

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