Christopher J Potter

List of Publications by Year
in descending order

48 papers	5,296 citations	147801 31 h-index	243625 44 g-index
60 all docs	60 docs citations	60 times ranked	5503 citing authors

#	Article	IF	Citations
1	Odorant-receptor-mediated regulation of chemosensory gene expression in the malaria mosquito Anopheles gambiae. Cell Reports, 2022, 38, 110494.	6.4	12
2	Chemoreceptor co-expression in Drosophila melanogaster olfactory neurons. ELife, 2022, 11, .	6.0	57
3	Olfaction inAnophelesmosquitoes. Chemical Senses, 2021, 46, .	2.0	26
4	The number of neurons in Drosophila and mosquito brains. PLoS ONE, 2021, 16, e0250381.	2.5	68
5	The irritant receptor TRPA1 mediates the mosquito repellent effect of catnip. Current Biology, 2021, 31, 1988-1994.e5.	3.9	33
6	Unlocking pan-neuronal expression in mosquitoes. Cell Reports Methods, 2021, 1, 100051.	2.9	1
7	Rapid degeneration of olfactory neurons in mutant maxillary palps. MicroPublication Biology, 2021, 2021, .	0.1	2
8	Base Editing of Somatic Cells Using CRISPRâ€“Cas9 in Drosophila. CRISPR Journal, 2021, , .	2.9	6
9	Insect repellents mediate species-specific olfactory behaviours in mosquitoes. Malaria Journal, 2020, 19, 127.	2.3	39
10	Commonly Used Insect Repellents Hide Human Odors from Anopheles Mosquitoes. Current Biology, 2019, 29, 3669-3680.e5.	3.9	63
11	Diet Drugs Trick Mosquitoes into Feeling Full. Trends in Pharmacological Sciences, 2019, 40, 449-451.	8.7	0
12	Olfaction: Mosquitoes Love Your Acid Odors. Current Biology, 2019, 29, R282-R284.	3.9	5
13	A Genetic Toolkit for Dissecting Dopamine Circuit Function in Drosophila. Cell Reports, 2018, 23, 652-665.	6.4	65
14	A GAL80 Collection To Inhibit GAL4 Transgenes in Drosophila Olfactory Sensory Neurons. G3: Genes, Genomes, Genetics, 2018, 8, 3661-3668.	1.8	4
15	Shining a Light on Olfactory Circuits. Neuron, 2018, 98, 1061-1063.	8.1	0
16	Olfactory Neurons and Brain Centers Directing Oviposition Decisions in Drosophila. Cell Reports, 2018, 24, 1667-1678.	6.4	48
17	Non-Mendelian Dominant Maternal Effects Caused by CRISPR/Cas9 Transgenic Components inDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2016, 6, 3685-3691.	1.8	31
18	The Q-System: A Versatile Expression System for Drosophila. Methods in Molecular Biology, 2016, 1478, 53-78.	0.9	45

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19	Organization of olfactory centres in the malaria mosquito Anopheles gambiae. Nature Communications, 2016, 7, 13010.	12.8	127
20	Olfactory Behaviors Assayed by Computer Tracking Of Drosophila in a Four-quadrant Olfactometer. Journal of Visualized Experiments, 2016, , .	0.3	0
21	Editing Transgenic DNA Components by Inducible Gene Replacement in Drosophila melanogaster. Genetics, 2016, 203, 1613-1628.	2.9	91
22	Improved and expanded Q-system reagents for genetic manipulations. Nature Methods, 2015, 12, 219-222.	19.0	159
23	Plug-and-Play Genetic Access to Drosophila Cell Types using Exchangeable Exon Cassettes. Cell Reports, 2015, 10, 1410-1421.	6.4	298
24	A transcriptional reporter of intracellular Ca2+ in Drosophila. Nature Neuroscience, 2015, 18, 917-925.	14.8	75
25	Re-Classification of Drosophila melanogaster Trichoid and Intermediate Sensilla Using Fluorescence-Guided Single Sensillum Recording. PLoS ONE, 2015, 10, e0139675.	2.5	54
26	Food odors trigger Drosophila males to deposit a pheromone that guides aggregation and female oviposition decisions. ELife, 2015, 4, .	6.0	103
27	Farnesol-Detecting Olfactory Neurons inDrosophila. Journal of Neuroscience, 2014, 34, 3959-3968.	3.6	107
28	Stop the Biting: Targeting a Mosquitoâ€™s Sense of Smell. Cell, 2014, 156, 878-881.	28.9	53
29	Adoption of the Q transcriptional regulatory system for zebrafish transgenesis. Methods, 2014, 66, 433-440.	3.8	54
30	GABAergic Projection Neurons Route Selective Olfactory Inputs to Specific Higher-Order Neurons. Neuron, 2013, 79, 917-931.	8.1	111
31	Specific Kinematics and Motor-Related Neurons for Aversive Chemotaxis in Drosophila. Current Biology, 2013, 23, 1163-1172.	3.9	28
32	Controlling gene expression with the Q repressible binary expression system in Caenorhabditis elegans. Nature Methods, 2012, 9, 391-395.	19.0	103
33	Using the Q system in Drosophila melanogaster. Nature Protocols, 2011, 6, 1105-1120.	12.0	55
34	Secreted Semaphorins from Degenerating Larval ORN Axons Direct Adult Projection Neuron Dendrite Targeting. Neuron, 2011, 72, 734-747.	8.1	64
35	A versatile in vivo system for directed dissection of gene expression patterns. Nature Methods, 2011, 8, 231-237.	19.0	193
36	The Q System: A Repressible Binary System for Transgene Expression, Lineage Tracing, and Mosaic Analysis. Cell, 2010, 141, 536-548.	28.9	531

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37	Splinkerette PCR for Mapping Transposable Elements in Drosophila. PLoS ONE, 2010, 5, e10168.	2.5	118
38	Leucine-rich repeat transmembrane proteins instruct discrete dendrite targeting in an olfactory map. Nature Neuroscience, 2009, 12, 1542-1550.	14.8	103
39	Octopamine fuels fighting flies. Nature Neuroscience, 2008, 11, 989-990.	14.8	5
40	MicroRNA Processing Pathway Regulates Olfactory Neuron Morphogenesis. Current Biology, 2008, 18, 1754-1759.	3.9	67
41	Comprehensive Maps of Drosophila Higher Olfactory Centers: Spatially Segregated Fruit and Pheromone Representation. Cell, 2007, 128, 1187-1203.	28.9	605
42	Food for thought: a receptor finds its ligand. Nature Neuroscience, 2003, 6, 1119-1120.	14.8	4
43	The tuberous sclerosis complex (TSC) pathway and mechanism of size control. Biochemical Society Transactions, 2003, 31, 584-586.	3.4	43
44	Akt regulates growth by directly phosphorylating Tsc2. Nature Cell Biology, 2002, 4, 658-665.	10.3	869
45	Mechanisms of size control. Current Opinion in Genetics and Development, 2001, 11, 279-286.	3.3	139
46	Drosophila Tsc1 Functions with Tsc2 to Antagonize Insulin Signaling in Regulating Cell Growth, Cell Proliferation, and Organ Size. Cell, 2001, 105, 357-368.	28.9	495
47	Drosophila as a Genetic Model System for Understanding Human Biology and Disease. Lung Biology in Health and Disease, 2001, , 1-20.	0.1	0
48	Drosophila in cancer research. Trends in Genetics, 2000, 16, 33-39.	6.7	100