

Ansgar BÃ¼schges

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8197382/publications.pdf>

Version: 2024-02-01

141
papers

5,874
citations

61945

43
h-index

98753

67
g-index

170
all docs

170
docs citations

170
times ranked

2662
citing authors

#	ARTICLE	IF	CITATIONS
1	Pattern generation for stick insect walking movementsâ€™ multisensory control of a locomotor program. <i>Brain Research Reviews</i> , 1998, 27, 65-88.	9.1	238
2	Sensory Control and Organization of Neural Networks Mediating Coordination of Multisegmental Organs for Locomotion. <i>Journal of Neurophysiology</i> , 2005, 93, 1127-1135.	0.9	199
3	Swing Velocity Profiles of Small Limbs Can Arise from Transient Passive Torques of the Antagonist Muscle Alone. <i>Current Biology</i> , 2019, 29, 1-12.e7.	1.8	193
4	Load sensing and control of posture and locomotion. <i>Arthropod Structure and Development</i> , 2004, 33, 273-286.	0.8	162
5	The Power of Human Protective Modifiers: PLS3 and CORO1C Unravel Impaired Endocytosis in Spinal Muscular Atrophy and Rescue SMA Phenotype. <i>American Journal of Human Genetics</i> , 2016, 99, 647-665.	2.6	154
6	Organizing network action for locomotion: Insights from studying insect walking. <i>Brain Research Reviews</i> , 2008, 57, 162-171.	9.1	144
7	Inter-leg coordination in the control of walking speed in <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 480-91.	0.8	138
8	Dynamic simulation of insect walking. <i>Arthropod Structure and Development</i> , 2004, 33, 287-300.	0.8	126
9	Assessing sensory function in locomotor systems using neuro-mechanical simulations. <i>Trends in Neurosciences</i> , 2006, 29, 625-631.	4.2	125
10	Sensory pathways and their modulation in the control of locomotion. <i>Current Opinion in Neurobiology</i> , 1998, 8, 733-739.	2.0	120
11	Six-legged walking in insects: how CPGs, peripheral feedback, and descending signals generate coordinated and adaptive motor rhythms. <i>Journal of Neurophysiology</i> , 2018, 119, 459-475.	0.9	118
12	Sensory Feedback Induced by Front-Leg Stepping Entrain the Activity of Central Pattern Generators in Caudal Segments of the Stick Insect Walking System. <i>Journal of Neuroscience</i> , 2009, 29, 2972-2983.	1.7	103
13	New Moves in Motor Control. <i>Current Biology</i> , 2011, 21, R513-R524.	1.8	102
14	The Role of Sensory Signals From the Insect Coxa-Trochanteral Joint in Controlling Motor Activity of the Femur-Tibia Joint. <i>Journal of Neurophysiology</i> , 2001, 85, 594-604.	0.9	98
15	Segment Specificity of Load Signal Processing Depends on Walking Direction in the Stick Insect Leg Muscle Control System. <i>Journal of Neuroscience</i> , 2007, 27, 3285-3294.	1.7	98
16	Signals From Load Sensors Underlie Interjoint Coordination During Stepping Movements of the Stick Insect Leg. <i>Journal of Neurophysiology</i> , 2004, 92, 42-51.	0.9	96
17	Neural Control of Unloaded Leg Posture and of Leg Swing in Stick Insect, Cockroach, and Mouse Differs from That in Larger Animals. <i>Journal of Neuroscience</i> , 2009, 29, 4109-4119.	1.7	93
18	Role of Proprioceptive Signals From an Insect Femur-Tibia Joint in Patterning Motoneuronal Activity of an Adjacent Leg Joint. <i>Journal of Neurophysiology</i> , 1999, 81, 1856-1865.	0.9	80

#	ARTICLE	IF	CITATIONS
19	Adaptive motor behavior in insects. <i>Current Opinion in Neurobiology</i> , 2007, 17, 629-636.	2.0	80
20	Nonspiking Pathways in a Joint-control Loop of the Stick Insect <i>Carausius Morosus</i> . <i>Journal of Experimental Biology</i> , 1990, 151, 133-160.	0.8	80
21	The extensor tibiae muscle of the stick insect: biomechanical properties of an insect walking leg muscle. <i>Journal of Experimental Biology</i> , 2007, 210, 1092-1108.	0.8	73
22	Controlling legs for locomotion—insights from robotics and neurobiology. <i>Bioinspiration and Biomimetics</i> , 2015, 10, 041001.	1.5	71
23	Role of local nonspiking interneurons in the generation of rhythmic motor activity in the stick insect. <i>Journal of Neurobiology</i> , 1995, 27, 488-512.	3.7	70
24	A Specific Population of Reticulospinal Neurons Controls the Termination of Locomotion. <i>Cell Reports</i> , 2016, 15, 2377-2386.	2.9	70
25	Initiation of Locomotion in Adult Zebrafish. <i>Journal of Neuroscience</i> , 2011, 31, 8422-8431.	1.7	68
26	Two Brain Pathways Initiate Distinct Forward Walking Programs in <i>Drosophila</i> . <i>Neuron</i> , 2020, 108, 469-485.e8.	3.8	68
27	Central pattern generating networks in insect locomotion. <i>Developmental Neurobiology</i> , 2020, 80, 16-30.	1.5	68
28	The comparative investigation of the stick insect and cockroach models in the study of insect locomotion. <i>Current Opinion in Insect Science</i> , 2015, 12, 1-10.	2.2	67
29	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.	0.9	66
30	Encoding of force increases and decreases by tibial campaniform sensilla in the stick insect, <i>Carausius morosus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 851-867.	0.7	66
31	Force encoding in stick insect legs delineates a reference frame for motor control. <i>Journal of Neurophysiology</i> , 2012, 108, 1453-1472.	0.9	63
32	Activity Patterns and Timing of Muscle Activity in the Forward Walking and Backward Walking Stick Insect <i>Carausius morosus</i> . <i>Journal of Neurophysiology</i> , 2010, 104, 1681-1695.	0.9	59
33	Processing of Sensory Input From the Femoral Chordotonal Organ by Spiking Interneurons of Stick Insects. <i>Journal of Experimental Biology</i> , 1989, 144, 81-111.	0.8	59
34	Control of reflex reversal in stick insect walking: effects of intersegmental signals, changes in direction, and optomotor-induced turning. <i>Journal of Neurophysiology</i> , 2012, 107, 239-249.	0.9	58
35	Interjoint Coordination in the Stick Insect Leg-Control System: The Role of Positional Signaling. <i>Journal of Neurophysiology</i> , 2003, 89, 1245-1255.	0.9	56
36	An improved electrode design for en passant recording from small nerves. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1988, 91, 769-772.	0.7	55

#	ARTICLE	IF	CITATIONS
37	Nonspiking pathways antagonize the resistance reflex in the thoraco-coxal joint of stick insects. <i>Journal of Neurobiology</i> , 1991, 22, 224-237.	3.7	55
38	Mechanosensory Feedback in Walking: From Joint Control to Locomotor Patterns. <i>Advances in Insect Physiology</i> , 2007, 34, 193-230.	1.1	54
39	Intersegmental Coordination: Influence of a Single Walking Leg on the Neighboring Segments in the Stick Insect Walking System. <i>Journal of Neurophysiology</i> , 2007, 98, 1685-1696.	0.9	51
40	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.	3.7	50
41	A Leg-Local Neural Mechanism Mediates the Decision to Search in Stick Insects. <i>Current Biology</i> , 2015, 25, 2012-2017.	1.8	50
42	Straight walking and turning on a slippery surface. <i>Journal of Experimental Biology</i> , 2009, 212, 194-209.	0.8	47
43	Neuronal Basis of Innate Olfactory Attraction to Ethanol in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e52007.	1.1	47
44	Sensorimotor pathways involved in interjoint reflex action of an insect leg. <i>Journal of Neurobiology</i> , 1997, 33, 891-913.	3.7	46
45	Speed-dependent interplay between local pattern-generating activity and sensory signals during walking in <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2016, 219, 3781-3793.	0.8	46
46	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.	1.2	45
47	Desensitization of nicotinic acetylcholine receptors in central nervous system neurons of the stick insect (<i>Carausius morosus</i>) by imidacloprid and sulfoximine insecticides. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 872-880.	1.2	43
48	From neuron to behavior: dynamic equation-based prediction of biological processes in motor control. <i>Biological Cybernetics</i> , 2011, 105, 71-88.	0.6	43
49	A Brainstem Neural Substrate for Stopping Locomotion. <i>Journal of Neuroscience</i> , 2019, 39, 1044-1057.	1.7	43
50	Intra- and intersegmental influences among central pattern generating networks in the walking system of the stick insect. <i>Journal of Neurophysiology</i> , 2017, 118, 2296-2310.	0.9	42
51	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.	0.9	41
52	Deriving neural network controllers from neuro-biological data: implementation of a single-leg stick insect controller. <i>Biological Cybernetics</i> , 2011, 104, 95-119.	0.6	41
53	Inhibitory synaptic drive patterns motoneuronal activity in rhythmic preparations of isolated thoracic ganglia in the stick insect. <i>Brain Research</i> , 1998, 783, 262-271.	1.1	40
54	Nigral Glutamatergic Neurons Control the Speed of Locomotion. <i>Journal of Neuroscience</i> , 2017, 37, 9759-9770.	1.7	40

#	ARTICLE	IF	CITATIONS
55	Transcriptomic and Neuropeptidomic Analysis of the Stick Insect, <i>Carausius morosus</i> . Journal of Proteome Research, 2018, 17, 2192-2204.	1.8	40
56	Motoneurons, DUM cells, and sensory neurons in an insect thoracic ganglion: A tracing study in the stick insect <i>Carausius morosus</i> . Journal of Comparative Neurology, 2012, 520, 230-257.	0.9	39
57	Static stability predicts the continuum of interleg coordination patterns in <i>Drosophila</i> . Journal of Experimental Biology, 2018, 221, .	0.8	37
58	Distributed control of motor circuits for backward walking in <i>Drosophila</i> . Nature Communications, 2020, 11, 6166.	5.8	37
59	Load Signals Assist the Generation of Movement-Dependent Reflex Reversal in the Femur-Tibia Joint of Stick Insects. Journal of Neurophysiology, 2006, 96, 3532-3537.	0.9	36
60	Tethered stick insect walking: A modified slippery surface setup with optomotor stimulation and electrical monitoring of tarsal contact. Journal of Neuroscience Methods, 2006, 158, 195-206.	1.3	36
61	Directional specificity and encoding of muscle forces and loads by stick insect tibial campaniform sensilla, including receptors with round cuticular caps. Arthropod Structure and Development, 2013, 42, 455-467.	0.8	36
62	Plasticity of Synaptic Connections in Sensory-Motor Pathways of the Adult Locust Flight System. Journal of Neurophysiology, 1997, 78, 1276-1284.	0.9	35
63	Cell dialysis by sharp electrodes can cause nonphysiological changes in neuron properties. Journal of Neurophysiology, 2015, 114, 1255-1271.	0.9	35
64	Lessons for circuit function from large insects: towards understanding the neural basis of motor flexibility. Current Opinion in Neurobiology, 2012, 22, 602-608.	2.0	34
65	Reorganization of sensory regulation of locust flight after partial deafferentation. Journal of Neurobiology, 1992, 23, 31-43.	3.7	33
66	Connections of the forewing tegulae in the locust flight system and their modification following partial deafferentation. Journal of Neurobiology, 1992, 23, 44-60.	3.7	33
67	Natural Neural Output That Produces Highly Variable Locomotory Movements. Journal of Neurophysiology, 2006, 96, 2072-2088.	0.9	31
68	Determining all parameters necessary to build Hill-type muscle models from experiments on single muscles. Biological Cybernetics, 2012, 106, 543-558.	0.6	31
69	Neuronal Substrates for State-Dependent Changes in Coordination between Motoneuron Pools during Fictive Locomotion in the Lamprey Spinal Cord. Journal of Neuroscience, 2008, 28, 868-879.	1.7	30
70	Premotor Interneurons in the Local Control of Stepping Motor Output for the Stick Insect Single Middle Leg. Journal of Neurophysiology, 2009, 102, 1956-1975.	0.9	29
71	Positive force feedback in development of substrate grip in the stick insect tarsus. Arthropod Structure and Development, 2014, 43, 441-455.	0.8	29
72	Hill-type muscle model parameters determined from experiments on single muscles show large animal-to-animal variation. Biological Cybernetics, 2012, 106, 559-571.	0.6	28

#	ARTICLE	IF	CITATIONS
73	Intracellular recordings from nonspiking interneurons in a semiintact, tethered walking insect. <i>Journal of Neurobiology</i> , 1991, 22, 907-921.	3.7	27
74	Premotor interneurons in generation of adaptive leg reflexes and voluntary movements in stick insects. , 1996, 31, 512-531.		27
75	Modulation of Membrane Potential in Mesothoracic Moto- and Interneurons During Stick Insect Front-Leg Walking. <i>Journal of Neurophysiology</i> , 2005, 94, 2772-2784.	0.9	27
76	Dominance of local sensory signals over inter-segmental effects in a motor system: experiments. <i>Biological Cybernetics</i> , 2011, 105, 399-411.	0.6	27
77	Single perturbations cause sustained changes in searching behavior in stick insects. <i>Journal of Experimental Biology</i> , 2013, 216, 1064-74.	0.8	27
78	Insect motor control: methodological advances, descending control and inter-leg coordination on the move. <i>Current Opinion in Neurobiology</i> , 2015, 33, 8-15.	2.0	27
79	Force feedback reinforces muscle synergies in insect legs. <i>Arthropod Structure and Development</i> , 2015, 44, 541-553.	0.8	27
80	Location and arrangement of campaniform sensilla in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , 2021, 529, 905-925.	0.9	27
81	ADAPTIVE MODIFICATIONS IN THE FLIGHT SYSTEM OF THE LOCUST AFTER THE REMOVAL OF WING PROPRIOCEPTORS. <i>Journal of Experimental Biology</i> , 1991, 157, 313-333.	0.8	27
82	Slow Temporal Filtering May Largely Explain the Transformation of Stick Insect (<i>Carausius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 2007, 98, 1718-1732.	0.9	26
83	Different Motor Neuron Spike Patterns Produce Contractions With Very Similar Rises in Graded Slow Muscles. <i>Journal of Neurophysiology</i> , 2007, 97, 1428-1444.	0.9	25
84	Activity of neuromodulatory neurones during stepping of a single insect leg. <i>Journal of Insect Physiology</i> , 2008, 54, 51-61.	0.9	23
85	A Neuro-Mechanical Model of a Single Leg Joint Highlighting the Basic Physiological Role of Fast and Slow Muscle Fibres of an Insect Muscle System. <i>PLoS ONE</i> , 2013, 8, e78247.	1.1	22
86	Octopamine effects mimick state-dependent changes in a proprioceptive feedback system. <i>Journal of Neurobiology</i> , 1993, 24, 598-610.	3.7	21
87	Control of Stepping Velocity in the Stick Insect <i>Carausius morosus</i> . <i>Journal of Neurophysiology</i> , 2009, 102, 1180-1192.	0.9	21
88	Cholinergic Currents in Leg Motoneurons of <i>Carausius morosus</i> . <i>Journal of Neurophysiology</i> , 2010, 103, 2770-2782.	0.9	20
89	Phase-Dependent Presynaptic Modulation of Mechanosensory Signals in the Locust Flight System. <i>Journal of Neurophysiology</i> , 1999, 81, 959-962.	0.9	19
90	A Central Pattern-Generating Network Contributes to “Reflex-Reversal” Like Leg Motoneuron Activity in the Locust. <i>Journal of Neurophysiology</i> , 2001, 86, 3065-3068.	0.9	19

#	ARTICLE	IF	CITATIONS
91	Intersegmental transfer of sensory signals in the stick insect leg muscle control system. <i>Journal of Neurobiology</i> , 2006, 66, 1253-1269.	3.7	19
92	Effects of force detecting sense organs on muscle synergies are correlated with their response properties. <i>Arthropod Structure and Development</i> , 2017, 46, 564-578.	0.8	19
93	Using individual-muscle specific instead of across-muscle mean data halves muscle simulation error. <i>Biological Cybernetics</i> , 2012, 106, 573-585.	0.6	18
94	Network Modularity: Back to the Future in Motor Control. <i>Current Biology</i> , 2013, 23, R936-R938.	1.8	18
95	A Neuro-Mechanical Model Explaining the Physiological Role of Fast and Slow Muscle Fibres at Stop and Start of Stepping of an Insect Leg. <i>PLoS ONE</i> , 2013, 8, e78246.	1.1	18
96	Force dynamics and synergist muscle activation in stick insects: the effects of using joint torques as mechanical stimuli. <i>Journal of Neurophysiology</i> , 2018, 120, 1807-1823.	0.9	17
97	Loss of miR-210 leads to progressive retinal degeneration in <i>Drosophila melanogaster</i> . <i>Life Science Alliance</i> , 2019, 2, e201800149.	1.3	16
98	Body side-specific control of motor activity during turning in a walking animal. <i>ELife</i> , 2016, 5, .	2.8	16
99	Identification of the origin of force-feedback signals influencing motor neurons of the thoraco-coxal joint in an insect. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 253-270.	0.7	15
100	Gradients in mechanotransduction of force and body weight in insects. <i>Arthropod Structure and Development</i> , 2020, 58, 100970.	0.8	14
101	Introduction to spasticity and related mouse models. <i>Experimental Neurology</i> , 2021, 335, 113491.	2.0	14
102	Activity of fin muscles and fin motoneurons during swimming motor pattern in the lamprey. <i>European Journal of Neuroscience</i> , 2006, 23, 2012-2026.	1.2	13
103	The role of leg touchdown for the control of locomotor activity in the walking stick insect. <i>Journal of Neurophysiology</i> , 2015, 113, 2309-2320.	0.9	13
104	Oil and Hook Electrodes for en Passant Recording from Small Nerves. <i>Methods in Neurosciences</i> , 1991, 4, 266-278.	0.5	13
105	Simple Muscle Models Regularize Motion in a Robotic Leg with Neurally-Based Step Generation. <i>Proceedings - IEEE International Conference on Robotics and Automation</i> , 2007, , .	0.0	12
106	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.	0.9	12
107	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.	0.9	12
108	Activity-Dependent Sensitivity of Proprioceptive Sensory Neurons in the Stick Insect Femoral Chordotonal Organ. <i>Journal of Neurophysiology</i> , 2002, 88, 2387-2398.	0.9	10

#	ARTICLE	IF	CITATIONS
109	Descending control of locomotor circuits. <i>Current Opinion in Physiology</i> , 2019, 8, 94-98.	0.9	10
110	Ultra high-resolution biomechanics suggest that substructures within insect mechanosensors decisively affect their sensitivity. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20220102.	1.5	9
111	Unravelling intra- and intersegmental neuronal connectivity between central pattern generating networks in a multi-legged locomotor system. <i>PLoS ONE</i> , 2019, 14, e0220767.	1.1	8
112	Evaluation of force feedback in walking using joint torques as “naturalistic” stimuli. <i>Journal of Neurophysiology</i> , 2021, 126, 227-248.	0.9	8
113	Vibration signals from the FT joint can induce phase transitions in both directions in motoneuron pools of the stick insect walking system. <i>Journal of Neurobiology</i> , 2003, 56, 125-138.	3.7	7
114	Temporal differences between load and movement signal integration in the sensorimotor network of an insect leg. <i>Journal of Neurophysiology</i> , 2021, 126, 1875-1890.	0.9	7
115	The locust tegula: kinematic parameters and activity pattern during the wing stroke. <i>Journal of Experimental Biology</i> , 2002, 205, 1531-45.	0.8	7
116	Dynamic Synaptic Arrangement in Sensory-Motor Pathways of the Adult Locust Flight System. <i>Die Naturwissenschaften</i> , 1997, 84, 234-237.	0.6	6
117	Neuronal control of walking: studies on insects. <i>E-Neuroforum</i> , 2015, 6, 105-112.	0.2	6
118	Calcium imaging of CPG-evoked activity in efferent neurons of the stick insect. <i>PLoS ONE</i> , 2018, 13, e0202822.	1.1	6
119	Body side-specific changes in sensorimotor processing of movement feedback in a walking insect. <i>Journal of Neurophysiology</i> , 2019, 122, 2173-2186.	0.9	6
120	Hypothalamic Pomc Neurons Innervate the Spinal Cord and Modulate the Excitability of Premotor Circuits. <i>Current Biology</i> , 2020, 30, 4579-4593.e7.	1.8	6
121	Direction-Specific Footpaths Can Be Predicted by the Motion of a Single Point on the Body of the Fruit Fly <i>Drosophila Melanogaster</i> . <i>Lecture Notes in Computer Science</i> , 2018, , 477-489.	1.0	5
122	Correlation between ranges of leg walking angles and passive rest angles among leg types in stick insects. <i>Current Biology</i> , 2022, 32, 2334-2340.e3.	1.8	5
123	Neuromuscular plasticity in the locust after permanent removal of an excitatory motoneuron of the extensor tibiae muscle. , 2000, 42, 148-159.		4
124	Controlling the “simple” descending signals from the brainstem command the sign of a stretch reflex in a vertebrate spinal cord. <i>Journal of Physiology</i> , 2017, 595, 625-626.	1.3	4
125	From injury to full repair: nerve regeneration and functional recovery in the common octopus, <i>Octopus vulgaris</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	4
126	A laser-supported lowerable surface setup to study the role of ground contact during stepping. <i>Journal of Neuroscience Methods</i> , 2013, 215, 224-233.	1.3	3

#	ARTICLE	IF	CITATIONS
127	Neuromodulation Can Be Simple: Myoinhibitory Peptide, Contained in Dedicated Regulatory Pathways, Is the Only Neurally-Mediated Peptide Modulator of Stick Insect Leg Muscle. <i>Journal of Neuroscience</i> , 2021, 41, 2911-2929.	1.7	3
128	Fiber-type distribution in insect leg muscles parallels similarities and differences in the functional role of insect walking legs. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 773-790.	0.7	2
129	Proprioception: Blurring the boundaries of central and peripheral control. <i>Current Biology</i> , 2021, 31, R444-R445.	1.8	2
130	Flexibility of a Proprioceptive Feedback System Results from its "Parliamentary" (Distributed) Organization. <i>Studies in Cognitive Systems</i> , 2000, , 267-286.	0.1	2
131	Hans-Joachim Pflüger: scientist, citizen, cosmopolitan. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 457-461.	0.7	2
132	Thorax-Segment- and Leg-Segment-Specific Motor Control for Adaptive Behavior. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	2
133	Ursachen der Katalepsie von Stabheuschrecken. <i>E-Neuroforum</i> , 1997, 3, 15-23.	0.2	1
134	Connecting the <i>micro</i> with the <i>macro</i> level in motor control: unravelling general sensory influences on leg stepping. <i>Journal of Physiology</i> , 2019, 597, 2971-2972.	1.3	1
135	Optical inactivation of a proprioceptor in an insect by non-genetic tools. <i>Journal of Neuroscience Methods</i> , 2021, 363, 109322.	1.3	1
136	Hans-Joachim Pflüger " scientist, citizen, cosmopolitan. <i>Neuroforum</i> , 2022, 28, 117-121.	0.2	1
137	Existence of a Long-Range Caudo-Rostral Sensory Influence in Terrestrial Locomotion. <i>Journal of Neuroscience</i> , 2022, 42, 4841-4851.	1.7	1
138	Editorial. <i>BioSystems</i> , 2017, 161, 1-2.	0.9	0
139	Nachruf auf Prof. Dr. Dr. h. c. mult. Franz Huber. <i>Neuroforum</i> , 2018, 24, 141-144.	0.2	0
140	<i>Drosophila</i> neuroscience: Unravelling the circuits of sensory-motor control in the fly. <i>Current Biology</i> , 2021, 31, R394-R396.	1.8	0
141	Network Architecture Producing Swing to Stance Transitions in an Insect Walking System. <i>Frontiers in Insect Science</i> , 2022, 2, .	0.9	0