Tzumin Lee

List of Publications by Year
in descending order

49 papers	7,930 citations	147566 31 h-index	197535 49 g-index
67 all docs	67 docs citations	67 times ranked	6235 citing authors

#	Article	IF	Citations
1	Hormone-controlled changes in the differentiation state of post-mitotic neurons. Current Biology, 2022, , .	1.8	4
2	The art of lineage tracing: From worm to human. Progress in Neurobiology, 2021, 199, 101966.	2.8	9
3	YAP1 nuclear efflux and transcriptional reprograming follow membrane diminution upon VSV-G-induced cell fusion. Nature Communications, 2021, 12, 4502.	5.8	5
4	A programmable sequence of reporters for lineage analysis. Nature Neuroscience, 2020, 23, 1618-1628.	7.1	18
5	Neuronal upregulation of Prospero protein is driven by alternative mRNA polyadenylation and Syncrip-mediated mRNA stabilisation. Biology Open, 2020, 9, .	0.6	14
6	Enhanced Golic+: Highly effective CRISPR gene targeting and transgene HACKing in Drosophila. Development (Cambridge), 2020, 147, .	1.2	6
7	CAMIO: a transgenic CRISPR pipeline to create diverse targeted genome deletions in Drosophila. Nucleic Acids Research, 2020, 48, 4344-4356.	6.5	3
8	Conservation and divergence of related neuronal lineages in the Drosophila central brain. ELife, 2020, 9, .	2.8	29
9	Unlimited Genetic Switches for Cell-Type-Specific Manipulation. Neuron, 2019, 104, 227-238.e7.	3.8	29
10	High-throughput dense reconstruction of cell lineages. Open Biology, 2019, 9, 190229.	1.5	21
11	Temporal control of Drosophila central nervous system development. Current Opinion in Neurobiology, 2019, 56, 24-32.	2.0	47
12	Neurotransmitter identity is acquired in a lineage-restricted manner in the Drosophila CNS. ELife, 2019, 8, .	2.8	78
13	Mamo decodes hierarchical temporal gradients into terminal neuronal fate. ELife, 2019, 8, .	2.8	23
14	Lineage-guided Notch-dependent gliogenesis byDrosophilamulti-potent progenitors. Development (Cambridge), 2018, 145, .	1.2	21
15	Wiring the Drosophila Brain with Individually Tailored Neural Lineages. Current Biology, 2017, 27, R77-R82.	1.8	21
16	Stem Cell-Intrinsic, Seven-up-Triggered Temporal Factor Gradients Diversify Intermediate Neural Progenitors. Current Biology, 2017, 27, 1303-1313.	1.8	81
17	Imp and Syp RNA-binding proteins govern decommissioning ofDrosophilaneural stem cells. Development (Cambridge), 2017, 144, 3454-3464.	1.2	62
18	Dissection of the Drosophila neuropeptide F circuit using a high-throughput two-choice assay. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8091-E8099.	3.3	55

#	Article	IF	Citations
19	Cell Class-Lineage Analysis Reveals Sexually Dimorphic Lineage Compositions in the Drosophila Brain. Current Biology, 2016, 26, 2583-2593.	1.8	67
20	Transcriptomes of lineage-specific Drosophila neuroblasts profiled via genetic targeting and robotic sorting. Development (Cambridge), 2015, 143, 411-21.	1.2	49
21	An Enhanced Gene Targeting Toolkit forDrosophila: Golic+. Genetics, 2015, 199, 683-694.	1.2	28
22	Opposing intrinsic temporal gradients guide neural stem cell production of varied neuronal fates. Science, 2015, 350, 317-320.	6.0	130
23	Optimized CRISPR/Cas tools for efficient germline and somatic genome engineering in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2967-76.	3.3	947
24	Generating mosaics for lineage analysis in flies. Wiley Interdisciplinary Reviews: Developmental Biology, 2014, 3, 69-81.	5.9	20
25	Drosophila intermediate neural progenitors produce lineage-dependent related series of diverse neurons. Development (Cambridge), 2014, 141, 253-258.	1.2	52
26	Sparse, decorrelated odor coding in the mushroom body enhances learned odor discrimination. Nature Neuroscience, 2014, 17, 559-568.	7.1	268
27	Making Drosophila lineageâ€“restricted drivers via patterned recombination in neuroblasts. Nature Neuroscience, 2014, 17, 631-637.	7.1	57
28	Diverse neuronal lineages make stereotyped contributions to the Drosophila locomotor control center, the central complex. Journal of Comparative Neurology, 2013, 521, 2645-2662.	0.9	67
29	Diverse neuronal lineages make stereotyped contributions to the Drosophila locomotor control center, the central complex. Journal of Comparative Neurology, 2013, 521, Spc1-Spc1.	0.9	3
30	Extremes of Lineage Plasticity in the Drosophila Brain. Current Biology, 2013, 23, 1908-1913.	1.8	43
31	Clonal Development and Organization of the Adult Drosophila Central Brain. Current Biology, 2013, 23, 633-643.	1.8	161
32	Lineage Analysis of Drosophila Lateral Antennal Lobe Neurons Reveals Notch-Dependent Binary Temporal Fate Decisions. PLoS Biology, 2012, 10, e1001425.	2.6	67
33	Hierarchical Deployment of Factors Regulating Temporal Fate in a Diverse Neuronal Lineage of the Drosophila Central Brain. Neuron, 2012, 73, 677-684.	3.8	44
34	The bHLH Repressor Deadpan Regulates the Self-renewal and Specification of Drosophila Larval Neural Stem Cells Independently of Notch. PLoS ONE, 2012, 7, e46724.	1.1	44
35	Generating neuronal diversity in the Drosophila central nervous system. Developmental Dynamics, 2012, 241, 57-68.	0.8	45
36	Birth time/order-dependent neuron type specification. Current Opinion in Neurobiology, 2010, 20, 14-21.	2.0	32

#	Article	IF	Citations
37	Lineage-specific effects of Notch/Numb signaling in post-embryonic development of the Drosophila brain. Development (Cambridge), 2010, 137, 43-51.	1.2	62
38	A Complete Developmental Sequence of a Drosophila Neuronal Lineage as Revealed by Twin-Spot MARCM. PLoS Biology, 2010, 8, e1000461.	2.6	140
39	Nuclear Receptor Unfulfilled Regulates Axonal Guidance and Cell Identity of Drosophila Mushroom Body Neurons. PLoS ONE, 2009, 4, e8392.	1.1	43
40	New genetic tools for cell lineage analysis in Drosophila. Nature Methods, 2009, 6, 566-568.	9.0	11
41	Twin-spot MARCM to reveal the developmental origin and identity of neurons. Nature Neuroscience, 2009, 12, 947-953.	7.1	149
42	Clonal analysis ofDrosophilaantennal lobe neurons: diverse neuronal architectures in the lateral neuroblast lineage. Development (Cambridge), 2008, 135, 2883-2893.	1.2	182
43	Organization and Postembryonic Development of Glial Cells in the Adult Central Brain ofDrosophila. Journal of Neuroscience, 2008, 28, 13742-13753.	1.7	280
44	Gradients of the Drosophila Chinmo BTB-Zinc Finger Protein Govern Neuronal Temporal Identity. Cell, 2006, 127, 409-422.	13.5	213
45	Genetic mosaic with dual binary transcriptional systems in Drosophila. Nature Neuroscience, 2006, 9, 703-709.	7.1	478
46	TGF-Î² Signaling Activates Steroid Hormone Receptor Expression during Neuronal Remodeling in the Drosophila Brain. Cell, 2003, 112, 303-315.	13.5	215
47	Mosaic analysis with a repressible cell marker (MARCM) for Drosophila neural development. Trends in Neurosciences, 2001, 24, 251-254.	4.2	845
48	Cell-Autonomous Requirement of the USP/EcR-B Ecdysone Receptor for Mushroom Body Neuronal Remodeling in Drosophila. Neuron, 2000, 28, 807-818.	3.8	255
49	Mosaic Analysis with a Repressible Cell Marker for Studies of Gene Function in Neuronal Morphogenesis. Neuron, 1999, 22, 451-461.	3.8	2,368