

Oren Schuldiner

List of Publications by Year in descending order

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papers

4,126
citations

304743

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docs citations

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times ranked

7405
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Control of Neuronal Remodeling by Cell Adhesion Molecules: Insights From <i>Drosophila</i> . <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	5
2	Transneuronal Dpr12/DIP α interactions facilitate compartmentalized dopaminergic innervation of <i>Drosophila</i> mushroom body axons. <i>EMBO Journal</i> , 2021, 40, e105763.	7.8	15
3	Developmental axon regrowth and primary neuron sprouting utilize distinct actin elongation factors. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	8
4	With a little help from my friends: how intercellular communication shapes neuronal remodeling. <i>Current Opinion in Neurobiology</i> , 2020, 63, 23-30.	4.2	4
5	Cofilin regulates axon growth and branching of <i>Drosophila</i> neurons. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	7
6	Glial Derived TGF β Instructs Axon Midline Stopping. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 232.	2.9	3
7	Tissue-specific (ts)CRISPR as an efficient strategy for in vivo screening in <i>Drosophila</i> . <i>Nature Communications</i> , 2019, 10, 2113.	12.8	84
8	Pebbled makes ripples: A transcription factor primes glutamatergic but not cholinergic neurons for degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1140-1142.	7.1	0
9	Combining Developmental and Perturbation-Seq Uncovers Transcriptional Modules Orchestrating Neuronal Remodeling. <i>Developmental Cell</i> , 2018, 47, 38-52.e6.	7.0	56
10	Developmental Coordination during Olfactory Circuit Remodeling in <i>Drosophila</i> . <i>Neuron</i> , 2018, 99, 1204-1215.e5.	8.1	33
11	Contrasting developmental axon regrowth and neurite sprouting of <i>Drosophila</i> mushroom body neurons reveals shared and unique molecular mechanisms. <i>Developmental Neurobiology</i> , 2016, 76, 262-276.	3.0	5
12	Cut Your Losses: Spastin Mediates Branch-Specific Axon Loss. <i>Neuron</i> , 2016, 92, 677-680.	8.1	3
13	Common and Divergent Mechanisms in Developmental Neuronal Remodeling and Dying Back Neurodegeneration. <i>Current Biology</i> , 2016, 26, R628-R639.	3.9	67
14	A fly's view of neuronal remodeling. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, 618-635.	5.9	57
15	Nitric Oxide as a Switching Mechanism between Axon Degeneration and Regrowth during Developmental Remodeling. <i>Cell</i> , 2016, 164, 170-182.	28.9	61
16	Long term ex vivo culturing of <i>Drosophila</i> brain as a method to live image pupal brains: insights into the cellular mechanisms of neuronal remodeling. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 327.	3.7	32
17	Mechanisms of developmental neurite pruning. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 101-119.	5.4	137
18	Developmental Axon Pruning Requires Destabilization of Cell Adhesion by JNK Signaling. <i>Neuron</i> , 2015, 88, 926-940.	8.1	37

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19	The PI3K Class III Complex Promotes Axon Pruning by Downregulating a Ptc-Derived Signal via Endosome-Lysosomal Degradation. <i>Developmental Cell</i> , 2014, 31, 461-473.	7.0	46
20	Axon and dendrite pruning in <i>Drosophila</i> . <i>Current Opinion in Neurobiology</i> , 2014, 27, 192-198.	4.2	94
21	Astrocytes Play a Key Role in <i>Drosophila</i> Mushroom Body Axon Pruning. <i>PLoS ONE</i> , 2014, 9, e86178.	2.5	65
22	Plum, an Immunoglobulin Superfamily Protein, Regulates Axon Pruning by Facilitating TGF- β Signaling. <i>Neuron</i> , 2013, 78, 456-468.	8.1	61
23	Axon Regrowth during Development and Regeneration Following Injury Share Molecular Mechanisms. <i>Current Biology</i> , 2012, 22, 1774-1782.	3.9	68
24	piggyBac-Based Mosaic Screen Identifies a Postmitotic Function for Cohesin in Regulating Developmental Axon Pruning. <i>Developmental Cell</i> , 2008, 14, 227-238.	7.0	212
25	Cell-Type-Specific TEV Protease Cleavage Reveals Cohesin Functions in <i>Drosophila</i> Neurons. <i>Developmental Cell</i> , 2008, 14, 239-251.	7.0	251
26	Graded Expression of Semaphorin-1a Cell-Autonomously Directs Dendritic Targeting of Olfactory Projection Neurons. <i>Cell</i> , 2007, 128, 399-410.	28.9	153
27	HDAC6 rescues neurodegeneration and provides an essential link between autophagy and the UPS. <i>Nature</i> , 2007, 447, 860-864.	27.8	1,068
28	Wlds Protection Distinguishes Axon Degeneration following Injury from Naturally Occurring Developmental Pruning. <i>Neuron</i> , 2006, 50, 883-895.	8.1	254
29	Clia Engulf Degenerating Axons during Developmental Axon Pruning. <i>Current Biology</i> , 2004, 14, 678-684.	3.9	202
30	Role and Regulation of Starvation-Induced Autophagy in the <i>Drosophila</i> Fat Body. <i>Developmental Cell</i> , 2004, 7, 167-178.	7.0	877
31	A computerized database-scan to identify c-MYC targets. <i>Gene</i> , 2002, 292, 91-99.	2.2	16
32	A DNA microarray screen for genes involved in c-MYC and N-MYC oncogenesis in human tumors. <i>Oncogene</i> , 2001, 20, 4984-4994.	5.9	60
33	Computer analysis of the entire budding yeast genome for putative targets of the GCN4 transcription factor. <i>Current Genetics</i> , 1998, 33, 16-20.	1.7	24
34	ECA39, a conserved gene regulated by c-Myc in mice, is involved in G1/S cell cycle regulation in yeast.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 7143-7148.	7.1	61