

Glenn C Turner

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,719
citations

346980

22
h-index

591227

27
g-index

36
all docs

36
docs citations

36
times ranked

4386
citing authors

#	ARTICLE	IF	CITATIONS
1	Idiosyncratic learning performance in flies. <i>Biology Letters</i> , 2022, 18, 20210424.	1.0	12
2	Idiosyncratic neural coding and neuromodulation of olfactory individuality in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23292-23297.	3.3	55
3	A general approach to engineer positive-going eFRET voltage indicators. <i>Nature Communications</i> , 2020, 11, 3444.	5.8	31
4	The <i>Drosophila</i> Mushroom Body: From Architecture to Algorithm in a Learning Circuit. <i>Annual Review of Neuroscience</i> , 2020, 43, 465-484.	5.0	124
5	Bright and photostable chemigenetic indicators for extended in vivo voltage imaging. <i>Science</i> , 2019, 365, 699-704.	6.0	362
6	A connectome of a learning and memory center in the adult <i>Drosophila</i> brain. <i>ELife</i> , 2017, 6, .	2.8	308
7	Direct neural pathways convey distinct visual information to <i>Drosophila</i> mushroom bodies. <i>ELife</i> , 2016, 5, .	2.8	119
8	Heterosynaptic Plasticity Underlies Aversive Olfactory Learning in <i>Drosophila</i> . <i>Neuron</i> , 2015, 88, 985-998.	3.8	294
9	Learning: The Good, the Bad, and the Fly. <i>Neuron</i> , 2015, 86, 343-345.	3.8	4
10	Plasticity-driven individualization of olfactory coding in mushroom body output neurons. <i>Nature</i> , 2015, 526, 258-262.	13.7	142
11	Openstage: A Low-Cost Motorized Microscope Stage with Sub-Micron Positioning Accuracy. <i>PLoS ONE</i> , 2014, 9, e88977.	1.1	44
12	Integration of the olfactory code across dendritic claws of single mushroom body neurons. <i>Nature Neuroscience</i> , 2013, 16, 1821-1829.	7.1	155
13	Imaging a Population Code for Odor Identity in the <i>Drosophila</i> Mushroom Body. <i>Journal of Neuroscience</i> , 2013, 33, 10568-10581.	1.7	120
14	Whole-Cell In Vivo Patch-Clamp Recordings in the <i>Drosophila</i> Brain. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot071704.	0.2	24
15	Dissection of the Head Cuticle and Sheath of Living Flies for Whole-Cell Patch-Clamp Recordings in the Brain. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot071696-pdb.prot071696.	0.2	9
16	Heterotypic Gap Junctions between Two Neurons in the <i>Drosophila</i> Brain Are Critical for Memory. <i>Current Biology</i> , 2011, 21, 848-854.	1.8	97
17	Cellular-Resolution Population Imaging Reveals Robust Sparse Coding in the <i>Drosophila</i> Mushroom Body. <i>Journal of Neuroscience</i> , 2011, 31, 11772-11785.	1.7	230
18	The mushroom body. <i>Current Biology</i> , 2010, 20, R11-R12.	1.8	32

#	ARTICLE	IF	CITATIONS
19	Olfactory Information Processing in <i>Drosophila</i> . <i>Current Biology</i> , 2009, 19, R700-R713.	1.8	263
20	Amino Acids Induce Peptide Uptake via Accelerated Degradation of CUP9, the Transcriptional Repressor of the PTR2 Peptide Transporter. <i>Journal of Biological Chemistry</i> , 2008, 283, 28958-28968.	1.6	40
21	Olfactory Representations by <i>Drosophila</i> Mushroom Body Neurons. <i>Journal of Neurophysiology</i> , 2008, 99, 734-746.	0.9	357
22	Transformation of Olfactory Representations in the <i>Drosophila</i> Antennal Lobe. <i>Science</i> , 2004, 303, 366-370.	6.0	497
23	Oscillations and Sparsening of Odor Representations in the Mushroom Body. <i>Science</i> , 2002, 297, 359-365.	6.0	712
24	Peptides accelerate their uptake by activating a ubiquitin-dependent proteolytic pathway. <i>Nature</i> , 2000, 405, 579-583.	13.7	187
25	The Ubiquitin System and the N-End Rule Pathway. <i>Biological Chemistry</i> , 2000, 381, 779-89.	1.2	63
26	Detecting and Measuring Cotranslational Protein Degradation in Vivo. <i>Science</i> , 2000, 289, 2117-2120.	6.0	238
27	The N-end rule pathway controls the import of peptides through degradation of a transcriptional repressor. <i>EMBO Journal</i> , 1998, 17, 269-277.	3.5	117