

Joseph M Fabian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/832545/publications.pdf>

Version: 2024-02-01

10
papers

149
citations

1478505

6
h-index

1474206

9
g-index

20
all docs

20
docs citations

20
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic characterization of wing mechanosensors that monitor airflow and wing deformations. IScience, 2022, 25, 104150.	4.1	14
2	Spike bursting in a dragonfly target-detecting neuron. Scientific Reports, 2021, 11, 4005.	3.3	6
3	Cytoplasmic delivery of quantum dots via microelectrophoresis technique. Electrophoresis, 2021, 42, 1247-1254.	2.4	1
4	Modeling Nonlinear Dendritic Processing of Facilitation in a Dragonfly Target-Tracking Neuron. Frontiers in Neural Circuits, 2021, 15, 684872.	2.8	1
5	Insect Vision: Novel Mechanism for Contrast Constancy in Dim Light. Current Biology, 2020, 30, R166-R168.	3.9	0
6	A Target-Detecting Visual Neuron in the Dragonfly Locks on to Selectively Attended Targets. Journal of Neuroscience, 2019, 39, 8497-8509.	3.6	26
7	Properties of predictive gain modulation in a dragonfly visual neuron. Journal of Experimental Biology, 2019, 222, .	1.7	17
8	Differential Tuning to Visual Motion Allows Robust Encoding of Optic Flow in the Dragonfly. Journal of Neuroscience, 2019, 39, 8051-8063.	3.6	13
9	Multicompartment Simulations of NMDA Receptor Based Facilitation in an Insect Target Tracking Neuron. Lecture Notes in Computer Science, 2017, , 397-404.	1.3	4
10	A predictive focus of gain modulation encodes target trajectories in insect vision. ELife, 2017, 6, .	6.0	55