

# Philipp Schlegel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5092491/publications.pdf>

Version: 2024-02-01

22  
papers

2,693  
citations

393982

19  
h-index

676716

22  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1871  
citing authors

#	ARTICLE	IF	CITATIONS
1	A connectome and analysis of the adult <i>Drosophila</i> central brain. <i>ELife</i> , 2020, 9, .	2.8	596
2	The connectome of the adult <i>Drosophila</i> mushroom body provides insights into function. <i>ELife</i> , 2020, 9, .	2.8	231
3	Integration of Parallel Opposing Memories Underlies Memory Extinction. <i>Cell</i> , 2018, 175, 709-722.e15.	13.5	176
4	The natverse, a versatile toolbox for combining and analysing neuroanatomical data. <i>ELife</i> , 2020, 9, .	2.8	139
5	Complete Connectomic Reconstruction of Olfactory Projection Neurons in the Fly Brain. <i>Current Biology</i> , 2020, 30, 3183-3199.e6.	1.8	128
6	Neurogenetic dissection of the <i>Drosophila</i> lateral horn reveals major outputs, diverse behavioural functions, and interactions with the mushroom body. <i>ELife</i> , 2019, 8, .	2.8	124
7	Synaptic transmission parallels neuromodulation in a central food-intake circuit. <i>ELife</i> , 2016, 5, .	2.8	111
8	Information flow, cell types and stereotypy in a full olfactory connectome. <i>ELife</i> , 2021, 10, .	2.8	92
9	A Neural Circuit Arbitrates between Persistence and Withdrawal in Hungry <i>Drosophila</i> . <i>Neuron</i> , 2019, 104, 544-558.e6.	3.8	83
10	Selection of Motor Programs for Suppressing Food Intake and Inducing Locomotion in the <i>Drosophila</i> Brain. <i>PLoS Biology</i> , 2014, 12, e1001893.	2.6	81
11	Automatic detection of synaptic partners in a whole-brain <i>Drosophila</i> electron microscopy data set. <i>Nature Methods</i> , 2021, 18, 771-774.	9.0	81
12	Communication from Learned to Innate Olfactory Processing Centers Is Required for Memory Retrieval in <i>Drosophila</i> . <i>Neuron</i> , 2018, 100, 651-668.e8.	3.8	80
13	Connectomics Analysis Reveals First-, Second-, and Third-Order Thermosensory and Hygrosensory Neurons in the Adult <i>Drosophila</i> Brain. <i>Current Biology</i> , 2020, 30, 3167-3182.e4.	1.8	68
14	Chemoreceptor co-expression in <i>Drosophila melanogaster</i> olfactory neurons. <i>ELife</i> , 2022, 11, .	2.8	57
15	Convergence of monosynaptic and polysynaptic sensory paths onto common motor outputs in a <i>Drosophila</i> feeding connectome. <i>ELife</i> , 2018, 7, .	2.8	54
16	The OIympiad: concordance of behavioural faculties of stage 1 and stage 3 <i>Drosophila</i> larvae. <i>Journal of Experimental Biology</i> , 2017, 220, 2452-2475.	0.8	48
17	Learning from connectomics on the fly. <i>Current Opinion in Insect Science</i> , 2017, 24, 96-105.	2.2	45
18	The Corazonin-PTTH Neuronal Axis Controls Systemic Body Growth by Regulating Basal Ecdysteroid Biosynthesis in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2020, 30, 2156-2165.e5.	1.8	38

#	ARTICLE	IF	CITATIONS
19	A neuropeptidergic circuit gates selective escape behavior of <i>Drosophila</i> larvae. <i>Current Biology</i> , 2022, 32, 149-163.e8.	1.8	38
20	Localization of Motor Neurons and Central Pattern Generators for Motor Patterns Underlying Feeding Behavior in <i>Drosophila</i> Larvae. <i>PLoS ONE</i> , 2015, 10, e0135011.	1.1	35
21	Making Feeding Decisions in the <i>Drosophila</i> Nervous System. <i>Current Biology</i> , 2020, 30, R831-R840.	1.8	28
22	Unveiling the sensory and interneuronal pathways of the neuroendocrine connectome in <i>Drosophila</i> . <i>ELife</i> , 2021, 10, .	2.8	25