

Chung-Hui Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8194682/publications.pdf>

Version: 2024-02-01

18
papers

1,216
citations

687363

13
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1413
citing authors

#	ARTICLE	IF	CITATIONS
1	A functional division of <i>Drosophila</i> sweet taste neurons that is value-based and task-specific. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
2	Learning a Spatial Task by Trial and Error in <i>Drosophila</i> . Current Biology, 2019, 29, 2517-2525.e5.	3.9	15
3	Molecular control limiting sensitivity of sweet taste neurons in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20158-20168.	7.1	20
4	Sweet neurons inhibit texture discrimination by signaling TMC-expressing mechanosensitive neurons in <i>Drosophila</i> . ELife, 2019, 8, .	6.0	31
5	Sensory integration and neuromodulatory feedback facilitate <i>Drosophila</i> mechanonociceptive behavior. Nature Neuroscience, 2017, 20, 1085-1095.	14.8	91
6	H2O2-Sensitive Isoforms of <i>Drosophila melanogaster</i> TRPA1 Act in Bitter-Sensing Gustatory Neurons to Promote Avoidance of UV During Egg-Laying. Genetics, 2017, 205, 749-759.	2.9	28
7	Serotonergic Modulation Enables Pathway-Specific Plasticity in a Developing Sensory Circuit in <i>Drosophila</i> . Neuron, 2017, 95, 623-638.e4.	8.1	47
8	High Throughput Assay to Examine Egg-Laying Preferences of Individual <i>Drosophila melanogaster</i> . Journal of Visualized Experiments, 2016, , e53716.	0.3	12
9	Analyzing animal behavior via classifying each video frame using convolutional neural networks. Scientific Reports, 2015, 5, 14351.	3.3	50
10	Long-duration animal tracking in difficult lighting conditions. Scientific Reports, 2015, 5, 10432.	3.3	8
11	Behavioral and Circuit Basis of Sucrose Rejection by <i>Drosophila</i> Females in a Simple Decision-Making Task. Journal of Neuroscience, 2015, 35, 1396-1410.	3.6	38
12	<i>Drosophila</i> TRPA1 isoforms detect UV light via photochemical production of H ₂ O ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5753-61.	7.1	56
13	Mechanosensitive Neurons on the Internal Reproductive Tract Contribute to Egg-Laying-Induced Acetic Acid Attraction in <i>Drosophila</i> . Cell Reports, 2014, 9, 522-530.	6.4	66
14	Egg-Laying Demand Induces Aversion of UV Light in <i>Drosophila</i> Females. Current Biology, 2014, 24, 2797-2804.	3.9	52
15	Female contact modulates male aggression via a sexually dimorphic GABAergic circuit in <i>Drosophila</i> . Nature Neuroscience, 2014, 17, 81-88.	14.8	90
16	Unveiling the Secrets to Her Heart. Neuron, 2014, 83, 3-5.	8.1	3
17	Control of the Postmating Behavioral Switch in <i>Drosophila</i> Females by Internal Sensory Neurons. Neuron, 2009, 61, 519-526.	8.1	271
18	<i>Drosophila</i> Egg-Laying Site Selection as a System to Study Simple Decision-Making Processes. Science, 2008, 319, 1679-1683.	12.6	320