Oren Schuldiner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5913384/publications.pdf

Version: 2024-02-01

34	4,126	304743	395702
papers	citations	22 h-index	33 g-index

36	36	36	7405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HDAC6 rescues neurodegeneration and provides an essential link between autophagy and the UPS. Nature, 2007, 447, 860-864.	27.8	1,068
2	Role and Regulation of Starvation-Induced Autophagy in the Drosophila Fat Body. Developmental Cell, 2004, 7, 167-178.	7.0	877
3	Wlds Protection Distinguishes Axon Degeneration following Injury from Naturally Occurring Developmental Pruning. Neuron, 2006, 50, 883-895.	8.1	254
4	Cell-Type-Specific TEV Protease Cleavage Reveals Cohesin Functions in Drosophila Neurons. Developmental Cell, 2008, 14, 239-251.	7.0	251
5	piggyBac-Based Mosaic Screen Identifies a Postmitotic Function for Cohesin in Regulating Developmental Axon Pruning. Developmental Cell, 2008, 14, 227-238.	7.0	212
6	Glia Engulf Degenerating Axons during Developmental Axon Pruning. Current Biology, 2004, 14, 678-684.	3.9	202
7	Graded Expression of Semaphorin-1a Cell-Autonomously Directs Dendritic Targeting of Olfactory Projection Neurons. Cell, 2007, 128, 399-410.	28.9	153
8	Mechanisms of developmental neurite pruning. Cellular and Molecular Life Sciences, 2015, 72, 101-119.	5.4	137
9	Axon and dendrite pruning in Drosophila. Current Opinion in Neurobiology, 2014, 27, 192-198.	4.2	94
10	Tissue-specific (ts)CRISPR as an efficient strategy for in vivo screening in Drosophila. Nature Communications, 2019, 10, 2113.	12.8	84
11	Axon Regrowth during Development and Regeneration Following Injury Share Molecular Mechanisms. Current Biology, 2012, 22, 1774-1782.	3.9	68
12	Common and Divergent Mechanisms in Developmental Neuronal Remodeling and Dying Back Neurodegeneration. Current Biology, 2016, 26, R628-R639.	3.9	67
13	Astrocytes Play a Key Role in Drosophila Mushroom Body Axon Pruning. PLoS ONE, 2014, 9, e86178.	2.5	65
14	ECA39, a conserved gene regulated by c-Myc in mice, is involved in G1/S cell cycle regulation in yeast.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7143-7148.	7.1	61
15	Plum, an Immunoglobulin Superfamily Protein, Regulates Axon Pruning by Facilitating TGF-Î² Signaling. Neuron, 2013, 78, 456-468.	8.1	61
16	Nitric Oxide as a Switching Mechanism between Axon Degeneration and Regrowth during Developmental Remodeling. Cell, 2016, 164, 170-182.	28.9	61
17	A DNA microarray screen for genes involved in c-MYC and N-MYC oncogenesis in human tumors. Oncogene, 2001, 20, 4984-4994.	5.9	60
18	A fly's view of neuronal remodeling. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 618-635.	5.9	57

#	Article	IF	Citations
19	Combining Developmental and Perturbation-Seq Uncovers Transcriptional Modules Orchestrating Neuronal Remodeling. Developmental Cell, 2018, 47, 38-52.e6.	7.0	56
20	The PI3K Class III Complex Promotes Axon Pruning by Downregulating a Ptc-Derived Signal via Endosome-Lysosomal Degradation. Developmental Cell, 2014, 31, 461-473.	7.0	46
21	Developmental Axon Pruning Requires Destabilization of Cell Adhesion by JNK Signaling. Neuron, 2015, 88, 926-940.	8.1	37
22	Developmental Coordination during Olfactory Circuit Remodeling in Drosophila. Neuron, 2018, 99, 1204-1215.e5.	8.1	33
23	Long term ex vivo culturing of Drosophila brain as a method to live image pupal brains: insights into the cellular mechanisms of neuronal remodeling. Frontiers in Cellular Neuroscience, 2015, 9, 327.	3.7	32
24	Computer analysis of the entire budding yeast genome for putative targets of the GCN4 transcription factor. Current Genetics, 1998, 33, 16-20.	1.7	24
25	A computerized database-scan to identify c-MYC targets. Gene, 2002, 292, 91-99.	2.2	16
26	Transneuronal Dpr12/DIPâ€Î´ interactions facilitate compartmentalized dopaminergic innervation of Drosophila mushroom body axons. EMBO Journal, 2021, 40, e105763.	7.8	15
27	Developmental axon regrowth and primary neuron sprouting utilize distinct actin elongation factors. Journal of Cell Biology, 2020, 219, .	5.2	8
28	Cofilin regulates axon growth and branching of Drosophila Î³ neurons. Journal of Cell Science, 2020, 133, .	2.0	7
29	Contrasting developmental axon regrowth and neurite sprouting of Drosophila mushroom body neurons reveals shared and unique molecular mechanisms. Developmental Neurobiology, 2016, 76, 262-276.	3.0	5
30	Spatiotemporal Control of Neuronal Remodeling by Cell Adhesion Molecules: Insights From Drosophila. Frontiers in Neuroscience, 2022, 16, .	2.8	5
31	With a little help from my friends: how intercellular communication shapes neuronal remodeling. Current Opinion in Neurobiology, 2020, 63, 23-30.	4.2	4
32	Cut Your Losses: Spastin Mediates Branch-Specific Axon Loss. Neuron, 2016, 92, 677-680.	8.1	3
33	Glial Derived TGF-Î² Instructs Axon Midline Stopping. Frontiers in Molecular Neuroscience, 2019, 12, 232.	2.9	3
34	Pebbled makes ripples: A transcription factor primes glutamatergic but not cholinergic neurons for degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1140-1142.	7.1	0