

Chi-Hon Lee

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,479
citations

686830

13
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

1279
citing authors

#	ARTICLE	IF	CITATIONS
1	Binocular mirror-symmetric microsaccadic sampling enables <i>Drosophila</i> hyperacute 3D vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2109717119.	3.3	8
2	Neural mechanism of spatio-chromatic opponency in the <i>Drosophila</i> amacrine neurons. <i>Current Biology</i> , 2021, 31, 3040-3052.e9.	1.8	16
3	Two-photon scanned light sheet fluorescence microscopy with axicon imaging for fast volumetric imaging. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	6
4	Neto-1 Controls Synapse Organization and Homeostasis at the <i>Drosophila</i> Neuromuscular Junction. <i>Cell Reports</i> , 2020, 32, 107866.	2.9	8
5	Extrinsic Factors Regulating Dendritic Patterning. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 622808.	1.8	8
6	Antagonistic regulation by insulin-like peptide and activin ensures the elaboration of appropriate dendritic field sizes of amacrine neurons. <i>ELife</i> , 2020, 9, .	2.8	18
7	Mapping chromatic pathways in the <i>Drosophila</i> visual system. <i>Journal of Comparative Neurology</i> , 2016, 524, Spc1-Spc1.	0.9	0
8	Novel Functional Properties of <i>Drosophila</i> CNS Glutamate Receptors. <i>Neuron</i> , 2016, 92, 1036-1048.	3.8	38
9	Mapping chromatic pathways in the <i>Drosophila</i> visual system. <i>Journal of Comparative Neurology</i> , 2016, 524, 213-227.	0.9	51
10	Wiring dendrites in layers and columns. <i>Journal of Neurogenetics</i> , 2016, 30, 69-79.	0.6	7
11	Neurogenetics of connectomes: from fly to fish. <i>Journal of Neurogenetics</i> , 2016, 30, 51-53.	0.6	0
12	Birth order dependent growth cone segregation determines synaptic layer identity in the <i>Drosophila</i> visual system. <i>ELife</i> , 2016, 5, e13715.	2.8	41
13	Dynamic labelling of neural connections in multiple colours by trans-synaptic fluorescence complementation. <i>Nature Communications</i> , 2015, 6, 10024.	5.8	183
14	Candidate Neural Substrates for Off-Edge Motion Detection in <i>Drosophila</i> . <i>Current Biology</i> , 2014, 24, 1062-1070.	1.8	111
15	Photoreceptor-Derived Activin Promotes Dendritic Termination and Restricts the Receptive Fields of First-Order Interneurons in <i>Drosophila</i> . <i>Neuron</i> , 2014, 81, 830-846.	3.8	68
16	A Hard-Wired Glutamatergic Circuit Pools and Relays UV Signals to Mediate Spectral Preference in <i>Drosophila</i> . <i>Neuron</i> , 2014, 81, 603-615.	3.8	106
17	Multiple Spectral Inputs Improve Motion Discrimination in the <i>Drosophila</i> Visual System. <i>Science</i> , 2012, 336, 925-931.	6.0	107
18	Cholinergic Circuits Integrate Neighboring Visual Signals in a <i>Drosophila</i> Motion Detection Pathway. <i>Current Biology</i> , 2011, 21, 2077-2084.	1.8	98

#	ARTICLE	IF	CITATIONS
19	The Neural Substrate of Spectral Preference in <i>Drosophila</i> . <i>Neuron</i> , 2008, 60, 328-342.	3.8	274
20	Dissection of the Peripheral Motion Channel in the Visual System of <i>Drosophila melanogaster</i> . <i>Neuron</i> , 2007, 56, 155-170.	3.8	243
21	Tiling of R7 Axons in the <i>Drosophila</i> Visual System Is Mediated Both by Transduction of an Activin Signal to the Nucleus and by Mutual Repulsion. <i>Neuron</i> , 2007, 56, 793-806.	3.8	84