Chi-Hon Lee

List of Publications by Year
in descending order

21	1,479	686830 13	794141 19
papers	citations	h-index	g-index

23	23	23	1279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Neural Substrate of Spectral Preference in Drosophila. Neuron, 2008, 60, 328-342.	3.8	274
2	Dissection of the Peripheral Motion Channel in the Visual System of Drosophila melanogaster. Neuron, 2007, 56, 155-170.	3.8	243
3	Dynamic labelling of neural connections in multiple colours by trans-synaptic fluorescence complementation. Nature Communications, 2015, 6, 10024.	5.8	183
4	Candidate Neural Substrates for Off-Edge Motion Detection in Drosophila. Current Biology, 2014, 24, 1062-1070.	1.8	111
5	Multiple Spectral Inputs Improve Motion Discrimination in the Drosophila Visual System. Science, 2012, 336, 925-931.	6.0	107
6	A Hard-Wired Glutamatergic Circuit Pools and Relays UV Signals to Mediate Spectral Preference in Drosophila. Neuron, 2014, 81, 603-615.	3.8	106
7	Cholinergic Circuits Integrate Neighboring Visual Signals in a Drosophila Motion Detection Pathway. Current Biology, 2011, 21, 2077-2084.	1.8	98
8	Tiling of R7 Axons in the Drosophila Visual System Is Mediated Both by Transduction of an Activin Signal to the Nucleus and by Mutual Repulsion. Neuron, 2007, 56, 793-806.	3.8	84
9	Photoreceptor-Derived Activin Promotes Dendritic Termination and Restricts the Receptive Fields of First-Order Interneurons in Drosophila. Neuron, 2014, 81, 830-846.	3.8	68
10	Mapping chromatic pathways in the Drosophila visual system. Journal of Comparative Neurology, 2016, 524, 213-227.	0.9	51
11	Birth order dependent growth cone segregation determines synaptic layer identity in the Drosophila visual system. ELife, 2016, 5, e13715.	2.8	41
12	Novel Functional Properties of Drosophila CNS Glutamate Receptors. Neuron, 2016, 92, 1036-1048.	3.8	38
13	Antagonistic regulation by insulin-like peptide and activin ensures the elaboration of appropriate dendritic field sizes of amacrine neurons. ELife, 2020, 9, .	2.8	18
14	Neural mechanism of spatio-chromatic opponency in the Drosophila amacrine neurons. Current Biology, 2021, 31, 3040-3052.e9.	1.8	16
15	Neto-Î± Controls Synapse Organization and Homeostasis at the Drosophila Neuromuscular Junction. Cell Reports, 2020, 32, 107866.	2.9	8
16	Extrinsic Factors Regulating Dendritic Patterning. Frontiers in Cellular Neuroscience, 2020, 14, 622808.	1.8	8
17	Binocular mirrorâ€“symmetric microsaccadic sampling enables Drosophila hyperacute 3D vision. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2109717119.	3.3	8
18	Wiring dendrites in layers and columns. Journal of Neurogenetics, 2016, 30, 69-79.	0.6	7

#	Article	IF	Citations
19	Two-photon scanned light sheet fluorescence microscopy with axicon imaging for fast volumetric imaging. Journal of Biomedical Optics, 2021, 26, .	1.4	6
20	Mapping chromatic pathways in the Drosophila visual system. Journal of Comparative Neurology, 2016, 524, Spc1-Spc1.	0.9	0
21	Neurogenetics of connectomes: from fly to fish. Journal of Neurogenetics, 2016, 30, 51-53.	0.6	0