

Elisa Rigosi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3488518/publications.pdf>

Version: 2024-02-01

21
papers

514
citations

687363

13
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	A right antenna for social behaviour in honeybees. <i>Scientific Reports</i> , 2013, 3, 2045.	3.3	95
2	Lateralization in the Invertebrate Brain: Left-Right Asymmetry of Olfaction in Bumble Bee, <i>Bombus terrestris</i> . <i>PLoS ONE</i> , 2011, 6, e18903.	2.5	67
3	The Bee as a Model to Investigate Brain and Behavioural Asymmetries. <i>Insects</i> , 2014, 5, 120-138.	2.2	44
4	Asymmetric neural coding revealed by <i>in vivo</i> calcium imaging in the honey bee brain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142571.	2.6	43
5	The genesis of retinal architecture: An emerging role for mechanical interactions?. <i>Progress in Retinal and Eye Research</i> , 2008, 27, 260-283.	15.5	35
6	Visual acuity of the honey bee retina and the limits for feature detection. <i>Scientific Reports</i> , 2017, 7, 45972.	3.3	32
7	Searching for anatomical correlates of olfactory lateralization in the honeybee antennal lobes: A morphological and behavioural study. <i>Behavioural Brain Research</i> , 2011, 221, 290-294.	2.2	30
8	A multimodal approach for tracing lateralisation along the olfactory pathway in the honeybee through electrophysiological recordings, morpho-functional imaging, and behavioural studies. <i>European Biophysics Journal</i> , 2011, 40, 1247-1258.	2.2	25
9	Lateralization of Sucrose Responsiveness and Non-associative Learning in Honeybees. <i>Frontiers in Psychology</i> , 2018, 9, 425.	2.1	25
10	In-vivo two-photon imaging of the honey bee antennal lobe. <i>Biomedical Optics Express</i> , 2010, 2, 131-8.	2.9	20
11	Spatial Reorientation by Geometry in Bumblebees. <i>PLoS ONE</i> , 2012, 7, e37449.	2.5	19
12	In-vivo two-photon imaging of the honey bee antennal lobe. <i>Biomedical Optics Express</i> , 2011, 2, 131.	2.9	18
13	Comparison of Transparency and Shrinkage During Clearing of Insect Brains Using Media With Tunable Refractive Index. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 599282.	1.7	15
14	Temporal and structural neural asymmetries in insects. <i>Current Opinion in Insect Science</i> , 2021, 48, 72-78.	4.4	9
15	Ex vivo recordings reveal desert locust forelimb control is asymmetric. <i>Current Biology</i> , 2018, 28, R1290-R1291.	3.9	8
16	Acute Application of Imidacloprid Alters the Sensitivity of Direction Selective Motion Detecting Neurons in an Insect Pollinator. <i>Frontiers in Physiology</i> , 2021, 12, 682489.	2.8	8
17	Loss of retinal capillary vasoconstrictor response to Endothelin-1 following pressure increments in living isolated rat retinas. <i>Experimental Eye Research</i> , 2010, 90, 33-40.	2.6	7
18	Photoreceptor signalling is sufficient to explain the detectability threshold of insect aerial pursuers. <i>Journal of Experimental Biology</i> , 2017, 220, 4364-4369.	1.7	5

#	ARTICLE	IF	CITATIONS
19	Multicompartment Simulations of NMDA Receptor Based Facilitation in an Insect Target Tracking Neuron. Lecture Notes in Computer Science, 2017, , 397-404.	1.3	4
20	A new, fluorescence-based method for visualizing the pseudopupil and assessing optical acuity in the dark compound eyes of honeybees and other insects. Scientific Reports, 2021, 11, 21267.	3.3	2
21	Modeling Nonlinear Dendritic Processing of Facilitation in a Dragonfly Target-Tracking Neuron. Frontiers in Neural Circuits, 2021, 15, 684872.	2.8	1