

Ellie S Heckscher

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

763
citations

933447

10
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of <i>Drosophila</i> Larval Crawling at the Level of Organism, Segment, and Somatic Body Wall Musculature. <i>Journal of Neuroscience</i> , 2012, 32, 12460-12471.	3.6	186
2	A Resource for Manipulating Gene Expression and Analyzing cis-Regulatory Modules in the <i>Drosophila</i> CNS. <i>Cell Reports</i> , 2012, 2, 1002-1013.	6.4	113
3	An Image-Free Opto-Mechanical System for Creating Virtual Environments and Imaging Neuronal Activity in Freely Moving <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2011, 6, e24666.	2.5	111
4	Even-Skipped+ Interneurons Are Core Components of a Sensorimotor Circuit that Maintains Left-Right Symmetric Muscle Contraction Amplitude. <i>Neuron</i> , 2015, 88, 314-329.	8.1	110
5	Direction Selectivity in <i>Drosophila</i> Proprioceptors Requires the Mechanosensory Channel Tmc. <i>Current Biology</i> , 2019, 29, 945-956.e3.	3.9	58
6	Atlas-builder software and the eNeuro atlas: resources for developmental biology and neuroscience. <i>Development (Cambridge)</i> , 2014, 141, 2524-2532.	2.5	35
7	Functional Genetic Screen to Identify Interneurons Governing Behaviorally Distinct Aspects of <i>Drosophila</i> Larval Motor Programs. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2023-2031.	1.8	29
8	Temporal Cohorts of Lineage-Related Neurons Perform Analogous Functions in Distinct Sensorimotor Circuits. <i>Current Biology</i> , 2017, 27, 1521-1528.e4.	3.9	27
9	The Hunchback temporal transcription factor establishes, but is not required to maintain, early-born neuronal identity. <i>Neural Development</i> , 2017, 12, 1.	2.4	24
10	How prolonged expression of Hunchback, a temporal transcription factor, re-wires locomotor circuits. <i>ELife</i> , 2019, 8, .	6.0	22
11	Development of motor circuits: From neuronal stem cells and neuronal diversity to motor circuit assembly. <i>Current Topics in Developmental Biology</i> , 2021, 142, 409-442.	2.2	17
12	Temporal transcription factors determine circuit membership by permanently altering motor neuron-to-muscle synaptic partnerships. <i>ELife</i> , 2020, 9, .	6.0	12
13	Using Linear Agarose Channels to Study <i>Drosophila</i> Larval Crawling Behavior. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	6
14	RNA-binding protein syncrip regulates starvation-induced hyperactivity in adult <i>Drosophila</i> . <i>PLoS Genetics</i> , 2021, 17, e1009396.	3.5	4
15	Sequential addition of neuronal stem cell temporal cohorts generates a feed-forward circuit in the <i>Drosophila</i> larval nerve cord. <i>ELife</i> , 0, 11, .	6.0	4
16	The Role of Even-Skipped in <i>Drosophila</i> Larval Somatosensory Circuit Assembly. <i>ENeuro</i> , 2022, 9, ENEURO.0403-21.2021.	1.9	1