

# A neural circuit architecture for angular integration in

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An angle on navigation. <i>Nature Reviews Neuroscience</i> , 2017, 18, 387-387.	4.9	0
2	Neural Coding: Bumps on the Move. <i>Current Biology</i> , 2017, 27, R409-R412.	1.8	12
3	Spatial representation in the hippocampal formation: a history. <i>Nature Neuroscience</i> , 2017, 20, 1448-1464.	7.1	362
4	Neural Circuitry for Target Selection and Action Selection in Animal Behavior. <i>Integrative and Comparative Biology</i> , 2017, 57, 808-819.	0.9	11
5	Path Integration: Combining Optic Flow with Compass Orientation. <i>Current Biology</i> , 2017, 27, R1113-R1116.	1.8	10
6	An Anatomically Constrained Model for Path Integration in the Bee Brain. <i>Current Biology</i> , 2017, 27, 3069-3085.e11.	1.8	290
7	Unraveling the neural basis of insect navigation. <i>Current Opinion in Insect Science</i> , 2017, 24, 58-67.	2.2	113
8	Quantifying behavior to solve sensorimotor transformations: advances from worms and flies. <i>Current Opinion in Neurobiology</i> , 2017, 46, 90-98.	2.0	38
9	Idiothetic Path Integration in the Fruit Fly <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2017, 27, 2227-2238.e3.	1.8	120
10	Insect Navigation: How Flies Keep Track of Their Snack. <i>Current Biology</i> , 2017, 27, R748-R750.	1.8	8
11	Vision for navigation: What can we learn from ants?. <i>Arthropod Structure and Development</i> , 2017, 46, 718-722.	0.8	30
12	The evolution of honey bee dance communication: a mechanistic perspective. <i>Journal of Experimental Biology</i> , 2017, 220, 4339-4346.	0.8	41
13	In silico Interrogation of Insect Central Complex Suggests Computational Roles for the Ellipsoid Body in Spatial Navigation. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 142.	1.0	14
14	Neural coding in the visual system of <i>Drosophila melanogaster</i> : How do small neural populations support visually guided behaviours?. <i>PLoS Computational Biology</i> , 2017, 13, e1005735.	1.5	15
15	Elucidating Neuronal Mechanisms Using Intracellular Recordings during Behavior. <i>Trends in Neurosciences</i> , 2018, 41, 385-403.	4.2	16
16	Functional Imaging and Optogenetics in <i>Drosophila</i> . <i>Genetics</i> , 2018, 208, 1291-1309.	1.2	94
17	The Brain Compass: A Perspective on How Self-Motion Updates the Head Direction Cell Attractor. <i>Neuron</i> , 2018, 97, 275-289.	3.8	54
18	Recurrent Circuitry for Balancing Sleep Need and Sleep. <i>Neuron</i> , 2018, 97, 378-389.e4.	3.8	172

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19	Biological Investigation of Neural Circuits in the Insect Brain. SpringerBriefs in Applied Sciences and Technology, 2018, , 1-20.	0.2	1
20	Neuroarchitecture of the <i>Drosophila</i> central complex: A catalog of nodulus and asymmetrical body neurons and a revision of the protocerebral bridge catalog. Journal of Comparative Neurology, 2018, 526, 2585-2611.	0.9	120
21	Transfer of Spatial Contact Information Among Limbs and the Notion of Peripersonal Space in Insects. Frontiers in Computational Neuroscience, 2018, 12, 101.	1.2	13
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38	Mechanisms of vision in the fruit fly. <i>Current Opinion in Insect Science</i> , 2019, 36, 25-32.	2.2	10
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43	High-performance calcium sensors for imaging activity in neuronal populations and microcompartments. <i>Nature Methods</i> , 2019, 16, 649-657.	9.0	843
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68	Using virtual worlds to understand insect navigation for bio-inspired systems. <i>Current Opinion in Insect Science</i> , 2020, 42, 97-104.	2.2	4
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198	Dopamine Modulation of <i>Drosophila</i> Ellipsoid Body Neurons, a Nod to the Mammalian Basal Ganglia. <i>Frontiers in Physiology</i> , 2022, 13, 849142.	1.3	4
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