

Joachim Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

581
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Organizing network action for locomotion: Insights from studying insect walking. <i>Brain Research Reviews</i> , 2008, 57, 162-171.	9.0	144
2	Pattern Generation for Walking and Searching Movements of a Stick Insect Leg. I. Coordination of Motor Activity. <i>Journal of Neurophysiology</i> , 2001, 85, 341-353.	1.8	66
3	Control of flexor motoneuron activity during single leg walking of the stick insect on an electronically controlled treadmill. <i>Journal of Neurobiology</i> , 2003, 56, 237-251.	3.6	50
4	A Leg-Local Neural Mechanism Mediates the Decision to Search in Stick Insects. <i>Current Biology</i> , 2015, 25, 2012-2017.	3.9	50
5	Synaptic drive contributing to rhythmic activation of motoneurons in the deafferented stick insect walking system. <i>European Journal of Neuroscience</i> , 2004, 19, 1856-1862.	2.6	45
6	Pattern Generation for Walking and Searching Movements of a Stick Insect Leg. II. Control of Motoneuronal Activity. <i>Journal of Neurophysiology</i> , 2001, 85, 354-361.	1.8	41
7	Motoneurons, DUM cells, and sensory neurons in an insect thoracic ganglion: A tracing study in the stick insect <i>Carausius morosus</i> . <i>Journal of Comparative Neurology</i> , 2012, 520, 230-257.	1.6	39
8	Modulation of Membrane Potential in Mesothoracic Moto- and Interneurons During Stick Insect Front-Leg Walking. <i>Journal of Neurophysiology</i> , 2005, 94, 2772-2784.	1.8	27
9	Pharmacological Analysis of Tonic Activity in Motoneurons During Stick Insect Walking. <i>Journal of Neurophysiology</i> , 2009, 102, 1049-1061.	1.8	26
10	Cholinergic Currents in Leg Motoneurons of <i>Carausius morosus</i> . <i>Journal of Neurophysiology</i> , 2010, 103, 2770-2782.	1.8	20
11	Peptide-mediated glial responses to Leydig neuron activity in the leech central nervous system. <i>European Journal of Neuroscience</i> , 1999, 11, 3125-3133.	2.6	15
12	Descending octopaminergic neurons modulate sensory-evoked activity of thoracic motor neurons in stick insects. <i>Journal of Neurophysiology</i> , 2019, 122, 2388-2413.	1.8	13
13	Task-dependent modification of leg motor neuron synaptic input underlying changes in walking direction and walking speed. <i>Journal of Neurophysiology</i> , 2015, 114, 1090-1101.	1.8	12
14	Distributed processing of load and movement feedback in the premotor network controlling an insect leg joint. <i>Journal of Neurophysiology</i> , 2021, 125, 1800-1813.	1.8	12
15	Rhythmic activity in a motor axon induced by axotomy. <i>NeuroReport</i> , 2003, 14, 1267-1271.	1.2	9
16	Neuronal control of walking: studies on insects. <i>E-Neuroforum</i> , 2015, 6, 105-112.	0.1	6
17	Calcium imaging of CPG-evoked activity in efferent neurons of the stick insect. <i>PLoS ONE</i> , 2018, 13, e0202822.	2.5	6
18	Heidi Klum und das Modellsystem in der Biologie. <i>E-Neuroforum</i> , 2007, 13, 140-140.	0.1	0