

Shin-ya Takemura

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,926
citations

394421

19
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

2825
citing authors

#	ARTICLE	IF	CITATIONS
1	A visual motion detection circuit suggested by <i>Drosophila</i> connectomics. <i>Nature</i> , 2013, 500, 175-181.	27.8	631
2	A connectome and analysis of the adult <i>Drosophila</i> central brain. <i>ELife</i> , 2020, 9, .	6.0	596
3	A connectome of a learning and memory center in the adult <i>Drosophila</i> brain. <i>ELife</i> , 2017, 6, .	6.0	308
4	The Neural Substrate of Spectral Preference in <i>Drosophila</i> . <i>Neuron</i> , 2008, 60, 328-342.	8.1	274
5	Synaptic circuits and their variations within different columns in the visual system of <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13711-13716.	7.1	254
6	The connectome of the adult <i>Drosophila</i> mushroom body provides insights into function. <i>ELife</i> , 2020, 9, .	6.0	231
7	Synaptic circuits of the <i>Drosophila</i> optic lobe: The input terminals to the medulla. <i>Journal of Comparative Neurology</i> , 2008, 509, 493-513.	1.6	195
8	Ig Superfamily Ligand and Receptor Pairs Expressed in Synaptic Partners in <i>Drosophila</i> . <i>Cell</i> , 2015, 163, 1756-1769.	28.9	184
9	Wiring Economy and Volume Exclusion Determine Neuronal Placement in the <i>Drosophila</i> Brain. <i>Current Biology</i> , 2011, 21, 2000-2005.	3.9	179
10	A connectome of the <i>Drosophila</i> central complex reveals network motifs suitable for flexible navigation and context-dependent action selection. <i>ELife</i> , 2021, 10, .	6.0	168
11	The comprehensive connectome of a neural substrate for ON^{TM} motion detection in <i>Drosophila</i> . <i>ELife</i> , 2017, 6, .	6.0	166
12	Large-Scale Automated Histology in the Pursuit of Connectomes. <i>Journal of Neuroscience</i> , 2011, 31, 16125-16138.	3.6	151
13	Cholinergic Circuits Integrate Neighboring Visual Signals in a <i>Drosophila</i> Motion Detection Pathway. <i>Current Biology</i> , 2011, 21, 2077-2084.	3.9	98
14	An open-access volume electron microscopy atlas of whole cells and tissues. <i>Nature</i> , 2021, 599, 147-151.	27.8	80
15	Interactions between Dpr11 and DIP- $\hat{3}$ control selection of amacrine neurons in <i>Drosophila</i> color vision circuits. <i>ELife</i> , 2019, 8, .	6.0	46
16	Ommatidial type-specific interphotoreceptor connections in the lamina of the swallowtail butterfly, <i>Papilio xuthus</i> . <i>Journal of Comparative Neurology</i> , 2006, 494, 663-672.	1.6	40
17	Photoreceptor projection reveals heterogeneity of lamina cartridges in the visual system of the Japanese yellow swallowtail butterfly, <i>Papilio xuthus</i> . <i>Journal of Comparative Neurology</i> , 2005, 483, 341-350.	1.6	34
18	From Form to Function: the Ways to Know a Neuron. <i>Journal of Neurogenetics</i> , 2009, 23, 68-77.	1.4	34

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19	Comparative Study on Nocturnal Behavior of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . Journal of Medical Entomology, 2005, 42, 312-318.	1.8	22
20	A common evolutionary origin for the ON- and OFF-edge motion detection pathways of the <i>Drosophila</i> visual system. Frontiers in Neural Circuits, 2015, 9, 33.	2.8	21
21	Absence of eye shine and tapetum in the heterogeneous eye of <i>Anthocharis</i> butterflies (Pieridae). Journal of Experimental Biology, 2007, 210, 3075-3081.	1.7	14
22	Connectome of the fly visual circuitry. Microscopy (Oxford, England), 2015, 64, 37-44.	1.5	14
23	Rhabdom evolution in butterflies: insights from the uniquely tiered and heterogeneous ommatidia of the Glacial Apollo butterfly, <i>Parnassius glacialis</i> . Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3482-3490.	2.6	12
24	Wiring Economy and Volume Exclusion Determine Neuronal Placement in the <i>Drosophila</i> Brain. Current Biology, 2012, 22, 172.	3.9	1