

# Bart R H Geurten

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

766  
citations

567281

15  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

862  
citing authors

#	ARTICLE	IF	CITATIONS
1	A syntax of hoverfly flight prototypes. <i>Journal of Experimental Biology</i> , 2010, 213, 2461-2475.	1.7	72
2	Neural mechanisms underlying target detection in a dragonfly centrifugal neuron. <i>Journal of Experimental Biology</i> , 2007, 210, 3277-3284.	1.7	69
3	Sensory flow shaped by active sensing: sensorimotor strategies in electric fish. <i>Journal of Experimental Biology</i> , 2013, 216, 2487-2500.	1.7	64
4	Gaze Strategy in the Free Flying Zebra Finch ( <i>Taeniopygia guttata</i> ). <i>PLoS ONE</i> , 2008, 3, e3956.	2.5	63
5	Identifying Prototypical Components in Behaviour Using Clustering Algorithms. <i>PLoS ONE</i> , 2010, 5, e9361.	2.5	60
6	Proprioceptive Opsin Functions in <i>Drosophila</i> Larval Locomotion. <i>Neuron</i> , 2018, 98, 67-74.e4.	8.1	45
7	A Global In Vivo <i>Drosophila</i> RNAi Screen Identifies a Key Role of Ceramide Phosphoethanolamine for Glial Ensheathment of Axons. <i>PLoS Genetics</i> , 2013, 9, e1003980.	3.5	44
8	Hearing regulates <i>Drosophila</i> aggression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1958-1963.	7.1	41
9	Saccadic Movement Strategy in Common Cuttlefish ( <i>Sepia officinalis</i> ). <i>Frontiers in Physiology</i> , 2016, 7, 660.	2.8	41
10	Visualization of a Distributed Synaptic Memory Code in the <i>Drosophila</i> Brain. <i>Neuron</i> , 2020, 106, 963-976.e4.	8.1	40
11	Saccadic body turns in walking <i>Drosophila</i> . <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 365.	2.0	39
12	Monogenic heritable autism gene <i>neuroligin</i> impacts <i>Drosophila</i> social behaviour. <i>Behavioural Brain Research</i> , 2013, 252, 450-457.	2.2	31
13	Saccadic movement strategy in a semiaquatic species – the harbour seal ( <i>Phoca vitulina</i> ). <i>Journal of Experimental Biology</i> , 2017, 220, 1503-1508.	1.7	26
14	Motor patterns during active electrosensory acquisition. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 186.	2.0	25
15	The Orphan Cytokine Receptor CRLF3 Emerged With the Origin of the Nervous System and Is a Neuroprotective Erythropoietin Receptor in Locusts. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 251.	2.9	19
16	Neuroligins <i>Nlg2</i> and <i>Nlg4</i> Affect Social Behavior in <i>Drosophila melanogaster</i> . <i>Frontiers in Psychiatry</i> , 2017, 8, 113.	2.6	18
17	Neuroprotection and endocytosis: erythropoietin receptors in insect nervous systems. <i>Journal of Neurochemistry</i> , 2017, 141, 63-74.	3.9	16
18	Chromophore-Independent Roles of Opsin Apoproteins in <i>Drosophila</i> Mechanoreceptors. <i>Current Biology</i> , 2019, 29, 2961-2969.e4.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Species-Specific Flight Styles of Flies are Reflected in the Response Dynamics of a Homolog Motion-Sensitive Neuron. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 11.	2.1	12
20	Correcting locomotion dependent observation biases in thermal preference of <i>Drosophila</i> . <i>Scientific Reports</i> , 2019, 9, 3974.	3.3	12
21	Strategies of locomotion composition. <i>Current Opinion in Insect Science</i> , 2019, 36, 140-148.	4.4	5
22	Active Vision in Blowflies: Strategies and Mechanisms of Spatial Orientation. , 2009, , 51-61.		4
23	Insect Hearing: Active Amplification in Tympanal Ears. <i>Current Biology</i> , 2013, 23, R950-R952.	3.9	3
24	Visualization of a Distributed Synaptic Memory Code in the <i>Drosophila</i> Brain. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
25	A Markerless Pose Estimator Applicable to Limbless Animals. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 819146.	2.0	1
26	Visualization of naive and learned odor representations using in vivo calcium imaging and immunohistochemical bouton mapping of single <i>Drosophila</i> mushroom body neurons. <i>STAR Protocols</i> , 2020, 1, 100210.	1.2	0