Dick R NÃ¤ssel

List of Publications by Year
in descending order

174 papers	11,528 citations	16451 64 h-index	38395 95 g-index
192 all docs	192 docs citations	192 times ranked	5181 citing authors

#	Article	IF	Citations
1	Drosophila neuropeptides in regulation of physiology and behavior. Progress in Neurobiology, 2010, 92, 42-104.	5.7	442
2	Neuropeptides in the nervous system of Drosophila and other insects: multiple roles as neuromodulators and neurohormones. Progress in Neurobiology, 2002, 68, 1-84.	5.7	429
3	A Presynaptic Gain Control Mechanism Fine-Tunes Olfactory Behavior. Neuron, 2008, 59, 311-321.	8.1	309
4	A comparative review of short and long neuropeptide F signaling in invertebrates: Any similarities to vertebrate neuropeptide Y signaling?. Peptides, 2011, 32, 1335-1355.	2.4	271
5	Insulin/IGF signaling in Drosophila and other insects: factors that regulate production, release and post-release action of the insulin-like peptides. Cellular and Molecular Life Sciences, 2016, 73, 271-290.	5.4	269
6	Recent advances in neuropeptide signaling in Drosophila, from genes to physiology and behavior. Progress in Neurobiology, 2019, 179, 101607.	5.7	243
7	Factors that regulate insulin producing cells and their output in Drosophila. Frontiers in Physiology, 2013, 4, 252.	2.8	211
8	Peptidergic clock neurons in Drosophila: Ion transport peptide and short neuropeptide F in subsets of dorsal and ventral lateral neurons. Journal of Comparative Neurology, 2009, 516, 59-73.	1.6	181
9	Tachykinin-related peptides in invertebrates: a review. Peptides, 1999, 20, 141-158.	2.4	170
10	Insulin/IGF signaling and its regulation in Drosophila. General and Comparative Endocrinology, 2015, 221, 255-266.	1.8	167
11	Neuropeptides in the insect brain: a review. Cell and Tissue Research, 1993, 273, 1-29.	2.9	164
12	Neuropeptides in interneurons of the insect brain. Cell and Tissue Research, 2006, 326, 1-24.	2.9	164
13	Presynaptic peptidergic modulation of olfactory receptor neurons in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13070-13075.	7.1	160
14	The Sleeping Beauty: How Reproductive Diapause Affects Hormone Signaling, Metabolism, Immune Response and Somatic Maintenance in Drosophila melanogaster. PLoS ONE, 2014, 9, e113051.	2.5	150
15	Common design in a unique midline neuropil in the brains of arthropods. Arthropod Structure and Development, 2002, 31, 77-91.	1.4	142
16	Expression and Functional Characterization of aDrosophila Neuropeptide Precursor with Homology to Mammalian Preprotachykinin A. Journal of Biological Chemistry, 2000, 275, 23273-23280.	3.4	139
17	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.	1.9	136
18	Pigment-dispersing hormone-like peptide in the nervous system of the fliesPhormiaandDrosophila: Immunocytochemistry and partial characterization. Journal of Comparative Neurology, 1993, 331, 183-198.	1.6	125

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19	Segmental peptidergic innervation of abdominal targets in larval and adult dipteran insects revealed with an antiserum against leucokinin I. Cell and Tissue Research, 1992, 269, 459-471.	2.9	124
20	Histamine in the brain of insects: a review. Microscopy Research and Technique, 1999, 44, 121-136.	2.2	123
21	The Neuropeptide Allatostatin A Regulates Metabolism and Feeding Decisions in Drosophila. Scientific Reports, 2015, 5, 11680.	3.3	121
22	Insulin-Producing Cells in the Drosophila Brain also Express Satiety-Inducing Cholecystokinin-Like Peptide, Drosulfakinin. Frontiers in Endocrinology, 2012, 3, 109.	3.5	120
23	Multiple neuropeptides in the Drosophila antennal lobe suggest complex modulatory circuits. Journal of Comparative Neurology, 2010, 518, 3359-3380.	1.6	119
24	Identification of Drosophila Neuropeptide Receptors by G Protein-coupled Receptors-Î²-Arrestin2 Interactions. Journal of Biological Chemistry, 2003, 278, 52172-52178.	3.4	117
25	Massive diurnally modulated photoreceptor membrane turnover in crab light and dark adaptation. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1979, 131, 205-216.	1.6	116
26	Identified peptidergic neurons in the Drosophila brain regulate insulin-producing cells, stress responses and metabolism by coexpressed short neuropeptide F and corazonin. Cellular and Molecular Life Sciences, 2012, 69, 4051-4066.	5.4	111
27	Glutamate, GABA and Acetylcholine Signaling Components in the Lamina of the Drosophila Visual System. PLoS ONE, 2008, 3, e2110.	2.5	107
28	Neurons in the cockroach nervous system reacting with antisera to the neuropeptide leucokinin I. Journal of Comparative Neurology, 1992, 322, 45-67.	1.6	106
29	Systemic corazonin signalling modulates stress responses and metabolism inDrosophila. Open Biology, 2016, 6, 160152.	3.6	104
30	Molecular Cloning, Genomic Organization, and Expression of a B-Type (Cricket-Type) Allatostatin Preprohormone from Drosophila melanogaster. Biochemical and Biophysical Research Communications, 2001, 281, 544-550.	2.1	103
31	Intrinsic neurons of Drosophila mushroom bodies express short neuropeptide F: Relations to extrinsic neurons expressing different neurotransmitters. Journal of Comparative Neurology, 2008, 507, 1479-1496.	1.6	101
32	Insulin-producing cells in the brain of adult Drosophila are regulated by the serotonin 5-HT1A receptor. Cellular and Molecular Life Sciences, 2012, 69, 471-484.	5.4	100
33	Pigment-dispersing hormone-immunoreactive neurons and their relation to serotonergic neurons in the blowfly and cockroach visual system. Cell and Tissue Research, 1991, 266, 511-523.	2.9	99
34	Insect myotropic peptides: differential distribution of locustatachykinin- and leucokinin-like immunoreactive neurons in the locust brain. Cell and Tissue Research, 1993, 274, 27-40.	2.9	99
35	The Serotonin 5-HT7Dro Receptor Is Expressed in the Brain of Drosophila, and Is Essential for Normal Courtship and Mating. PLoS ONE, 2011, 6, e20800.	2.5	96
36	Î³â€Aminobutyric acid (GABA) signaling components in Drosophila: Immunocytochemical localization of GABA_B receptors in relation to the GABA_A receptor subunit RDL and a vesicular GABA transporter. Journal of Comparative Neurology, 2007, 505, 18-31.	1.6	95

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37	Slowed aging during reproductive dormancy is reflected in genome-wide transcriptome changes in Drosophila melanogaster. BMC Genomics, 2016, 17, 50.	2.8	95
38	DINeR: Database for Insect Neuropeptide Research. Insect Biochemistry and Molecular Biology, 2017, 86, 9-19.	2.7	95
39	Visual orientation behaviour of flies after selective laser beam ablation of interneurones. Nature, 1981, 293, 398-399.	27.8	92
40	Neuropeptide signaling near and far: how localized and timed is the action of neuropeptides in brain circuits?. Invertebrate Neuroscience, 2009, 9, 57-75.	1.8	91
41	Molecular Cloning, Genomic Organization, and Expression of a C-Type (Manduca sexta-Type) Allatostatin Preprohormone from Drosophila melanogaster. Biochemical and Biophysical Research Communications, 2001, 282, 124-130.	2.1	89
42	Widely distributedDrosophila G-protein-coupled receptor (CG7887) is activated by endogenous tachykinin-related peptides. Journal of Neurobiology, 2006, 66, 33-46.	3.6	89
43	Structure, distribution, and biological activity of novel members of the allatostatin family in the crayfish Orconectes limosus. Peptides, 1999, 20, 695-712.	2.4	87
44	Glutamate and its metabotropic receptor in Drosophila clock neuron circuits. Journal of Comparative Neurology, 2007, 505, 32-45.	1.6	87
45	Drosophila insulin-like peptide 1 (DILP1) is transiently expressed during non-feeding stages and reproductive dormancy. Scientific Reports, 2016, 6, 26620.	3.3	86
46	Substance P-, FMRFamide-, and gastrin/cholecystokinin-like immunoreactive neurons in the thoraco-abdominal ganglia of the fliesDrosophilaandCalliphora. Journal of Comparative Neurology, 1990, 294, 161-178.	1.6	82
47	Regulation of insulin-producing cells in the adult Drosophila brain via the tachykinin peptide receptor DTKR. Journal of Experimental Biology, 2011, 214, 4201-4208.	1.7	82
48	Tachykinins: Neuropeptides That Are Ancient, Diverse, Widespread and Functionally Pleiotropic. Frontiers in Neuroscience, 2019, 13, 1262.	2.8	82
49	Mapping of serotonin, dopamine, and histamine in relation to different clock neurons in the brain ofDrosophila. Journal of Comparative Neurology, 2006, 494, 314-330.	1.6	81
50	Metabolic Stress Responses in Drosophila Are Modulated by Brain Neurosecretory Cells That Produce Multiple Neuropeptides. PLoS ONE, 2010, 5, e11480.	2.5	81
51	Substrates for Neuronal Cotransmission With Neuropeptides and Small Molecule Neurotransmitters in Drosophila. Frontiers in Cellular Neuroscience, 2018, 12, 83.	3.7	81
52	Evidence that locustatachykinin I is involved in release of adipokinetic hormone from locust corpora cardiaca. Regulatory Peptides, 1995, 57, 297-310.	1.9	80
53	Acetylcholine Increases Intracellular Ca2+ Via Nicotinic Receptors in Cultured PDF-Containing Clock Neurons of Drosophila. Journal of Neurophysiology, 2004, 91, 912-923.	1.8	80
54	Drosophila Insulin-Producing Cells Are Differentially Modulated by Serotonin and Octopamine Receptors and Affect Social Behavior. PLoS ONE, 2014, 9, e99732.	2.5	80

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55	Characterization and distribution of NKD, a receptor for Drosophila tachykinin-related peptide 6. Peptides, 2009, 30, 545-556.	2.4	78
56	GABA modulatesDrosophila circadian clock neurons via GABAB receptors and decreases in calcium. Journal of Neurobiology, 2005, 65, 225-240.	3.6	76
57	Mapping and ultrastructure of serotonin-immunoreactive neurons in the optic lobes of three insect species. Journal of Comparative Neurology, 1985, 232, 190-204.	1.6	75
58	Identification and characterization of a G protein-coupled receptor for the neuropeptide proctolin in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6198-6203.	7.1	75
59	Ion transport peptide splice forms in central and peripheral neurons throughout postembryogenesis of Drosophila melanogaster. Journal of Comparative Neurology, 2008, 509, 23-41.	1.6	75
60	Insulin Production and Signaling in Renal Tubules of Drosophila Is under Control of Tachykinin-Related Peptide and Regulates Stress Resistance. PLoS ONE, 2011, 6, e19866.	2.5	75
61	Neuronal expression of tachykinin-related peptides and gene transcript during postembryonic development ofDrosophila. Journal of Comparative Neurology, 2003, 464, 180-196.	1.6	74
62	Insulin Signaling, Lifespan and Stress Resistance Are Modulated by Metabotropic GABA Receptors on Insulin Producing Cells in the Brain of Drosophila. PLoS ONE, 2010, 5, e15780.	2.5	73
63	A single pair of leucokinin neurons are modulated by feeding state and regulate sleepâ€“metabolism interactions. PLoS Biology, 2019, 17, e2006409.	5.6	71
64	Neuropeptide Signaling in Insects. Advances in Experimental Medicine and Biology, 2010, 692, 155-165.	1.6	69
65	Ultrastructural demonstration of serotonin-immunoreactivity in the nervous system of an insect (Calliphora erythrocephala). Neuroscience Letters, 1984, 48, 203-210.	2.1	68
66	Locustatachykinin immunoreactivity in the blowfly central nervous system and intestine. Journal of Comparative Neurology, 1994, 341, 225-240.	1.6	68
67	Serotonin and insulinâ€like peptides modulate leucokininâ€producing neurons that affect feeding and water homeostasis in Drosophila. Journal of Comparative Neurology, 2015, 523, 1840-1863.	1.6	68
68	Proctolin-like immunoreactive neurons in the blowfly central nervous system. Journal of Comparative Neurology, 1987, 265, 437-454.	1.6	67
69	Feeding regulates sex pheromone attraction and courtship in Drosophila females. Scientific Reports, 2015, 5, 13132.	3.3	66
70	Isolation of five tachykinin-related peptides from the midgut of the cockroach Leucophaea maderae: existence of N-terminally extended isoforms. Regulatory Peptides, 1996, 65, 185-196.	1.9	64
71	Metamorphosis of identified neurons innervating thoracic neurohemal organs in the blowfly: Transformation of cholecystokininlike immunoreactive neurons. Journal of Comparative Neurology, 1988, 267, 343-356.	1.6	62
72	Distribution of metabotropic receptors of serotonin, dopamine, GABA, glutamate, and short neuropeptide F in the central complex of Drosophila. Neuroscience, 2012, 208, 11-26.	2.3	61

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73	Modulation of Drosophila post-feeding physiology and behavior by the neuropeptide leucokinin. PLoS Genetics, 2018, 14, e1007767.	3.5	60
74	Neuroarchitecture of Peptidergic Systems in the Larval Ventral Ganglion of Drosophila melanogaster. PLoS ONE, 2007, 2, e695.	2.5	58
75	Allatotropin-like neuropeptide in the cockroach abdominal nervous system: Myotropic actions, sexually dimorphic distribution and colocalization with serotonin. Journal of Comparative Neurology, 2000, 428, 159-173.	1.6	57
76	The thirsty fly: Ion transport peptide (ITP) is a novel endocrine regulator of water homeostasis in Drosophila. PLoS Genetics, 2018, 14, e1007618.	3.5	57
77	Callitachykinin I and II, two novel myotropic peptides isolated from the blowfly, Calliphora vomitoria, that have resemblances to tachykinins. Peptides, 1994, 15, 761-768.	2.4	55
78	Food odors trigger an endocrine response that affects food ingestion and metabolism. Cellular and Molecular Life Sciences, 2015, 72, 3143-3155.	5.4	55
79	Hormonal axes in Drosophila: regulation of hormone release and multiplicity of actions. Cell and Tissue Research, 2020, 382, 233-266.	2.9	54
80	Postembryonic development of corazoninâ€containing neurons and neurosecretory cells in the blowfly, Phormia terraenovae. Journal of Comparative Neurology, 1994, 350, 559-572.	1.6	53
81	Functional roles of neuropeptides in the insect central nervous system. Die Naturwissenschaften, 2000, 87, 439-449.	1.6	52
82	Tachykinin-Related Peptide and GABA-Mediated Presynaptic Inhibition of Crayfish Photoreceptors. Journal of Neuroscience, 2000, 20, 1780-1790.	3.6	52
83	The distribution of a kinin-like peptide and its co-localization with a CRF-like peptide in the blood-feeding bug, Rhodnius prolixusâ˜†. Peptides, 2001, 22, 161-173.	2.4	52
84	Single-Cell Peptidomics ofDrosophila melanogasterNeurons Identified by Gal4-Driven Fluorescence. Analytical Chemistry, 2007, 79, 3690-3694.	6.5	52
85	GABAB receptors play an essential role in maintaining sleep during the second half of the night in Drosophila melanogaster. Journal of Experimental Biology, 2013, 216, 3837-3843.	1.7	52
86	Visual processing of moving single objects and wide-field patterns in flies: Behavioural analysis after laser-surgical removal of interneurons. Biological Cybernetics, 1982, 44, 141-149.	1.3	51
87	Drosophila insulinâ€like peptide dilp1 increases lifespan and glucagonâ€like Akh expression epistatic to dilp2. Aging Cell, 2019, 18, e12863.	6.7	51
88	Types and arrangements of neurons in the crayfish optic lamina. Cell and Tissue Research, 1977, 179, 45-75.	2.9	51
89	Insect tachykinin-like peptide: Distribution of leucokinin immunoreactive neurons in the cockroach and blowfly brains. Neuroscience Letters, 1991, 130, 225-228.	2.1	50
90	Pigment-dispersing factor in the locust abdominal ganglia may have roles as circulating neurohormone and central neuromodulator. Journal of Neurobiology, 2001, 48, 19-41.	3.6	49

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91	Neuropeptides in modulation of Drosophila behavior: how to get a grip on their pleiotropic actions. Current Opinion in Insect Science, 2019, 36, 1-8.	4.4	49
92	Identification of a proctolin preprohormone gene (Proct) ofDrosophila melanogaster: Expression and predicted prohormone processing. Journal of Neurobiology, 2004, 58, 379-391.	3.6	47
93	Peptidergic activation of locust dorsal unpaired median neurons: Depolarization induced by locustatachykinins may be mediated by cyclic AMP. , 1997, 33, 297-315.		46
94	Characterization of a set of abdominal neuroendocrine cells that regulate stress physiology using colocalized diuretic peptides in Drosophila. Cellular and Molecular Life Sciences, 2018, 75, 1099-1115.	5.4	46
95	Tachykinin-related peptide precursors in two cockroach species. FEBS Journal, 2005, 272, 3365-3375.	4.7	45
96	Characterization of Reproductive Dormancy in Male Drosophila melanogaster. Frontiers in Physiology, 2016, 7, 572.	2.8	43
97	A possible role of SchistoFLRFamide in inhibition of adipokinetic hormone release from locust corpora cardiaca. Journal of Neurocytology, 1998, 27, 901-913.	1.5	41
98	Characterization of Actions of Leucophaea Tachykinin-Related Peptides (LemTRPs) and Proctolin on Cockroach Hindgut Contractions. Peptides, 1998, 19, 445-458.	2.4	41
99	Short Neuropeptide F Acts as a Functional Neuromodulator for Olfactory Memory in Kenyon Cells of Drosophila Mushroom Bodies. Journal of Neuroscience, 2013, 33, 5340-5345.	3.6	41
100	Postembryonic development of leucokinin I-immunoreactive neurons innervating a neurohemal organ in the turnip moth Agrotis segetum. Cell and Tissue Research, 1992, 269, 65-77.	2.9	39
101	Peptidergic neurohormonal control systems in invertebrates. Current Opinion in Neurobiology, 1996, 6, 842-850.	4.2	39
102	Distribution of tachykinin-related neuropeptide in the developing central nervous system of the moth Spodoptera litur a. Cell and Tissue Research, 1998, 294, 351-365.	2.9	39
103	Proctolin in the post-genomic era: new insights and challenges. Invertebrate Neuroscience, 2004, 5, 51-64.	1.8	39
104	Substance P-like immunoreactive neurons in the nervous system of Drosophila. Brain Research, 1990, 507, 225-233.	2.2	38
105	TER94, a Drosophila homolog of the membrane fusion protein CDC48/p97, is accumulated in nonproliferating cells: in the reproductive organs and in the brain of the imago. Insect Biochemistry and Molecular Biology, 1998, 28, 91-98.	2.7	38
106	Histaminelike immunoreactive neurons innervating putative neurohaemal areas and central neuropil in the thoraco-abdominal ganglia of the fliesDrosophilaandCalliphora. Journal of Comparative Neurology, 1990, 297, 525-536.	1.6	36
107	Peptide-Induced Ca2+ Movements in a Tonic Insect Muscle: Effects of Proctolin and Periviscerokinin-2. Journal of Neurophysiology, 2000, 84, 3056-3066.	1.8	35
108	Insulin/IGF-Regulated Size Scaling of Neuroendocrine Cells Expressing the bHLH Transcription Factor Dimmed in Drosophila. PLoS Genetics, 2013, 9, e1004052.	3.5	35

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109	Cholecystokinin-Like Peptide (DSK) in Drosophila, Not Only for Satiety Signaling. Frontiers in Endocrinology, 2014, 5, 219.	3.5	35
110	Impact of high-fat diet on lifespan, metabolism, fecundity and behavioral senescence in Drosophila. Insect Biochemistry and Molecular Biology, 2021, 133, 103495.	2.7	35
111	Inactivation of a tachykinin-related peptide: identification of four neuropeptide-degrading enzymes in neuronal membranes of insects from four different orders. Peptides, 2002, 23, 725-733.	2.4	33
112	Diuretic action of the peptide locustatachykinin I: cellular localisation and effects on fluid secretion in Malpighian tubules of locusts. Peptides, 2003, 24, 1571-1579.	2.4	33
113	Biostable multi-Aib analogs of tachykinin-related peptides demonstrate potent oral aphicidal activity in the pea aphid Acyrthosiphon pisum (Hemiptera: Aphidae). Peptides, 2011, 32, 587-594.	2.4	33
114	Cardioacceleratory action of tachykinin-related neuropeptides and proctolin in two coleopteran insect speciesâ˜†,â˜†â˜†. Peptides, 2001, 22, 209-217.	2.4	32
115	A neuroendocrine pathway modulating osmotic stress in Drosophila. PLoS Genetics, 2021, 17, e1009425.	3.5	31
116	Galanin immunoreactivity in the blowfly nervous system: Localization and chromatographic analysis. Journal of Comparative Neurology, 1991, 312, 77-96.	1.6	30
117	Locustatachykinin isoforms in the locust: distribution and quantification in the central nervous system and action on the oviduct muscle. Peptides, 1999, 20, 687-694.	2.4	30
118	Vasopressin- and proctolin-like immunoreactive efferent neurons in blowfly abdominal ganglia: Development and ultrastructure. Journal of Comparative Neurology, 1989, 283, 450-463.	1.6	29
119	Primary commissure pioneer neurons in the brain of the grasshopperSchistocerca gregaria: Development, ultrastructure, and neuropeptide expression. Journal of Comparative Neurology, 2001, 430, 118-130.	1.6	29
120	Insulin-producing cells and their regulation in physiology and behavior ofDrosophila¹This review is part of a virtual symposium on recent advances in understanding a variety of complex regulatory processes in insect physiology and endocrinology, including development, metabolism, cold hardiness, food intake and digestion, and diuresis, through the use of omics technologies in the postgenomic era.. Canadian Journal of Zoology, 2012, 90, 476-488.	1.0	29
121	Organization of the Olfactory System of Nymphalidae Butterflies. Chemical Senses, 2013, 38, 355-367.	2.0	29
122	A new, possibly serotonergic, neuron in the lamina of the blowfly optic lobe: an immunocytochemical and Golgi-EM study. Brain Research, 1983, 280, 361-367.	2.2	28
123	Advances in the immunocytochemical localization of neuroactive substances in the insect nervous system. Journal of Neuroscience Methods, 1996, 69, 3-23.	2.5	28
124	Behavioral Senescence and Aging-Related Changes in Motor Neurons and Brain Neuromodulator Levels Are Ameliorated by Lifespan-Extending Reproductive Dormancy in Drosophila. Frontiers in Cellular Neuroscience, 2017, 11, 111.	3.7	28
125	Several Isoforms of Locustatachykinins May Be Involved in Cyclic AMP-Mediated Release of Adipokinetic Hormones from the LocustCorpora cardiaca. General and Comparative Endocrinology, 1999, 113, 401-412.	1.8	27
126	Distribution of short neuropeptide F and its receptor in neuronal circuits related to feeding in larval Drosophila. Cell and Tissue Research, 2013, 353, 511-523.	2.9	27

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127	Neuropeptides in insect sensory neurones: tachykinin-, FMRFamide- and allatotropin-related peptides in terminals of locust thoracic sensory afferents. Brain Research, 1999, 816, 131-141.	2.2	26
128	A putative tachykinin receptor in the cockroach brain: molecular cloning and analysis of expression by means of antisera to portions of the receptor protein. Brain Research, 2001, 919, 94-105.	2.2	26
129	Radioimmunoassay determination of tachykinin-related peptide in different portions of the central nervous system and intestine of the cockroach Leucophaea maderae. Brain Research, 1996, 739, 314-321.	2.2	25
130	Species-specific action and distribution of tachykinin-related peptides in the foregut of the cockroaches Leucophaea maderae and Periplaneta americana. Journal of Experimental Biology, 1998, 201, 1615-26.	1.7	25
131	A catecholaminergic neuron connecting the first two optic neuropiles (Lamina ganglionaris and) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	23
132	Antennal receptors in the blowflyCalliphora erythrocephala. I. The gigantic central projection of the pedicellar campaniform sensillum. Journal of Morphology, 1984, 180, 159-169.	1.2	22
133	Proline-specific dipeptidyl peptidase activity in the cockroach brain and intestine: Partial characterization, distribution, and inactivation of tachykinin-related peptides. , 2000, 418, 81-92.		22
134	Transneuronal uptake of horseradish peroxidase in the central nervous system of dipterous insects. Cell and Tissue Research, 1982, 225, 639-62.	2.9	21
135	Differential distribution of isoforms ofLeucophaea tachykinin-related peptides (LemTRPs) in endocrine cells and neuronal processes of the cockroach midgut. Journal of Comparative Neurology, 1999, 406, 15-28.	1.6	21
136	A novel wide-field neuron with branches in the lamina of the Drosophila visual system expresses myoinhibitory peptide and may be associated with the clock. Cell and Tissue Research, 2011, 343, 357-369.	2.9	21
137	Drosophila Insulin-Like Peptide 8 (DILP8) in Ovarian Follicle Cells Regulates Ovulation and Metabolism. Frontiers in Endocrinology, 2020, 11, 461.	3.5	21
138	Tachykinin- and leucokinin-related peptides in the nervous system of the blowfly: Immunocytochemical and chromatographical diversity. Peptides, 1993, 14, 651-663.	2.4	20
139	Tachykinin-related neuropeptides in the central nervous system of the snail Helix pomatia: an immunocytochemical study. Brain Research, 1994, 661, 223-236.	2.2	19
140	PICK1 expression in the Drosophila central nervous system primarily occurs in the neuroendocrine system. Journal of Comparative Neurology, 2009, 517, 313-332.	1.6	19
141	Identification and localization of a neprilysin-like activity that degrades tachykinin-related peptides in the brain of the cockroach, Leucophaea maderae, and locust, Locusta migratoria. Journal of Comparative Neurology, 2003, 457, 57-66.	1.6	17
142	Neuronal organization in fly optic lobes altered by laser ablations early in development or by mutations of the eye. Journal of Comparative Neurology, 1983, 217, 86-102.	1.6	16
143	Tachykinin-related neuropeptide in the crayfish olfactory midbrain. Cell and Tissue Research, 1999, 296, 405-415.	2.9	16
144	Baratin, a nonamidated neurostimulating neuropeptide, isolated from cockroach brain: Distribution and actions in the cockroach and locust nervous systems. , 2000, 422, 267-286.		16

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145	Cholecystokinin/sulfakinin peptide signaling: conserved roles at the intersection between feeding, mating and aggression. Cellular and Molecular Life Sciences, 2022, 79, 188.	5.4	16
146	An aminoisobutyric acid-containing analogue of the cockroach tachykinin-related peptide, LemTRP-1, with potent bioactivity and resistance to an insect angiotensin-converting enzyme. Regulatory Peptides, 1998, 74, 61-66.	1.9	14
147	Multiple Members of the Leucokinin Neuropeptide Family are Present in Cerebral and Abdominal Neurohemal Organs in the CockroachLeucophaea maderae. Journal of Neuroendocrinology, 1996, 8, 785-792.	2.6	13
148	Pigment-dispersing hormone-like immunoreactive neurons in the central nervous system of the gastropods, Helix pomatia and Lymnaea stagnalis. Cell and Tissue Research, 1999, 295, 339-348.	2.9	13
149	Neuropeptides and Peptide Hormones. , 2013, , 213-237.		13
150	The Drosophila Transcription Factor Dimmed Affects Neuronal Growth and Differentiation in Multiple Ways Depending on Neuron Type and Developmental Stage. Frontiers in Molecular Neuroscience, 2016, 9, 97.	2.9	13
151	Adaptation to fluctuating environments in a selection experiment with Drosophila melanogaster. Ecology and Evolution, 2017, 7, 3796-3807.	1.9	13
152	Neuronal co-localization of different isoforms of tachykinin-related peptides (LemTRPs) in the cockroach brain. Cell and Tissue Research, 2002, 308, 225-239.	2.9	11
153	Myoinhibitory peptide (MIP) immunoreactivity in the visual system of the blowfly Calliphora vomitoria in relation to putative clock neurons and serotonergic neurons. Cell and Tissue Research, 2011, 345, 125-135.	2.9	11
154	Regulatory Roles of Drosophila Insulin-Like Peptide 1 (DILP1) in Metabolism Differ in Pupal and Adult Stages. Frontiers in Endocrinology, 2020, 11, 180.	3.5	11
155	Detection of Neuropeptides by Immunocytochemistry. , 1997, 72, 71-102.		10
156	Autoradiographic localization of 125I-galanin binding sites in the blowfly brain. Regulatory Peptides, 1992, 42, 123-134.	1.9	9
157	Galanin Message-Associated Peptide-Like Immunoreactivity in the Nervous System of the Blowfly: Distribution and Chromatographic Characterization. Journal of Neuroendocrinology, 1992, 4, 605-616.	2.6	9
158	Cholecystokinin-like peptide mediates satiety by inhibiting sugar attraction. PLoS Genetics, 2021, 17, e1009724.	3.5	9
159	The Fine Structure of Photoreceptor Terminals in the Compound Eye ofPandalus borealis(Crustacea). Acta Zoologica, 1976, 57, 153-160.	0.8	8
160	Leucokinin and Associated Neuropeptides Regulate Multiple Aspects of Physiology and Behavior in Drosophila. International Journal of Molecular Sciences, 2021, 22, 1940.	4.1	8
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