

Marc Hammarlund

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,632
citations

279798

23
h-index

395702

33
g-index

45
all docs

45
docs citations

45
times ranked

2738
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Activation of the CaMKII-Sarm1-ASK1-p38 MAP kinase pathway protects against axon degeneration caused by loss of mitochondria. <i>ELife</i> , 2022, 11, . | 6.0 | 18 |
| 2 | Neurexin and frizzled intercept axonal transport at microtubule minus ends to control synapse formation. <i>Developmental Cell</i> , 2022, 57, 1802-1816.e4. | 7.0 | 9 |
| 3 | A head-to-head comparison of ribodepletion and polyA selection approaches for <i>Caenorhabditis elegans</i> low input RNA-sequencing libraries. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, . | 1.8 | 3 |
| 4 | In silico analysis of the transcriptional regulatory logic of neuronal identity specification throughout the <i>C. elegans</i> nervous system. <i>ELife</i> , 2021, 10, . | 6.0 | 16 |
| 5 | Molecular topography of an entire nervous system. <i>Cell</i> , 2021, 184, 4329-4347.e23. | 28.9 | 328 |
| 6 | rab-27 acts in an intestinal pathway to inhibit axon regeneration in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2021, 17, e1009877. | 3.5 | 8 |
| 7 | A Functional Non-coding RNA Is Produced from xbp-1 mRNA. <i>Neuron</i> , 2020, 107, 854-863.e6. | 8.1 | 10 |
| 8 | The stress-responsive gene <i>GDPGP1/mcp-1</i> regulates neuronal glycogen metabolism and survival. <i>Journal of Cell Biology</i> , 2020, 219, . | 5.2 | 11 |
| 9 | Mechanisms of injury-induced axon degeneration. <i>Current Opinion in Neurobiology</i> , 2019, 57, 171-178. | 4.2 | 29 |
| 10 | Functional Genome-wide Screen Identifies Pathways Restricting Central Nervous System Axonal Regeneration. <i>Cell Reports</i> , 2018, 23, 415-428. | 6.4 | 43 |
| 11 | β -Neurexin and Frizzled Mediate Parallel Synapse Assembly Pathways Antagonized by Receptor Endocytosis. <i>Neuron</i> , 2018, 100, 150-166.e4. | 8.1 | 57 |
| 12 | The CeNGEN Project: The Complete Gene Expression Map of an Entire Nervous System. <i>Neuron</i> , 2018, 99, 430-433. | 8.1 | 85 |
| 13 | Aberrant information transfer interferes with functional axon regeneration. <i>ELife</i> , 2018, 7, . | 6.0 | 18 |
| 14 | Axon regeneration in <i>C. elegans</i> : Worming our way to mechanisms of axon regeneration. <i>Experimental Neurology</i> , 2017, 287, 300-309. | 4.1 | 33 |
| 15 | Inhibiting poly(ADP-ribosylation) improves axon regeneration. <i>ELife</i> , 2016, 5, . | 6.0 | 38 |
| 16 | Mitochondria Localize to Injured Axons to Support Regeneration. <i>Neuron</i> , 2016, 92, 1308-1323. | 8.1 | 190 |
| 17 | Inhibition of Poly-ADP-Ribosylation Fails to Increase Axonal Regeneration or Improve Functional Recovery after Adult Mammalian CNS Injury. <i>ENeuro</i> , 2016, 3, ENEURO.0270-16.2016. | 1.9 | 22 |
| 18 | RNA ligation in neurons by RtcB inhibits axon regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8451-8456. | 7.1 | 58 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Exposure to Mitochondrial Genotoxins and Dopaminergic Neurodegeneration in <i>Caenorhabditis elegans</i> . PLoS ONE, 2014, 9, e114459. | 2.5 | 65 |
| 20 | Axon regeneration in <i>C. elegans</i> . Current Opinion in Neurobiology, 2014, 27, 199-207. | 4.2 | 49 |
| 21 | Axon Regeneration Genes Identified by RNAi Screening in <i>C. elegans</i> . Journal of Neuroscience, 2014, 34, 629-645. | 3.6 | 87 |
| 22 | Insulin/IGF1 Signaling Inhibits Age-Dependent Axon Regeneration. Neuron, 2014, 81, 561-573. | 8.1 | 144 |
| 23 | The RtcB RNA ligase is an essential component of the metazoan unfolded protein response. EMBO Reports, 2014, 15, 1278-1285. | 4.5 | 139 |
| 24 | Syndecan Promotes Axon Regeneration by Stabilizing Growth Cone Migration. Cell Reports, 2014, 8, 272-283. | 6.4 | 55 |
| 25 | A multi-channel device for high-density target-selective stimulation and long-term monitoring of cells and subcellular features in <i>C. elegans</i> . Lab on A Chip, 2014, 14, 4513-4522. | 6.0 | 56 |
| 26 | Neuron-Specific Feeding RNAi in <i>C. elegans</i> and Its Use in a Screen for Essential Genes Required for GABA Neuron Function. PLoS Genetics, 2013, 9, e1003921. | 3.5 | 57 |
| 27 | Notch Signaling Inhibits Axon Regeneration. Neuron, 2012, 73, 268-278. | 8.1 | 97 |
| 28 | In vivo&/em> Laser Axotomy in C. elegans&/em>. Journal of Visualized Experiments, 2011, , . | 0.3 | 35 |
| 29 | Axon Regeneration Requires a Conserved MAP Kinase Pathway. Science, 2009, 323, 802-806. | 12.6 | 387 |
| 30 | CAPS and syntaxin dock dense core vesicles to the plasma membrane in neurons. Journal of Cell Biology, 2008, 180, 483-491. | 5.2 | 88 |
| 31 | Open Syntaxin Docks Synaptic Vesicles. PLoS Biology, 2007, 5, e198. | 5.6 | 164 |
| 32 | Heterozygous Insertions Alter Crossover Distribution but Allow Crossover Interference in <i>Caenorhabditis elegans</i> . Genetics, 2005, 171, 1047-1056. | 2.9 | 38 |
| 33 | Mutations in β -Spectrin Disrupt Axon Outgrowth and Sarcomere Structure. Journal of Cell Biology, 2000, 149, 931-942. | 5.2 | 112 |