

Diverse Food-Sensing Neurons Trigger Idiothetic Local

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Learning a Spatial Task by Trial and Error in <i>Drosophila</i> . <i>Current Biology</i> , 2019, 29, 2517-2525.e5.	3.9	15
2	Spatial Cognition: Allowing Natural Behaviours to Flourish in the Lab. <i>Current Biology</i> , 2019, 29, R639-R641.	3.9	0
3	Neuronal processing of amino acids in <i>Drosophila</i> : from taste sensing to behavioural regulation. <i>Current Opinion in Insect Science</i> , 2019, 36, 39-44.	4.4	8
4	The prandial process in flies. <i>Current Opinion in Insect Science</i> , 2019, 36, 157-166.	4.4	11
5	Path integration: how details of the honeybee waggle dance and the foraging strategies of desert ants might help in understanding its mechanisms. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	48
6	Idiosyncratic neural coding and neuromodulation of olfactory individuality in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23292-23297.	7.1	55
7	Multisensory control of navigation in the fruit fly. <i>Current Opinion in Neurobiology</i> , 2020, 64, 10-16.	4.2	19
8	Nutrient homeostasis " translating internal states to behavior. <i>Current Opinion in Neurobiology</i> , 2020, 60, 67-75.	4.2	27
9	Mechanisms Underlying the Neural Computation of Head Direction. <i>Annual Review of Neuroscience</i> , 2020, 43, 31-54.	10.7	76
10	Reward foraging task and model-based analysis reveal how fruit flies learn value of available options. <i>PLoS ONE</i> , 2020, 15, e0239616.	2.5	6
11	Internal state transition to switch behavioral strategies in cricket phonotaxis behavior. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	1
12	Searching for relief: <i>Drosophila melanogaster</i> navigation in a virtual bitter maze. <i>Behavioural Brain Research</i> , 2020, 389, 112616.	2.2	4
13	A Multi-regional Network Encoding Heading and Steering Maneuvers in <i>Drosophila</i> . <i>Neuron</i> , 2020, 106, 126-141.e5.	8.1	38
14	Mechanisms underlying attraction to odors in walking <i>Drosophila</i> . <i>PLoS Computational Biology</i> , 2020, 16, e1007718.	3.2	15
15	The Panopticon " Assessing the Effect of Starvation on Prolonged Fly Activity and Place Preference. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 640146.	2.0	1
16	Correlated decision making across multiple phases of olfactory-guided search in <i>Drosophila</i> improves search efficiency. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	3
17	<i>Drosophila</i> re-zero their path integrator at the center of a fictive food patch. <i>Current Biology</i> , 2021, 31, 4534-4546.e5.	3.9	17
25	A connectome of the <i>Drosophila</i> central complex reveals network motifs suitable for flexible navigation and context-dependent action selection. <i>ELife</i> , 2021, 10, .	6.0	168

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31	Individual bitter-sensing neurons in <i>Drosophila</i> exhibit both ON and OFF responses that influence synaptic plasticity. <i>Current Biology</i> , 2021, 31, 5533-5546.e7.	3.9	19
32	Transforming representations of movement from body- to world-centric space. <i>Nature</i> , 2022, 601, 98-104.	27.8	71
33	Flexible navigational computations in the <i>Drosophila</i> central complex. <i>Current Opinion in Neurobiology</i> , 2022, 73, 102514.	4.2	30
35	Which Sugar to Take and How Much to Take? Two Distinct Decisions Mediated by Separate Sensory Channels. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	2.9	2
36	A place learning assay for tethered walking <i>Drosophila</i> . <i>Journal of Neuroscience Methods</i> , 2022, 378, 109657.	2.5	0
37	Endocrine cybernetics: neuropeptides as molecular switches in behavioural decisions. <i>Open Biology</i> , 2022, 12, .	3.6	24
39	Taste cues elicit prolonged modulation of feeding behavior in <i>Drosophila</i> . <i>IScience</i> , 2022, 25, 105159.	4.1	2
40	Displacement experiments provide evidence for path integration in <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2023, 226, .	1.7	2
41	Neural Networks for Navigation: From Connections to Computations. <i>Annual Review of Neuroscience</i> , 2023, 46, 403-423.	10.7	4
42	Temporal effects of sugar intake on fly local search and honey bee dance behaviour. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 0, , .	1.6	0
45	Sensorimotor transformation underlying odor-modulated locomotion in walking <i>Drosophila</i> . <i>Nature Communications</i> , 2023, 14, .	12.8	1
47	Emergent spatial goals in an integrative model of the insect central complex. <i>PLoS Computational Biology</i> , 2023, 19, e1011480.	3.2	0