

Chung-Hui Yang

List of Publications by Year in descending order

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