

Stefan R Pulver

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/81701/publications.pdf>

Version: 2024-02-01

22
papers

8,446
citations

623734

14
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

11433
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of muscarinic acetylcholine receptor-dependent rhythm-generating modules in the <i>Drosophila</i> larval locomotor network. <i>Journal of Neurophysiology</i> , 2022, 127, 1098-1116.	1.8	1
2	Regulation of coordinated muscular relaxation in <i>Drosophila</i> larvae by a pattern-regulating intersegmental circuit. <i>Nature Communications</i> , 2021, 12, 2943.	12.8	10
3	An electrically coupled pioneer circuit enables motor development via proprioceptive feedback in <i>Drosophila</i> embryos. <i>Current Biology</i> , 2021, 31, 5327-5340.e5.	3.9	12
4	Segment-specific optogenetic stimulation in <i>Drosophila melanogaster</i> with linear arrays of organic light-emitting diodes. <i>Nature Communications</i> , 2020, 11, 6248.	12.8	12
5	Inexpensive Methods for Live Imaging of Central Pattern Generator Activity in the Larval Locomotor System. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2020, 19, A124-A133.	0.0	0
6	Narrowband Organic Light-Emitting Diodes for Fluorescence Microscopy and Calcium Imaging. <i>Advanced Materials</i> , 2019, 31, 1903599.	21.0	20
7	Selective Inhibition Mediates the Sequential Recruitment of Motor Pools. <i>Neuron</i> , 2016, 91, 615-628.	8.1	78
8	High-brightness organic light-emitting diodes for optogenetic control of <i>Drosophila</i> locomotor behaviour. <i>Scientific Reports</i> , 2016, 6, 31117.	3.3	32
9	Imaging fictive locomotor patterns in larval <i>Drosophila</i> . <i>Journal of Neurophysiology</i> , 2015, 114, 2564-2577.	1.8	110
10	Identification of Inhibitory Premotor Interneurons Activated at a Late Phase in a Motor Cycle during <i>Drosophila</i> Larval Locomotion. <i>PLoS ONE</i> , 2015, 10, e0136660.	2.5	41
11	Whole-central nervous system functional imaging in larval <i>Drosophila</i> . <i>Nature Communications</i> , 2015, 6, 7924.	12.8	179
12	Light Activated Escape Circuits: A Behavior and Neurophysiology Lab Module using <i>Drosophila</i> Optogenetics. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2015, 13, A166-73.	0.0	13
13	Independent optical excitation of distinct neural populations. <i>Nature Methods</i> , 2014, 11, 338-346.	19.0	1,879
14	Ultrasensitive fluorescent proteins for imaging neuronal activity. <i>Nature</i> , 2013, 499, 295-300.	27.8	5,490
15	Autonomous Circuitry for Substrate Exploration in Freely Moving <i>Drosophila</i> Larvae. <i>Current Biology</i> , 2012, 22, 1861-1870.	3.9	123
16	The fundamentals of flying: simple and inexpensive strategies for employing <i>Drosophila</i> genetics in neuroscience teaching laboratories. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2012, 11, A139-48.	0.0	9
17	Quenchable Neuroscience: Why JUNE Needs to Focus on Getting Indexed in PubMed. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2012, 10, E8.	0.0	0
18	Spike integration and cellular memory in a rhythmic network from Na ⁺ /K ⁺ pump current dynamics. <i>Nature Neuroscience</i> , 2010, 13, 53-59.	14.8	91

#	ARTICLE	IF	CITATIONS
19	Temporal Dynamics of Neuronal Activation by Channelrhodopsin-2 and TRPA1 Determine Behavioral Output in <i>Drosophila</i> Larvae. <i>Journal of Neurophysiology</i> , 2009, 101, 3075-3088.	1.8	237
20	Constant amplitude of postsynaptic responses for single presynaptic action potentials but not bursting input during growth of an identified neuromuscular junction in the lobster, <i>Homarus americanus</i> . <i>Journal of Neurobiology</i> , 2005, 62, 47-61.	3.6	16
21	Dopamine and histamine in the developing stomatogastric system of the lobster <i>Homarus americanus</i> . <i>Journal of Comparative Neurology</i> , 2003, 462, 400-414.	1.6	40
22	Neuromodulatory complement of the pericardial organs in the embryonic lobster, <i>homarus americanus</i> . <i>Journal of Comparative Neurology</i> , 2002, 451, 79-90.	1.6	51