

# Hungâ€™Hsiang Yu

## List of Publications by Year in descending order

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33  
papers

2,124  
citations

430874

18  
h-index

477307

29  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2189  
citing authors

#	ARTICLE	IF	CITATIONS
1	MICALs, a Family of Conserved Flavoprotein Oxidoreductases, Function in Plexin-Mediated Axonal Repulsion. <i>Cell</i> , 2002, 109, 887-900.	28.9	331
2	Drosophila Sensory Neurons Require Dscam for Dendritic Self-Avoidance and Proper Dendritic Field Organization. <i>Neuron</i> , 2007, 54, 403-416.	8.1	254
3	The Transmembrane Semaphorin Sema I Is Required in Drosophila for Embryonic Motor and CNS Axon Guidance. <i>Neuron</i> , 1998, 20, 207-220.	8.1	163
4	Clonal Development and Organization of the Adult Drosophila Central Brain. <i>Current Biology</i> , 2013, 23, 633-643.	3.9	161
5	Twin-spot MARCM to reveal the developmental origin and identity of neurons. <i>Nature Neuroscience</i> , 2009, 12, 947-953.	14.8	149
6	A Complete Developmental Sequence of a Drosophila Neuronal Lineage as Revealed by Twin-Spot MARCM. <i>PLoS Biology</i> , 2010, 8, e1000461.	5.6	140
7	Semaphorin signaling guides cranial neural crest cell migration in zebrafish. <i>Developmental Biology</i> , 2005, 280, 373-385.	2.0	127
8	Identification of a Domain on the $\beta$ -Subunit of the Rod cGMP-gated Cation Channel That Mediates Inhibition by Calcium-Calmodulin. <i>Journal of Biological Chemistry</i> , 1998, 273, 9148-9157.	3.4	99
9	Semaphorin Signaling. <i>Neuron</i> , 1999, 22, 11-14.	8.1	90
10	Semaphorin-1a Acts in Concert With the Cell Adhesion Molecules Fasciclin II and Connectin to Regulate Axon Fasciculation in Drosophila. <i>Genetics</i> , 2000, 156, 723-731.	2.9	71
11	The Drosophila Receptor Guanylyl Cyclase Gyc76C Is Required for Semaphorin-1a-Plexin A-Mediated Axonal Repulsion. <i>Journal of Neuroscience</i> , 2004, 24, 6639-6649.	3.6	67
12	Lineage Analysis of Drosophila Lateral Antennal Lobe Neurons Reveals Notch-Dependent Binary Temporal Fate Decisions. <i>PLoS Biology</i> , 2012, 10, e1001425.	5.6	67
13	Diverse neuronal lineages make stereotyped contributions to the <i>Drosophila</i> locomotor control center, the central complex. <i>Journal of Comparative Neurology</i> , 2013, 521, 2645-2662.	1.6	67
14	Endodomain Diversity in the <i>Drosophila</i> Dscam and Its Roles in Neuronal Morphogenesis. <i>Journal of Neuroscience</i> , 2009, 29, 1904-1914.	3.6	55
15	Specific Drosophila Dscam Juxtamembrane Variants Control Dendritic Elaboration and Axonal Arborization. <i>Journal of Neuroscience</i> , 2007, 27, 6723-6728.	3.6	51
16	Neuropilin asymmetry mediates a left-right difference in habenular connectivity. <i>Development (Cambridge)</i> , 2007, 134, 857-865.	2.5	50
17	Cloning and embryonic expression of zebrafish neuropilin genes. <i>Gene Expression Patterns</i> , 2004, 4, 371-378.	0.8	49
18	Hierarchical Deployment of Factors Regulating Temporal Fate in a Diverse Neuronal Lineage of the Drosophila Central Brain. <i>Neuron</i> , 2012, 73, 677-684.	8.1	44

#	ARTICLE	IF	CITATIONS
19	Neuronal temporal identity in post-embryonic Drosophila brain. Trends in Neurosciences, 2007, 30, 520-526.	8.6	21
20	A programmable sequence of reporters for lineage analysis. Nature Neuroscience, 2020, 23, 1618-1628.	14.8	18
21	Drosophila microRNA-34 Impairs Axon Pruning of Mushroom Body $\hat{1}^3$ Neurons by Downregulating the Expression of Ecdysone Receptor. Scientific Reports, 2016, 6, 39141.	3.3	17
22	Extrinsic Factors Regulating Dendritic Patterning. Frontiers in Cellular Neuroscience, 2020, 14, 622808.	3.7	8
23	Semaphorin-1a prevents Drosophila olfactory projection neuron dendrites from mis-targeting into select antennal lobe regions. PLoS Genetics, 2017, 13, e1006751.	3.5	8
24	Morphogenetic Studies of the Drosophila DA1 Ventral Olfactory Projection Neuron. PLoS ONE, 2016, 11, e0155384.	2.5	4
25	Hormone-controlled changes in the differentiation state of post-mitotic neurons. Current Biology, 2022, , .	3.9	4
26	Diverse neuronal lineages make stereotyped contributions to the Drosophila locomotor control center, the central complex. Journal of Comparative Neurology, 2013, 521, Spc1-Spc1.	1.6	3
27	Visualization of Endogenous Type I TGF- $\hat{1}^2$ Receptor Baboon in the Drosophila Brain. Scientific Reports, 2020, 10, 5132.	3.3	2
28	Overview of MARCM-Related Technologies in Drosophila Neurobiological Research. Current Protocols in Neuroscience, 2020, 91, e90.	2.6	2
29	Cell Lineage Analyses and Gene Function Studies Using Twin-spot MARCM. Journal of Visualized Experiments, 2017, , .	0.3	1
30	FOXO regulates cell fate specification of Drosophila ventral olfactory projection neurons. Journal of Neurogenetics, 2019, 33, 33-40.	1.4	1
31	65-kDa Synaptic Vesicle Protein. , 2008, , 1-1.		0
32	Drosophila septin interacting protein 1 regulates neurogenesis in the early developing larval brain. Scientific Reports, 2022, 12, 292.	3.3	0
33	Down Syndrome Cell Adhesion Molecule. , 2008, , 1000-1006.		0