Laying Sites in Drosophila Melanogaster. Journal of Chemical Ecology, 2016, 42, 259-269.	1.8	59
17	Neurogenetics of Female Reproductive Behaviors in Drosophila melanogaster. Advances in Genetics, 2014, 85, 1-108.	1.8	57
18	The fruitless Gene Is Required for the Proper Formation of Axonal Tracts in the Embryonic Central Nervous System of Drosophila. Genetics, 2002, 162, 1703-1724.	2.9	56

#	Article	IF	Citations
19	Who is he and what is he to you? Recognition in Drosophila melanogaster. Current Opinion in Neurobiology, 2013, 23, 17-23.	4.2	45
20	A sex-specific switch between visual and olfactory inputs underlies adaptive sex differences in behavior. Current Biology, 2021, 31, 1175-1191.e6.	3.9	38
21	Genetic Control of Courtship Behavior in the Housefly: Evidence for a Conserved Bifurcation of the Sex-Determining Pathway. PLoS ONE, 2013, 8, e62476.	2.5	32
22	The role of cVA and the Odorant binding protein Lush in social and sexual behavior in Drosophila melanogaster. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	31
23	Genes Mediating Sex-Specific Behaviors in Drosophila. Advances in Genetics, 2002, 47, 87-117e.	1.8	29
24	Last male sperm precedence is modulated by female remating rate inDrosophila melanogaster. Evolution Letters, 2018, 2, 180-189.	3.3	29
25	Making sense of intralocus and interlocus sexual conflict. Ecology and Evolution, 2018, 8, 13035-13050.	1.9	29
26	Identification of a micropeptide and multiple secondary cell genes that modulate Drosophila male reproductive success. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
27	Mating increases Drosophila melanogaster femalesâ€™ choosiness by reducing olfactory sensitivity to a male pheromone. Nature Ecology and Evolution, 2021, 5, 1165-1173.	7.8	19
28	Thermosensory perception regulates speed of movement in response to temperature changes in Drosophila melanogaster. Journal of Experimental Biology, 2018, 221, .	1.7	15
29	Seven Questions on the Chemical Ecology and Neurogenetics of Resource-Mediated Speciation. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	5
30	Neurogenetics: Sex and the Female Brain. Current Biology, 2014, 24, R812-R814.	3.9	4
31	An Automated Method to Determine the Performance of Drosophila in Response to Temperature Changes in Space and Time. Journal of Visualized Experiments, 2018, , .	0.3	3
32	A Method to Test the Effect of Environmental Cues on Mating Behavior in Drosophila melanogaster. Journal of Visualized Experiments, 2017, , .	0.3	2
33	Bioassaying the Function of Pheromones in Drosophila melanogasterâ€™s Social Behavior. Neuromethods, 2022, , 123-156.	0.3	1
34	Lack of alignment across yeastâ€dependent lifeâ€history traits may limit Drosophila melanogaster dietary specialization. Journal of Evolutionary Biology, 2022, 35, 1060-1071.	1.7	1