

# 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

61984

43  
h-index

98798

67  
g-index

170  
all docs

170  
docs citations

170  
times ranked

2662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hans-Joachim PflÄ14gerÄ€ scientist, citizen, cosmopolitan. <i>Neuroforum</i> , 2022, 28, 117-121.	0.3	1
2	Network Architecture Producing Swing to Stance Transitions in an Insect Walking System. <i>Frontiers in Insect Science</i> , 2022, 2, .	2.1	0
3	Hans-Joachim PflÄ14ger: scientist, citizen, cosmopolitan. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 457-461.	1.6	2
4	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.	3.9	5
5	Thorax-Segment- and Leg-Segment-Specific Motor Control for Adaptive Behavior. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	2
6	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.	3.4	9
7	Existence of a Long-Range Caudo-Rostral Sensory Influence in Terrestrial Locomotion. <i>Journal of Neuroscience</i> , 2022, 42, 4841-4851.	3.6	1
8	Location and arrangement of campaniform sensilla in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , 2021, 529, 905-925.	1.6	27
9	Introduction to spasticity and related mouse models. <i>Experimental Neurology</i> , 2021, 335, 113491.	4.1	14
10	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.	3.6	3
11	<i>Drosophila</i> neuroscience: Unravelling the circuits ofÄsensory-motor control in the fly. <i>Current Biology</i> , 2021, 31, R394-R396.	3.9	0
12	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
13	Proprioception: Blurring the boundaries of central andÄperipheral control. <i>Current Biology</i> , 2021, 31, R444-R445.	3.9	2
14	Evaluation of force feedback in walking using joint torques as ÄœnaturalisticÄ•stimuli. <i>Journal of Neurophysiology</i> , 2021, 126, 227-248.	1.8	8
15	Optical inactivation of a proprioceptor in an insect by non-genetic tools. <i>Journal of Neuroscience Methods</i> , 2021, 363, 109322.	2.5	1
16	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.	1.8	7
17	Hypothalamic Pomc Neurons Innervate the Spinal Cord and Modulate the Excitability of Premotor Circuits. <i>Current Biology</i> , 2020, 30, 4579-4593.e7.	3.9	6
18	Two Brain Pathways Initiate Distinct Forward Walking Programs in <i>Drosophila</i> . <i>Neuron</i> , 2020, 108, 469-485.e8.	8.1	68

#	ARTICLE	IF	CITATIONS
19	Gradients in mechanotransduction of force and body weight in insects. <i>Arthropod Structure and Development</i> , 2020, 58, 100970.	1.4	14
20	Distributed control of motor circuits for backward walking in <i>Drosophila</i> . <i>Nature Communications</i> , 2020, 11, 6166.	12.8	37
21	Central pattern generating networks in insect locomotion. <i>Developmental Neurobiology</i> , 2020, 80, 16-30.	3.0	68
22	Unravelling intra- and intersegmental neuronal connectivity between central pattern generating networks in a multi-legged locomotor system. <i>PLoS ONE</i> , 2019, 14, e0220767.	2.5	8
23	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, .	1.7	4
24	Body side-specific changes in sensorimotor processing of movement feedback in a walking insect. <i>Journal of Neurophysiology</i> , 2019, 122, 2173-2186.	1.8	6
25	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.	2.9	1
26	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.	1.6	15
27	Descending control of locomotor circuits. <i>Current Opinion in Physiology</i> , 2019, 8, 94-98.	1.8	10
28	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.	3.9	193
29	A Brainstem Neural Substrate for Stopping Locomotion. <i>Journal of Neuroscience</i> , 2019, 39, 1044-1057.	3.6	43
30	Loss of miR-210 leads to progressive retinal degeneration in <i>Drosophila melanogaster</i> . <i>Life Science Alliance</i> , 2019, 2, e201800149.	2.8	16
31	Transcriptomic and Neuropeptidomic Analysis of the Stick Insect, <i>Carausius morosus</i> . <i>Journal of Proteome Research</i> , 2018, 17, 2192-2204.	3.7	40
32	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.	1.8	118
33	Nachruf auf Prof. Dr. Dr. h. c. mult. Franz Huber. <i>Neuroforum</i> , 2018, 24, 141-144.	0.3	0
34	Static stability predicts the continuum of interleg coordination patterns in <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	37
35	Calcium imaging of CPG-evoked activity in efferent neurons of the stick insect. <i>PLoS ONE</i> , 2018, 13, e0202822.	2.5	6
36	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.	1.3	5

#	ARTICLE	IF	CITATIONS
37	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.	1.8	17
38	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.	2.9	4
39	Editorial. <i>BioSystems</i> , 2017, 161, 1-2.	2.0	0
40	Nigral Glutamatergic Neurons Control the Speed of Locomotion. <i>Journal of Neuroscience</i> , 2017, 37, 9759-9770.	3.6	40
41	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.	1.8	42
42	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.	1.4	19
43	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.	1.6	2
44	A Specific Population of Reticulospinal Neurons Controls the Termination of Locomotion. <i>Cell Reports</i> , 2016, 15, 2377-2386.	6.4	70
45	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.	6.2	154
46	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.	1.7	46
47	Body side-specific control of motor activity during turning in a walking animal. <i>ELife</i> , 2016, 5, .	6.0	16
48	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
49	Neuronal control of walking: studies on insects. <i>E-Neuroforum</i> , 2015, 6, 105-112.	0.1	6
50	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.	1.8	13
51	Insect motor control: methodological advances, descending control and inter-leg coordination on the move. <i>Current Opinion in Neurobiology</i> , 2015, 33, 8-15.	4.2	27
52	Controlling legs for locomotion—insights from robotics and neurobiology. <i>Bioinspiration and Biomimetics</i> , 2015, 10, 041001.	2.9	71
53	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.	4.4	67
54	Cell dialysis by sharp electrodes can cause nonphysiological changes in neuron properties. <i>Journal of Neurophysiology</i> , 2015, 114, 1255-1271.	1.8	35

#	ARTICLE	IF	CITATIONS
55	Force feedback reinforces muscle synergies in insect legs. <i>Arthropod Structure and Development</i> , 2015, 44, 541-553.	1.4	27
56	A Leg-Local Neural Mechanism Mediates the Decision to Search in Stick Insects. <i>Current Biology</i> , 2015, 25, 2012-2017.	3.9	50
57	Positive force feedback in development of substrate grip in the stick insect tarsus. <i>Arthropod Structure and Development</i> , 2014, 43, 441-455.	1.4	29
58	Single perturbations cause sustained changes in searching behavior in stick insects. <i>Journal of Experimental Biology</i> , 2013, 216, 1064-74.	1.7	27
59	Inter-leg coordination in the control of walking speed in <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 480-91.	1.7	138
60	Network Modularity: Back to the Future in Motor Control. <i>Current Biology</i> , 2013, 23, R936-R938.	3.9	18
61	Directional specificity and encoding of muscle forces and loads by stick insect tibial campaniform sensilla, including receptors with round cuticular caps. <i>Arthropod Structure and Development</i> , 2013, 42, 455-467.	1.4	36
62	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.	2.5	3
63	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.	2.5	18
64	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.	2.5	22
65	Force encoding in stick insect legs delineates a reference frame for motor control. <i>Journal of Neurophysiology</i> , 2012, 108, 1453-1472.	1.8	63
66	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.	1.8	58
67	Using individual-muscle specific instead of across-muscle mean data halves muscle simulation error. <i>Biological Cybernetics</i> , 2012, 106, 573-585.	1.3	18
68	Hill-type muscle model parameters determined from experiments on single muscles show large animal-to-animal variation. <i>Biological Cybernetics</i> , 2012, 106, 559-571.	1.3	28
69	Determining all parameters necessary to build Hill-type muscle models from experiments on single muscles. <i>Biological Cybernetics</i> , 2012, 106, 543-558.	1.3	31
70	Lessons for circuit function from large insects: towards understanding the neural basis of motor flexibility. <i>Current Opinion in Neurobiology</i> , 2012, 22, 602-608.	4.2	34
71	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
72	Neuronal Basis of Innate Olfactory Attraction to Ethanol in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e52007.	2.5	47

#	ARTICLE	IF	CITATIONS
73	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.	2.7	43
74	New Moves in Motor Control. <i>Current Biology</i> , 2011, 21, R513-R524.	3.9	102
75	Deriving neural network controllers from neuro-biological data: implementation of a single-leg stick insect controller. <i>Biological Cybernetics</i> , 2011, 104, 95-119.	1.3	41
76	From neuron to behavior: dynamic equation-based prediction of biological processes in motor control. <i>Biological Cybernetics</i> , 2011, 105, 71-88.	1.3	43
77	Dominance of local sensory signals over inter-segmental effects in a motor system: experiments. <i>Biological Cybernetics</i> , 2011, 105, 399-411.	1.3	27
78	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.	1.6	66
79	Initiation of Locomotion in Adult Zebrafish. <i>Journal of Neuroscience</i> , 2011, 31, 8422-8431.	3.6	68
80	Cholinergic Currents in Leg Motoneurons of <i>Carausius morosus</i> . <i>Journal of Neurophysiology</i> , 2010, 103, 2770-2782.	1.8	20
81	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.	1.8	59
82	Control of Stepping Velocity in the Stick Insect <i>Carausius morosus</i> . <i>Journal of Neurophysiology</i> , 2009, 102, 1180-1192.	1.8	21
83	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.	3.6	93
84	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.	3.6	103
85	Premotor Interneurons in the Local Control of Stepping Motor Output for the Stick Insect Single Middle Leg. <i>Journal of Neurophysiology</i> , 2009, 102, 1956-1975.	1.8	29
86	Straight walking and turning on a slippery surface. <i>Journal of Experimental Biology</i> , 2009, 212, 194-209.	1.7	47
87	Organizing network action for locomotion: Insights from studying insect walking. <i>Brain Research Reviews</i> , 2008, 57, 162-171.	9.0	144
88	Activity of neuromodulatory neurones during stepping of a single insect leg. <i>Journal of Insect Physiology</i> , 2008, 54, 51-61.	2.0	23
89	Neuronal Substrates for State-Dependent Changes in Coordination between Motoneuron Pools during Fictive Locomotion in the Lamprey Spinal Cord. <i>Journal of Neuroscience</i> , 2008, 28, 868-879.	3.6	30
90	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.	3.6	98

#	ARTICLE	IF	CITATIONS
91	Different Motor Neuron Spike Patterns Produce Contractions With Very Similar Rises in Graded Slow Muscles. <i>Journal of Neurophysiology</i> , 2007, 97, 1428-1444.	1.8	25
92	Mechanosensory Feedback in Walking: From Joint Control to Locomotor Patterns. <i>Advances in Insect Physiology</i> , 2007, 34, 193-230.	2.7	54
93	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.	1.7	73
94	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.	1.8	51
95	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
96	Slow Temporal Filtering May Largely Explain the Transformation of Stick Insect (<i>Carausius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 2007, 98, 1718-1732.	1.8	26
97	Adaptive motor behavior in insects. <i>Current Opinion in Neurobiology</i> , 2007, 17, 629-636.	4.2	80
98	Assessing sensory function in locomotor systems using neuro-mechanical simulations. <i>Trends in Neurosciences</i> , 2006, 29, 625-631.	8.6	125
99	Load Signals Assist the Generation of Movement-Dependent Reflex Reversal in the Femurâ€“Tibia Joint of Stick Insects. <i>Journal of Neurophysiology</i> , 2006, 96, 3532-3537.	1.8	36
100	Natural Neural Output That Produces Highly Variable Locomotory Movements. <i>Journal of Neurophysiology</i> , 2006, 96, 2072-2088.	1.8	31
101	Activity of fin muscles and fin motoneurons during swimming motor pattern in the lamprey. <i>European Journal of Neuroscience</i> , 2006, 23, 2012-2026.	2.6	13
102	Tethered stick insect walking: A modified slippery surface setup with optomotor stimulation and electrical monitoring of tarsal contact. <i>Journal of Neuroscience Methods</i> , 2006, 158, 195-206.	2.5	36
103	Intersegmental transfer of sensory signals in the stick insect leg muscle control system. <i>Journal of Neurobiology</i> , 2006, 66, 1253-1269.	3.6	19
104	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
105	Sensory Control and Organization of Neural Networks Mediating Coordination of Multisegmental Organs for Locomotion. <i>Journal of Neurophysiology</i> , 2005, 93, 1127-1135.	1.8	199
106	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
107	Load sensing and control of posture and locomotion. <i>Arthropod Structure and Development</i> , 2004, 33, 273-286.	1.4	162
108	Dynamic simulation of insect walking. <i>Arthropod Structure and Development</i> , 2004, 33, 287-300.	1.4	126

#	ARTICLE	IF	CITATIONS
109	Signals From Load Sensors Underlie Interjoint Coordination During Stepping Movements of the Stick Insect Leg. <i>Journal of Neurophysiology</i> , 2004, 92, 42-51.	1.8	96
110	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.	3.6	7
111	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
112	Interjoint Coordination in the Stick Insect Leg-Control System: The Role of Positional Signaling. <i>Journal of Neurophysiology</i> , 2003, 89, 1245-1255.	1.8	56
113	Activity-Dependent Sensitivity of Proprioceptive Sensory Neurons in the Stick Insect Femoral Chordotonal Organ. <i>Journal of Neurophysiology</i> , 2002, 88, 2387-2398.	1.8	10
114	The locust tegula: kinematic parameters and activity pattern during the wing stroke. <i>Journal of Experimental Biology</i> , 2002, 205, 1531-45.	1.7	7
115	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
116	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.	1.8	19
117	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
118	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.	1.8	98
119	Neuromuscular plasticity in the locust after permanent removal of an excitatory motoneuron of the extensor tibiae muscle. , 2000, 42, 148-159.		4
120	Flexibility of a Proprioceptive Feedback System Results from its "Parliamentary" (Distributed) Organization. <i>Studies in Cognitive Systems</i> , 2000, , 267-286.	0.1	2
121	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.	1.8	80
122	Phase-Dependent Presynaptic Modulation of Mechanosensory Signals in the Locust Flight System. <i>Journal of Neurophysiology</i> , 1999, 81, 959-962.	1.8	19
123	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.	2.2	40
124	Pattern generation for stick insect walking movements "multisensory control of a locomotor program. <i>Brain Research Reviews</i> , 1998, 27, 65-88.	9.0	238
125	Sensory pathways and their modulation in the control of locomotion. <i>Current Opinion in Neurobiology</i> , 1998, 8, 733-739.	4.2	120
126	Ursachen der Katalepsie von Stabheuschrecken. <i>E-Neuroforum</i> , 1997, 3, 15-23.	0.1	1



#	ARTICLE	IF	CITATIONS
127	Plasticity of Synaptic Connections in Sensory-Motor Pathways of the Adult Locust Flight System. <i>Journal of Neurophysiology</i> , 1997, 78, 1276-1284.	1.8	35
128	Dynamic Synaptic Arrangement in Sensory-Motor Pathways of the Adult Locust Flight System. <i>Die Naturwissenschaften</i> , 1997, 84, 234-237.	1.6	6
129	Sensorimotor pathways involved in interjoint reflex action of an insect leg. <i>Journal of Neurobiology</i> , 1997, 33, 891-913.	3.6	46
130	Premotor interneurons in generation of adaptive leg reflexes and voluntary movements in stick insects. , 1996, 31, 512-531.		27
131	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.	3.6	70
132	Octopamine effects mimick state-dependent changes in a proprioceptive feedback system. <i>Journal of Neurobiology</i> , 1993, 24, 598-610.	3.6	21
133	Reorganization of sensory regulation of locust flight after partial deafferentation. <i>Journal of Neurobiology</i> , 1992, 23, 31-43.	3.6	33
134	Connections of the forewing tegulae in the locust flight system and their modification following partial deafferentation. <i>Journal of Neurobiology</i> , 1992, 23, 44-60.	3.6	33
135	Nonspiking pathways antagonize the resistance reflex in the thoraco-coxal joint of stick insects. <i>Journal of Neurobiology</i> , 1991, 22, 224-237.	3.6	55
136	Intracellular recordings from nonspiking interneurons in a semiintact, tethered walking insect. <i>Journal of Neurobiology</i> , 1991, 22, 907-921.	3.6	27
137	Oil and Hook Electrodes for en Passant Recording from Small Nerves. <i>Methods in Neurosciences</i> , 1991, 4, 266-278.	0.5	13
138	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.	1.7	27
139	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.	1.7	80
140	Processing of Sensory Input From the Femoral Chordotonal Organ by Spiking Interneurones of Stick Insects. <i>Journal of Experimental Biology</i> , 1989, 144, 81-111.	1.7	59
141	An improved electrode design for en passant recording from small nerves. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1988, 91, 769-772.	0.6	55