Christian Wegener

List of Publications by Year
in descending order

59 papers	2,683 citations	218592 26 h-index	197736 49 g-index
69 all docs	69 docs citations	69 times ranked	2370 citing authors

#	Article	IF	Citations
1	Adaptation of Drosophila melanogaster to Long Photoperiods of High-Latitude Summers Is Facilitated by the ls-Timeless Allele. Journal of Biological Rhythms, 2022, 37, 185-201.	1.4	12
2	Natural Zeitgebers Under Temperate Conditions Cannot Compensate for the Loss of a Functional Circadian Clock in Timing of a Vital Behavior in Drosophila. Journal of Biological Rhythms, 2021, 36, 271-285.	1.4	3
3	Transcriptomic, peptidomic, and mass spectrometry imaging analysis of the brain in the ant Cataglyphis nodus. Journal of Neurochemistry, 2021, 158, 391-412.	2.1	21
4	A neuroendocrine pathway modulating osmotic stress in Drosophila. PLoS Genetics, 2021, 17, e1009425.	1.5	31
5	Endocrine signals fine-tune daily activity patterns in Drosophila. Current Biology, 2021, 31, 4076-4087.e5.	1.8	7
6	Loss of function in the Drosophila clock gene period results in altered intermediary lipid metabolism and increased susceptibility to starvation. Cellular and Molecular Life Sciences, 2020, 77, 4939-4956.	2.4	19
7	Reward signaling in a recurrent circuit of dopaminergic neurons and peptidergic Kenyon cells. Nature Communications, 2019, 10, 3097.	5.8	34
8	Drosophila carboxypeptidase D (<scp>SILVER</scp>) is a key enzyme in neuropeptide processing required to maintain locomotor activity levels and survival rate. European Journal of Neuroscience, 2019, 50, 3502-3519.	1.2	5
9	ER-Ca2+ sensor STIM regulates neuropeptides required for development under nutrient restriction in Drosophila. PLoS ONE, 2019, 14, e0219719.	1.1	9
10	Peptidergic signaling from clock neurons regulates reproductive dormancy in Drosophila melanogaster. PLoS Genetics, 2019, 15, e1008158.	1.5	52
11	Title is missing!. , 2019, 14, e0219719.		0
12	Title is missing!. , 2019, 14, e0219719.		0
13	Metabolic Labeling to Quantify Drosophila Neuropeptides and Peptide Hormones. Methods in Molecular Biology, 2018, 1719, 175-185.	0.4	3
14	Anatomical characterization of PDFâ€ri neurons and peptidergic neurons associated with eclosion behavior in Drosophila. Journal of Comparative Neurology, 2018, 526, 1307-1328.	0.9	12
15	Neuropeptidomics of the Bed BugCimex lectularius. Journal of Proteome Research, 2018, 17, 440-454.	1.8	35
16	Central and peripheral clocks are coupled by a neuropeptide pathway in Drosophila. Nature Communications, 2017, 8, 15563.	5.8	90
17	SIFamide Translates Hunger Signals into Appetitive and Feeding Behavior in Drosophila. Cell Reports, 2017, 20, 464-478.	2.9	78
18	Neuropeptides in the desert ant Cataglyphis fortis: Mass spectrometric analysis, localization, and ageâ€related changes. Journal of Comparative Neurology, 2017, 525, 901-918.	0.9	15

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19	WEclMon â€“ A simple and robust camera-based system to monitor Drosophila eclosion under optogenetic manipulation and natural conditions. PLoS ONE, 2017, 12, e0180238.	1.1	7
20	Allatostatin A Signalling in Drosophila Regulates Feeding and Sleep and Is Modulated by PDF. PLoS Genetics, 2016, 12, e1006346.	1.5	102
21	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. Nature Communications, 2016, 7, 10165.	5.8	184
22	Stereotyped responses of Drosophila peptidergic neuronal ensemble depend on downstream neuromodulators. ELife, 2016, 5, .	2.8	34
23	Neuropeptidomics of the Carpenter Ant Camponotus floridanus. Journal of Proteome Research, 2015, 14, 1504-1514.	1.8	47
24	Potency of Transgenic Effectors for Neurogenetic Manipulation in Drosophila Larvae. Genetics, 2015, 199, 25-37.	1.2	32
25	Chemical identity, function and regulation of enteroendocrine peptides in insects. Current Opinion in Insect Science, 2015, 11, 8-13.	2.2	32
26	Identification and distribution of SIFamide in the nervous system of the desert locust Schistocerca gregaria. Journal of Comparative Neurology, 2015, 523, 108-125.	0.9	28
27	Peptidomics and processing of regulatory peptides in the fruit fly Drosophila. EuPA Open Proteomics, 2014, 3, 114-127.	2.5	46
28	Identification and Structural Characterization of Interneurons of the Drosophila Brain by Monoclonal Antibodies of the WÃ¼rzburg Hybridoma Library. PLoS ONE, 2013, 8, e75420.	1.1	4
29	Diverse in- and output polarities and high complexity of local synaptic and non-synaptic signaling within a chemically defined class of peptidergic Drosophila neurons. Frontiers in Neural Circuits, 2013, 7, 127.	1.4	11
30	Functional significance of the copper transporter ATP7 in peptidergic neurons and endocrine cells in Drosophila melanogaster. FEBS Letters, 2012, 586, 3633-3638.	1.3	17
31	Peptidomics of the Agriculturally Damaging Larval Stage of the Cabbage Root Fly Delia radicum (Diptera: Anthomyiidae). PLoS ONE, 2012, 7, e41543.	1.1	42
32	Peptidomics and Peptide Hormone Processing in theDrosophilaMidgut. Journal of Proteome Research, 2011, 10, 1881-1892.	1.8	95
33	A comparative review of short and long neuropeptide F signaling in invertebrates: Any similarities to vertebrate neuropeptide Y signaling?. Peptides, 2011, 32, 1335-1355.	1.2	271
34	Deficiency of prohormone convertase dPC2 (AMONTILLADO) results in impaired production of bioactive neuropeptide hormones in Drosophila. Journal of Neurochemistry, 2011, 118, 581-595.	2.1	32
35	Individual carboxypeptidase D domains have both redundant and unique functions in Drosophila development and behavior. Cellular and Molecular Life Sciences, 2010, 67, 2991-3004.	2.4	17
36	The Proprotein Convertase Encoded by amontillado (amon) Is Required in Drosophila Corpora Cardiaca Endocrine Cells Producing the Glucose Regulatory Hormone AKH. PLoS Genetics, 2010, 6, e1000967.	1.5	39

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37	Direct Peptide Profiling of Brain Tissue by MALDI-TOF Mass Spectrometry. Methods in Molecular Biology, 2010, 615, 129-135.	0.4	13
38	Direct MALDI-TOF Mass Spectrometric Peptide Profiling of Neuroendocrine Tissue of Drosophila. Methods in Molecular Biology, 2010, 615, 117-127.	0.4	18
39	A large population of diverse neurons in the Drosophilacentral nervous system expresses short neuropeptide F, suggesting multiple distributed peptide functions. BMC Neuroscience, 2008, 9, 90.	0.8	136
40	Molecular evolution of neuropeptides in the genus Drosophila. Genome Biology, 2008, 9, R131.	13.9	66
41	Neuroarchitecture of Aminergic Systems in the Larval Ventral Ganglion of Drosophila melanogaster. PLoS ONE, 2008, 3, e1848.	1.1	53
42	Comparative Neuroanatomy and Genomics ofhuginand Pheromone Biosynthesis Activating Neuropeptide (PBAN). Fly, 2007, 1, 228-231.	0.9	24
43	Neuroarchitecture of Peptidergic Systems in the Larval Ventral Ganglion of Drosophila melanogaster. PLoS ONE, 2007, 2, e695.	1.1	58
44	Direct peptide profiling of lateral cell groups of the antennal lobes ofManduca sextareveals specific composition and changes in neuropeptide expression during development. Developmental Neurobiology, 2007, 67, 764-777.	1.5	25
45	Neurotransmitter-induced changes in the intracellular calcium concentration suggest a differential central modulation of CCAP neuron subsets inDrosophila. Developmental Neurobiology, 2007, 67, 792-808.	1.5	26
46	A simple purification protocol for the detection of peptide hormones in the hemolymph of individual insects by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 23-28.	0.7	18
47	Direct mass spectrometric peptide profiling and fragmentation of larval peptide hormone release sites inDrosophila melanogasterreveals tagma-specific peptide expression and differential processing. Journal of Neurochemistry, 2006, 96, 1362-1374.	2.1	104
48	Morphology and metamorphosis of the peptidergic Va neurons and the median nerve system of the fruit fly, Drosophila melanogaster. Cell and Tissue Research, 2006, 326, 187-199.	1.5	37
49	Biology of the CAPA peptides in insects. Cellular and Molecular Life Sciences, 2006, 63, 2477-2490.	2.4	158
50	Chronobiological analysis and mass spectrometric characterization of pigment-dispersing factor in the cockroach Leucophaea maderae. Journal of Insect Science, 2005, 5, 43.	0.6	11
51	GABA modulatesDrosophila circadian clock neurons via GABAB receptors and decreases in calcium. Journal of Neurobiology, 2005, 65, 225-240.	3.7	76
52	Acetylcholine Increases Intracellular Ca2+ Via Nicotinic Receptors in Cultured PDF-Containing Clock Neurons of Drosophila. Journal of Neurophysiology, 2004, 91, 912-923.	0.9	80
53	Peptidomics of CNS-associated neurohemal systems of adultDrosophila melanogaster: A mass spectrometric survey of peptides from individual flies. Journal of Comparative Neurology, 2004, 474, 379-392.	0.9	170
54	The periviscerokinin (PVK) peptide family in insects: evidence for the inclusion of CAP2b as a PVK family member. Peptides, 2002, 23, 605-611.	1.2	48

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55	Periviscerokinins in Cockroaches: Release, Localization, and Taxon-Specific Action on the Hyperneural Muscle. General and Comparative Endocrinology, 2001, 121, 1-12.	0.8	17
56	Peptide-Induced Ca2+ Movements in a Tonic Insect Muscle: Effects of Proctolin and Periviscerokinin-2. Journal of Neurophysiology, 2000, 84, 3056-3066.	0.9	35
57	Quantification of periviscerokinin-1 in the nervous system of the American cockroach,Periplaneta americana: An insect neuropeptide with unusual distribution. Archives of Insect Biochemistry and Physiology, 1999, 40, 203-211.	0.6	14
58	PrÃdation an der Weichwanzen-Art Notostira elongata (Heteroptera: Miridae) durch Nabidae (Heteroptera) und ausgewÃhlte nicht-netzbauende Spinnen (Araneae). Entomologia Generalis, 1998, 22, 295-304.	1.1	3
59	Allatostatin A Signalling: Progress and New Challenges From a Paradigmatic Pleiotropic Invertebrate Neuropeptide Family. Frontiers in Physiology, 0, 13, .	1.3	3