

# Christopher J Potter

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Akt regulates growth by directly phosphorylating Tsc2. <i>Nature Cell Biology</i> , 2002, 4, 658-665.	10.3	869
2	Comprehensive Maps of <i>Drosophila</i> Higher Olfactory Centers: Spatially Segregated Fruit and Pheromone Representation. <i>Cell</i> , 2007, 128, 1187-1203.	28.9	605
3	The Q System: A Repressible Binary System for Transgene Expression, Lineage Tracing, and Mosaic Analysis. <i>Cell</i> , 2010, 141, 536-548.	28.9	531
4	<i>Drosophila</i> Tsc1 Functions with Tsc2 to Antagonize Insulin Signaling in Regulating Cell Growth, Cell Proliferation, and Organ Size. <i>Cell</i> , 2001, 105, 357-368.	28.9	495
5	Plug-and-Play Genetic Access to <i>Drosophila</i> Cell Types using Exchangeable Exon Cassettes. <i>Cell Reports</i> , 2015, 10, 1410-1421.	6.4	298
6	A versatile in vivo system for directed dissection of gene expression patterns. <i>Nature Methods</i> , 2011, 8, 231-237.	19.0	193
7	Improved and expanded Q-system reagents for genetic manipulations. <i>Nature Methods</i> , 2015, 12, 219-222.	19.0	159
8	Mechanisms of size control. <i>Current Opinion in Genetics and Development</i> , 2001, 11, 279-286.	3.3	139
9	Organization of olfactory centres in the malaria mosquito <i>Anopheles gambiae</i> . <i>Nature Communications</i> , 2016, 7, 13010.	12.8	127
10	Splinkerette PCR for Mapping Transposable Elements in <i>Drosophila</i> . <i>PLoS ONE</i> , 2010, 5, e10168.	2.5	118
11	GABAergic Projection Neurons Route Selective Olfactory Inputs to Specific Higher-Order Neurons. <i>Neuron</i> , 2013, 79, 917-931.	8.1	111
12	Farnesol-Detecting Olfactory Neurons in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2014, 34, 3959-3968.	3.6	107
13	Leucine-rich repeat transmembrane proteins instruct discrete dendrite targeting in an olfactory map. <i>Nature Neuroscience</i> , 2009, 12, 1542-1550.	14.8	103
14	Controlling gene expression with the Q repressible binary expression system in <i>Caenorhabditis elegans</i> . <i>Nature Methods</i> , 2012, 9, 391-395.	19.0	103
15	Food odors trigger <i>Drosophila</i> males to deposit a pheromone that guides aggregation and female oviposition decisions. <i>eLife</i> , 2015, 4, .	6.0	103
16	<i>Drosophila</i> in cancer research. <i>Trends in Genetics</i> , 2000, 16, 33-39.	6.7	100
17	Editing Transgenic DNA Components by Inducible Gene Replacement in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2016, 203, 1613-1628.	2.9	91
18	A transcriptional reporter of intracellular Ca <sup>2+</sup> in <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2015, 18, 917-925.	14.8	75

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19	The number of neurons in <i>Drosophila</i> and mosquito brains. <i>PLoS ONE</i> , 2021, 16, e0250381.	2.5	68
20	MicroRNA Processing Pathway Regulates Olfactory Neuron Morphogenesis. <i>Current Biology</i> , 2008, 18, 1754-1759.	3.9	67
21	A Genetic Toolkit for Dissecting Dopamine Circuit Function in <i>Drosophila</i> . <i>Cell Reports</i> , 2018, 23, 652-665.	6.4	65
22	Secreted Semaphorins from Degenerating Larval ORN Axons Direct Adult Projection Neuron Dendrite Targeting. <i>Neuron</i> , 2011, 72, 734-747.	8.1	64
23	Commonly Used Insect Repellents Hide Human Odors from <i>Anopheles</i> Mosquitoes. <i>Current Biology</i> , 2019, 29, 3669-3680.e5.	3.9	63
24	Chemoreceptor co-expression in <i>Drosophila melanogaster</i> olfactory neurons. <i>ELife</i> , 2022, 11, .	6.0	57
25	Using the Q system in <i>Drosophila melanogaster</i> . <i>Nature Protocols</i> , 2011, 6, 1105-1120.	12.0	55
26	Adoption of the Q transcriptional regulatory system for zebrafish transgenesis. <i>Methods</i> , 2014, 66, 433-440.	3.8	54
27	Re-Classification of <i>Drosophila melanogaster</i> Trichoid and Intermediate Sensilla Using Fluorescence-Guided Single Sensillum Recording. <i>PLoS ONE</i> , 2015, 10, e0139675.	2.5	54
28	Stop the Biting: Targeting a Mosquito's Sense of Smell. <i>Cell</i> , 2014, 156, 878-881.	28.9	53
29	Olfactory Neurons and Brain Centers Directing Oviposition Decisions in <i>Drosophila</i> . <i>Cell Reports</i> , 2018, 24, 1667-1678.	6.4	48
30	The Q-System: A Versatile Expression System for <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2016, 1478, 53-78.	0.9	45
31	The tuberous sclerosis complex (TSC) pathway and mechanism of size control. <i>Biochemical Society Transactions</i> , 2003, 31, 584-586.	3.4	43
32	Insect repellents mediate species-specific olfactory behaviours in mosquitoes. <i>Malaria Journal</i> , 2020, 19, 127.	2.3	39
33	The irritant receptor TRPA1 mediates the mosquito repellent effect of catnip. <i>Current Biology</i> , 2021, 31, 1988-1994.e5.	3.9	33
34	Non-Mendelian Dominant Maternal Effects Caused by CRISPR/Cas9 Transgenic Components in <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3685-3691.	1.8	31
35	Specific Kinematics and Motor-Related Neurons for Aversive Chemotaxis in <i>Drosophila</i> . <i>Current Biology</i> , 2013, 23, 1163-1172.	3.9	28
36	Olfaction in <i>Anopheles</i> mosquitoes. <i>Chemical Senses</i> , 2021, 46, .	2.0	26

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37	Odorant-receptor-mediated regulation of chemosensory gene expression in the malaria mosquito <i>Anopheles gambiae</i> . <i>Cell Reports</i> , 2022, 38, 110494.	6.4	12
38	Base Editing of Somatic Cells Using CRISPR-Cas9 in <i>Drosophila</i> . <i>CRISPR Journal</i> , 2021, , .	2.9	6
39	Octopamine fuels fighting flies. <i>Nature Neuroscience</i> , 2008, 11, 989-990.	14.8	5
40	Olfaction: Mosquitoes Love Your Acid Odors. <i>Current Biology</i> , 2019, 29, R282-R284.	3.9	5
41	Food for thought: a receptor finds its ligand. <i>Nature Neuroscience</i> , 2003, 6, 1119-1120.	14.8	4
42	A GAL80 Collection To Inhibit GAL4 Transgenes in <i>Drosophila</i> Olfactory Sensory Neurons. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3661-3668.	1.8	4
43	Rapid degeneration of olfactory neurons in mutant maxillary palps. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	2
44	Unlocking pan-neuronal expression in mosquitoes. <i>Cell Reports Methods</i> , 2021, 1, 100051.	2.9	1
45	Olfactory Behaviors Assayed by Computer Tracking Of <i>Drosophila</i> in a Four-quadrant Olfactometer. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	0
46	Shining a Light on Olfactory Circuits. <i>Neuron</i> , 2018, 98, 1061-1063.	8.1	0
47	Diet Drugs Trick Mosquitoes into Feeling Full. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 449-451.	8.7	0
48	<i>Drosophila</i> as a Genetic Model System for Understanding Human Biology and Disease. <i>Lung Biology in Health and Disease</i> , 2001, , 1-20.	0.1	0