

Hui Chiu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11977471/publications.pdf>

Version: 2024-02-01

12
papers

689
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1175
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental Decline in Neuronal Regeneration by the Progressive Change of Two Intrinsic Timers. <i>Science</i> , 2013, 340, 372-376.	12.6	147
2	Archaerhodopsin variants with enhanced voltage-sensitive fluorescence in mammalian and <i>Caenorhabditis elegans</i> neurons. <i>Nature Communications</i> , 2014, 5, 4894.	12.8	124
3	Transgene-Free Genome Editing in <i>Caenorhabditis elegans</i> Using CRISPR-Cas. <i>Genetics</i> , 2013, 195, 1167-1171.	2.9	102
4	A Circuit Node that Integrates Convergent Input from Neuromodulatory and Social Behavior-Promoting Neurons to Control Aggression in <i>Drosophila</i> . <i>Neuron</i> , 2017, 95, 1112-1128.e7.	8.1	77
5	Neurons that Function within an Integrator to Promote a Persistent Behavioral State in <i>Drosophila</i> . <i>Neuron</i> , 2020, 105, 322-333.e5.	8.1	64
6	The <i>lin-4</i> MicroRNA Targets the LIN-14 Transcription Factor to Inhibit Netrin-Mediated Axon Attraction. <i>Science Signaling</i> , 2012, 5, ra43.	3.6	38
7	The role of microRNAs in regulating neuronal connectivity. <i>Frontiers in Cellular Neuroscience</i> , 2014, 7, 283.	3.7	36
8	A circuit logic for sexually shared and dimorphic aggressive behaviors in <i>Drosophila</i> . <i>Cell</i> , 2021, 184, 507-520.e16.	28.9	35
9	Structural and Functional Characterization of the $\hat{\pm}$ -Tubulin Acetyltransferase MEC-17. <i>Journal of Molecular Biology</i> , 2014, 426, 2605-2616.	4.2	23
10	<i>C. elegans</i> as a genetic model to identify novel cellular and molecular mechanisms underlying nervous system regeneration. <i>Cell Adhesion and Migration</i> , 2011, 5, 387-394.	2.7	19
11	Engulfing cells promote neuronal regeneration and remove neuronal debris through distinct biochemical functions of CED-1. <i>Nature Communications</i> , 2018, 9, 4842.	12.8	15
12	Rejuvenating nerve cells in adults. <i>Aging</i> , 2013, 5, 485-486.	3.1	8