Elisa Rigosi

List of Publications by Year
in descending order

21	514	687363 13	713466 21
papers	citations	h-index	g-index

27	27	27	451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute Application of Imidacloprid Alters the Sensitivity of Direction Selective Motion Detecting Neurons in an Insect Pollinator. Frontiers in Physiology, 2021, 12, 682489.	2.8	8
2	Modeling Nonlinear Dendritic Processing of Facilitation in a Dragonfly Target-Tracking Neuron. Frontiers in Neural Circuits, 2021, 15, 684872.	2.8	1
3	Temporal and structural neural asymmetries in insects. Current Opinion in Insect Science, 2021, 48, 72-78.	4.4	9
4	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
5	Comparison of Transparency and Shrinkage During Clearing of Insect Brains Using Media With Tunable Refractive Index. Frontiers in Neuroanatomy, 2020, 14, 599282.	1.7	15
6	Ex vivo recordings reveal desert locust forelimb control is asymmetric. Current Biology, 2018, 28, R1290-R1291.	3.9	8
7	Lateralization of Sucrose Responsiveness and Non-associative Learning in Honeybees. Frontiers in Psychology, 2018, 9, 425.	2.1	25
8	Visual acuity of the honey bee retina and the limits for feature detection. Scientific Reports, 2017, 7, 45972.	3.3	32
9	Photoreceptor signalling is sufficient to explain the detectability threshold of insect aerial pursuers. Journal of Experimental Biology, 2017, 220, 4364-4369.	1.7	5
10	Multicompartment Simulations of NMDA Receptor Based Facilitation in an Insect Target Tracking Neuron. Lecture Notes in Computer Science, 2017, , 397-404.	1.3	4
11	Asymmetric neural coding revealed by in vivo calcium imaging in the honey bee brain. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142571.	2.6	43
12	The Bee as a Model to Investigate Brain and Behavioural Asymmetries. Insects, 2014, 5, 120-138.	2.2	44
13	A right antenna for social behaviour in honeybees. Scientific Reports, 2013, 3, 2045.	3.3	95
14	Spatial Reorientation by Geometry in Bumblebees. PLoS ONE, 2012, 7, e37449.	2.5	19
15	Searching for anatomical correlates of olfactory lateralization in the honeybee antennal lobes: A morphological and behavioural study. Behavioural Brain Research, 2011, 221, 290-294.	2.2	30
16	In-vivo two-photon imaging of the honey bee antennal lobe. Biomedical Optics Express, 2011, 2, 131.	2.9	18
17	A multimodal approach for tracing lateralisation along the olfactory pathway in the honeybee through electrophysiological recordings, morpho-functional imaging, and behavioural studies. European Biophysics Journal, 2011, 40, 1247-1258.	2.2	25
18	Lateralization in the Invertebrate Brain: Left-Right Asymmetry of Olfaction in Bumble Bee, Bombus terrestris. PLoS ONE, 2011, 6, e18903.	2.5	67

#	Article	IF	Citations
19	Loss of retinal capillary vasoconstrictor response to Endothelin-1 following pressure increments in living isolated rat retinas. Experimental Eye Research, 2010, 90, 33-40.	2.6	7
20	In-vivo two-photon imaging of the honey bee antennal lobe. Biomedical Optics Express, 2010, 2, 131-8.	2.9	20
21	The genesis of retinal architecture: An emerging role for mechanical interactions?. Progress in Retinal and Eye Research, 2008, 27, 260-283.	15.5	35