Liliane Schoofs

List of Publications by Year
in descending order

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333	17,657	15504 65	22832 112
papers	citations	h-index	g-index

345	345	345	14442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights into social insects from the genome of the honeybee Apis mellifera. Nature, 2006, 443, 931-949.	27.8	1,648
2	A comprehensive summary of LL-37, the factotum human cathelicidin peptide. Cellular Immunology, 2012, 280, 22-35.	3.0	468
3	Genomics, transcriptomics, and peptidomics of neuropeptides and protein hormones in the red flour beetle Tribolium castaneum. Genome Research, 2008, 18, 113-122.	5.5	359
4	PDF Receptor Signaling in Drosophila Contributes to Both Circadian and Geotactic Behaviors. Neuron, 2005, 48, 213-219.	8.1	313
5	From the Genome to the Proteome: Uncovering Peptides in the Apis Brain. Science, 2006, 314, 647-649.	12.6	309
6	Metformin promotes lifespan through mitohormesis via the peroxiredoxin PRDX-2. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2501-9.	7.1	289
7	Peptidomics of the Larval Drosophila melanogasterCentral Nervous System. Journal of Biological Chemistry, 2002, 277, 40368-40374.	3.4	259
8	Genome Sequence of the Tsetse Fly (Glossina morsitans): Vector of African Trypanosomiasis. Science, 2014, 344, 380-386.	12.6	254
9	Locustatachykinin I and II, two novel insect neuropeptides with homology to peptides of the vertebrate tachykinin family. FEBS Letters, 1990, 261, 397-401.	2.8	215
10	The myotropic peptides of Locusta migratoria: Structures, distribution, functions and receptors. Insect Biochemistry and Molecular Biology, 1993, 23, 859-881.	2.7	210
11	Obestatin does not activate orphan G protein-coupled receptor GPR39. Biochemical and Biophysical Research Communications, 2006, 351, 21-25.	2.1	209
12	Neuropeptides as Regulators of Behavior in Insects. Annual Review of Entomology, 2017, 62, 35-52.	11.8	181
13	More than two decades of research on insect neuropeptide GPCRs: an overview. Frontiers in Endocrinology, 2012, 3, 151.	3.5	180
14	Genomics, Transcriptomics, and Peptidomics ofDaphnia pulexNeuropeptides and Protein Hormones. Journal of Proteome Research, 2011, 10, 4478-4504.	3.7	179
15	Vasopressin/Oxytocin-Related Signaling Regulates Gustatory Associative Learning in C. elegans. Science, 2012, 338, 543-545.	12.6	162
16	Peptidomic analysis of the larvalDrosophila melanogaster central nervous system by two-dimensional capillary liquid chromatography quadrupole time-of-flight mass spectrometry. Journal of Mass Spectrometry, 2005, 40, 250-260.	1.6	161
17	Antibacterial and antifungal properties of Î±-helical, cationic peptides in the venom of scorpions from southern Africa. FEBS Journal, 2002, 269, 4799-4810.	0.2	157
18	Threeâ€dimensional cell culture models for anticancer drug screening: Worth the effort?. Journal of Cellular Physiology, 2018, 233, 2993-3003.	4.1	155

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19	Isolation, identification and synthesis of locustamyoinhibiting peptide (LOM-MIP), a novel biologically active neuropeptide from Locusta migratoria. Regulatory Peptides, 1991, 36, 111-119.	1.9	153
20	Peptides in the Locusts, Locusta migratoria and Schistocerca gregaria. Peptides, 1997, 18, 145-156.	2.4	149
21	Gel-Based Versus Gel-Free Proteomics: A Review. Combinatorial Chemistry and High Throughput Screening, 2005, 8, 669-677.	1.1	149
22	A proteomic approach for the analysis of instantly released wound and immune proteins in Drosophila melanogaster hemolymph. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 470-475.	7.1	145
23	Adipokinetic hormone signaling through the gonadotropin-releasing hormone receptor modulates egg-laying in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1642-1647.	7.1	143
24	Peptidomics of the pars intercerebralis-corpus cardiacum complex of the migratory locust,Locusta migratoria. FEBS Journal, 2001, 268, 1929-1939.	0.2	135
25	Locustatachykinin III and IV: two additional insect neuropeptides with homology to peptides of the vertebrate tachykinin family. Regulatory Peptides, 1990, 31, 199-212.	1.9	132
26	Neuropeptidomic analysis of the brain and thoracic ganglion from the Jonah crab, Cancer borealis. Biochemical and Biophysical Research Communications, 2003, 308, 535-544.	2.1	131
27	Neuropeptide GPCRs in C. elegans. Frontiers in Endocrinology, 2012, 3, 167.	3.5	128
28	Characterization of the short neuropeptide F receptor from Drosophila melanogaster. Biochemical and Biophysical Research Communications, 2002, 297, 1140-1148.	2.1	124
29	Peptidomics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 803, 3-16.	2.3	124
30	Defective processing of neuropeptide precursors in Caenorhabditis elegans lacking proprotein convertaseâ€ƒ2 (KPC-2/EGL-3): mutant analysis by mass spectrometry. Journal of Neurochemistry, 2006, 98, 1999-2012.	3.9	123
31	Discovering neuropeptides in Caenorhabditis elegans by two dimensional liquid chromatography and mass spectrometry. Biochemical and Biophysical Research Communications, 2005, 335, 76-86.	2.1	119
32	Sulfakinins reduce food intake in the desert locust, Schistocerca gregaria. Journal of Insect Physiology, 2000, 46, 1259-1265.	2.0	116
33	Characterization of an orphan G protein-coupled receptor localized in the dorsal root ganglia reveals adenine as a signaling molecule. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8573-8578.	7.1	116
34	Neuropeptidergic signaling in the nematode Caenorhabditis elegans. Progress in Neurobiology, 2007, 82, 33-55.	5.7	114
35	Isolation, identification and synthesis of PDVDHFLRFamide (SchistoFLRFamide) in Locusta migratoria and its association with the male accessory glands, the salivary glands, the heart, and the oviduct. Peptides, 1993, 14, 409-421.	2.4	109
36	Isolation, primary structure, and synthesis of locustapyrokinin: A myotropic peptide of Locusta migratoria. General and Comparative Endocrinology, 1991, 81, 97-104.	1.8	104

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37	Peptidomics Coming of Age: A Review of Contributions from a Bioinformatics Angle. Journal of Proteome Research, 2010, 9, 2051-2061.	3.7	103
38	Covert deformed wing virus infections have long-term deleterious effects on honeybee foraging and survival. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162149.	2.6	100
39	SIFamide is a highly conserved neuropeptide: a comparative study in different insect species. Biochemical and Biophysical Research Communications, 2004, 320, 334-341.	2.1	98
40	Discovery of a Cholecystokinin-Gastrin-Like Signaling System in Nematodes. Endocrinology, 2008, 149, 2826-2839.	2.8	97
41	Nonlinear partial differential equations and applications: Identification in Drosophila melanogaster of the invertebrate G protein-coupled FMRFamide receptor. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15363-15368.	7.1	96
42	Peptidomics: The integrated approach of MS, hyphenated techniques and bioinformatics for neuropeptide analysis. Journal of Separation Science, 2008, 31, 427-445.	2.5	95
43	Locustakinin, a novel myotropic peptide from Locusta migratoria, isolation, primary structure and synthesis. Regulatory Peptides, 1992, 37, 49-57.	1.9	94
44	Isolation and characterization of eight myoinhibiting peptides from the desert locust, Schistocerca gregaria: new members of the cockroach allatostatin family. Molecular and Cellular Endocrinology, 1996, 122, 183-190.	3.2	93
45	Proteomics in Drosophila melanogaster: first 2D database of larval hemolymph proteins. Biochemical and Biophysical Research Communications, 2003, 304, 831-838.	2.1	92
46	UNC-108/RAB-2 and its effector RIC-19 are involved in dense core vesicle maturation inCaenorhabditis elegans. Journal of Cell Biology, 2009, 186, 897-914.	5.2	90
47	Transcriptome Analysis of the Desert Locust Central Nervous System: Production and Annotation of a Schistocerca gregaria EST Database. PLoS ONE, 2011, 6, e17274.	2.5	90
48	Gonadotropins in insects: An overview. Archives of Insect Biochemistry and Physiology, 2001, 47, 129-138.	1.5	87
49	In Silico Identification of New Secretory Peptide Genes in Drosophila melanogaster. Molecular and Cellular Proteomics, 2006, 5, 510-522.	3.8	85
50	Impaired processing of FLP and NLP peptides in carboxypeptidase E (EGL-21)-deficient Caenorhabditis elegans as analyzed by mass spectrometry. Journal of Neurochemistry, 2007, 102, 246-260.	3.9	85
51	In search for a common denominator for the diverse functions of arthropod corazonin: A role in the physiology of stress?. General and Comparative Endocrinology, 2010, 166, 222-233.	1.8	85
52	Neuropeptide Secreted from a Pacemaker Activates Neurons to Control a Rhythmic Behavior. Current Biology, 2013, 23, 746-754.	3.9	85
53	Silkworm diapause induction activity of myotropic pyrokinin (FXPRLamide) insect neuropeptides. Peptides, 1993, 14, 1043-1048.	2.4	82
54	The Construction of a Bioactive Peptide Database in Metazoa. Journal of Proteome Research, 2008, 7, 4119-4131.	3.7	81

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55	Phenotypic and Genome-Wide Analysis of an Antibiotic-Resistant Small Colony Variant (SCV) of Pseudomonas aeruginosa. PLoS ONE, 2011, 6, e29276.	2.5	81
56	Functional Characterization of Three G Protein-coupled Receptors for Pigment Dispersing Factors in Caenorhabditis elegans. Journal of Biological Chemistry, 2008, 283, 15241-15249.	3.4	80
57	Peptidomic survey of the locust neuroendocrine system. Insect Biochemistry and Molecular Biology, 2009, 39, 491-507.	2.7	78
58	Regulation of Feeding and Metabolism by Neuropeptide F and Short Neuropeptide F in Invertebrates. Frontiers in Endocrinology, 2019, 10, 64.	3.5	77
59	Discovery and characterization of a conserved pigment dispersing factorâ€like neuropeptide pathway in Caenorhabditis elegans. Journal of Neurochemistry, 2009, 111, 228-241.	3.9	75
60	Isolation, identification and synthesis of locustamyotropin (Lom-MT), a novel biologically active insect peptide. Peptides, 1990, 11, 427-433.	2.4	73
61	Proteomics Analysis of Cytokine-induced Dysfunction and Death in Insulin-producing INS-1E Cells. Molecular and Cellular Proteomics, 2007, 6, 2180-2199.	3.8	73
62	The FMRFamide-Like Peptide Family in Nematodes. Frontiers in Endocrinology, 2014, 5, 90.	3.5	72
63	Characterization of genome methylation patterns in the desert locust Schistocerca gregaria. Journal of Experimental Biology, 2013, 216, 1423-9.	1.7	71
64	Comparative genomic analysis of six Glossina genomes, vectors of African trypanosomes. Genome Biology, 2019, 20, 187.	8.8	71
65	Pyrokinin neuropeptides in a crustacean. FEBS Journal, 2001, 268, 149-154.	0.2	69
66	Ancient neuromodulation by vasopressin/oxytocin-related peptides. Worm, 2013, 2, e24246.	1.0	69
67	Functional cross-reactivities of some locustamyotropins and Bombyx pheromone biosynthesis activating neuropeptide. Journal of Insect Physiology, 1992, 38, 651-657.	2.0	68
68	A Multifaceted Study of Pseudomonas aeruginosa Shutdown by Virulent Podovirus LUZ19. MBio, 2013, 4, e00061-13.	4.1	68
69	Epigenetics and locust life phase transitions. Journal of Experimental Biology, 2015, 218, 88-99.	1.7	68
70	SIFamide illustrates the rapid evolution in Arthropod neuropeptide research. General and Comparative Endocrinology, 2009, 162, 27-35.	1.8	67
71	Peptidergic Control of the Corpus Cardiacum-Corpora Allata Complex of Locusts. International Review of Cytology, 1998, 182, 249-302.	6.2	66
72	Mass spectrometric profiling of (neuro)-peptides in the worker honeybee, Apis mellifera. Neuropharmacology, 2010, 58, 248-258.	4.1	66

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73	Molecular mechanisms of LL-37-induced receptor activation: An overview. Peptides, 2016, 85, 16-26.	2.4	66
74	Isolation, identification and synthesis of locustamyotropin II, an additional neuropeptide of Locusta migratoria: Member of the cephalomyotropic peptide family. Insect Biochemistry, 1990, 20, 479-484.	1.8	63
75	Identification of [Arg7] corazonin in the silkworm, Bombyx mori and the cricket, Gryllus bimaculatus, as a factor inducing dark color in an albino strain of the locust, Locusta migratoria. Journal of Insect Physiology, 2000, 46, 853-860.	2.0	63
76	Thermal and high-pressure stability of purified polygalacturonase and pectinmethylesterase from four different tomato processing varieties. Food Research International, 2006, 39, 440-448.	6.2	63
77	Modulation of Rhythmic Motor Activity by Pyrokinin Peptides. Journal of Neurophysiology, 2007, 97, 579-595.	1.8	63
78	Evolutionarily conserved TRH neuropeptide pathway regulates growth in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4065-E4074.	7.1	62
79	Identification of One Tachykinin- and Two Kinin-Related Peptides in the Brain of the White Shrimp,Penaeus vannamei. Biochemical and Biophysical Research Communications, 1998, 248, 406-411.	2.1	61
80	Purification and characterization of a group of five novel peptide serine protease inhibitors from ovaries of the desert locust,Schistocerca gregaria. FEBS Letters, 1998, 422, 74-78.	2.8	60
81	Diapausing Colorado potato beetles are devoid of short neuropeptide F I and II. Biochemical and Biophysical Research Communications, 2004, 317, 909-916.	2.1	60
82	Annotation of novel neuropeptide precursors in the migratory locust based on transcript screening of a public EST database and mass spectrometry. BMC Genomics, 2006, 7, 201.	2.8	60
83	Genome-wide analysis of alternative reproductive phenotypes in honeybee workers. Molecular Ecology, 2011, 20, 4070-4084.	3.9	60
84	Molecular diversity of the telson and venom components from Pandinus cavimanus (Scorpionidae Latreille 1802): Transcriptome, venomics and function. Proteomics, 2012, 12, 313-328.	2.2	59
85	Analysis of the formalin-fixed paraffin-embedded tissue proteome: pitfalls, challenges, and future prospectives. Amino Acids, 2013, 45, 205-218.	2.7	59
86	The Kinin Peptide Family in Invertebrates. Annals of the New York Academy of Sciences, 1999, 897, 361-373.	3.8	58
87	The use of peptidomics in endocrine research. General and Comparative Endocrinology, 2003, 132, 1-9.	1.8	58
88	Derivatives of the Mouse Cathelicidin-Related Antimicrobial Peptide (CRAMP) Inhibit Fungal and Bacterial Biofilm Formation. Antimicrobial Agents and Chemotherapy, 2014, 58, 5395-5404.	3.2	55
89	The RFamide receptor DMSR-1 regulates stress-induced sleep in C. elegans. ELife, 2017, 6, .	6.0	55
90	Neuropeptidomics of the grey flesh fly, Neobellieria bullata. Biochemical and Biophysical Research Communications, 2004, 316, 763-770.	2.1	53

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91	Identification of new immune induced molecules in the haemolymph of Drosophila melanogaster by 2D-nanoLC MS/MS. Journal of Insect Physiology, 2006, 52, 379-388.	2.0	53
92	UV crosslinked mRNA-binding proteins captured from leaf mesophyll protoplasts. Plant Methods, 2016, 12, 42.	4.3	53
93	The instantly released Drosophila immune proteome is infection-specific. Biochemical and Biophysical Research Communications, 2004, 317, 1052-1060.	2.1	52
94	OD1, the first toxin isolated from the venom of the scorpionOdonthobuthus doriaeactive on voltage-gated Na+channels. FEBS Letters, 2005, 579, 4181-4186.	2.8	52
95	Antifungal activity in plants from Chinese traditional and folk medicine. Journal of Ethnopharmacology, 2012, 143, 772-778.	4.1	52
96	Neuropeptides of the islets of Langerhans: A peptidomics study. General and Comparative Endocrinology, 2007, 152, 231-241.	1.8	51
97	Structureâ€“activity studies of Drosophila adipokinetic hormone (AKH) by a cellular expression system of dipteran AKH receptors. General and Comparative Endocrinology, 2012, 177, 332-337.	1.8	51
98	Early changes in the pupal transcriptome of the flesh fly Sarcophagha crassipalpis to parasitization by the ectoparasitic wasp, Nasonia vitripennis. Insect Biochemistry and Molecular Biology, 2013, 43, 1189-1200.	2.7	51
99	Immunological evidence for an allatostatin-like neuropeptide in the central nervous system of Schistocerca gregaria, Locusta migratoria and Neobellieria bullata. Cell and Tissue Research, 1995, 279, 601-611.	2.9	50
100	Immunocytochemical distribution of angiotensin I-converting enzyme-like immunoreactivity in the brain and testis of insects. Brain Research, 1998, 785, 215-227.	2.2	50
101	Identical Skin Toxins by Convergent Molecular Adaptation in Frogs. Current Biology, 2010, 20, 125-130.	3.9	50
102	Corazonin signaling integrates energy homeostasis and lunar phase to regulate aspects of growth and sexual maturation in Platynereis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1097-1106.	7.1	50
103	Isolation, identification and synthesis of locustamyotropin III and IV, two additional neuropeptides of Locusta migratoria: Members of the locustamyotropin peptide family. Insect Biochemistry and Molecular Biology, 1992, 22, 447-452.	2.7	49
104	A novel peptide-processing activity of insect peptidyl-dipeptidase A (angiotensin I-converting enzyme): the hydrolysis of lysyl-arginine and arginyl-arginine from the C-terminus of an insect prohormone peptide. Biochemical Journal, 1998, 330, 61-65.	3.7	49
105	Homologies between the amino acid sequences of some vertebrate peptide hormones and peptides isolated from invertebrate sources. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1990, 95, 459-468.	0.2	48
106	Origin and Functional Diversification of an Amphibian Defense Peptide Arsenal. PLoS Genetics, 2013, 9, e1003662.	3.5	47
107	The angiotensin system elements in invertebrates. Brain Research Reviews, 2001, 36, 35-45.	9.0	46
108	Mass spectrometric analysis of the perisympathetic organs in locusts: identification of novel periviscerokinins. Biochemical and Biophysical Research Communications, 2003, 300, 422-428.	2.1	46

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109	FMRFamide related peptide ligands activate the Caenorhabditis elegans orphan GPCR Y59H11AL.1. Peptides, 2006, 27, 1291-1296.	2.4	46
110	Distribution of locustamyotropin-like immunoreactivity in the nervous system of Locusta migratoria. Regulatory Peptides, 1992, 37, 237-254.	1.9	45
111	Isolation, identification and localization of a second beetle antidiuretic peptide. Peptides, 2003, 24, 27-34.	2.4	45
112	Mas-allatotropin/Lom-AG-myotropin I immunostaining in the brain of the locust, Schistocerca gregaria. Cell and Tissue Research, 2004, 318, 439-457.	2.9	45
113	Functional characterization of the putative orphan neuropeptide G-protein coupled receptor C26F1.6 inCaenorhabditis elegans. FEBS Letters, 2004, 573, 55-60.	2.8	45
114	Fraenkel's pupariation factor identified at last. Developmental Biology, 2004, 273, 38-47.	2.0	45
115	Comparative peptidomics of Caenorhabditis elegans versus C. briggsae by LCâ€“MALDI-TOF MS. Peptides, 2009, 30, 449-457.	2.4	45
116	Identification of novel periviscerokinins from single neurohaemal release sites in insects. FEBS Journal, 2000, 267, 3869-3873.	0.2	44
117	Identification of 1-lysophosphatidylethanolamine (C16:1) as an antimicrobial compound in the housefly, Musca domestica. Insect Biochemistry and Molecular Biology, 2004, 34, 43-49.	2.7	44
118	A neuromedin-pyrokinin-like neuropeptide signaling system in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2009, 379, 760-764.	2.1	44
119	A combined strategy of neuropeptide prediction and tandem mass spectrometry identifies evolutionarily conserved ancient neuropeptides in the sea anemone Nematostella vectensis. PLoS ONE, 2019, 14, e0215185.	2.5	44
120	Folliculostatins, gonadotropins and a model for control of growth in the grey fleshfly, Neobellieria (Sarcophaga) bullata. Insect Biochemistry and Molecular Biology, 1995, 25, 661-667.	2.7	43
121	Locust phase polyphenism: Does epigenetic precede endocrine regulation?. General and Comparative Endocrinology, 2011, 173, 120-128.	1.8	43
122	Isolation, primary structure and synthesis of neomyosuppressin, a myoinhibiting neuropeptide from the grey fleshfly, Neobellieria bullata. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1992, 102, 239-245.	0.2	42
123	Identification of New Members of the (Short) Neuropeptide F Family in Locusts and Caenorhabditis elegans. Annals of the New York Academy of Sciences, 2009, 1163, 60-74.	3.8	42
124	GPCRs Direct Germline Development and Somatic Gonad Function in Planarians. PLoS Biology, 2016, 14, e1002457.	5.6	42
125	Effect of insulin/IGF-I like peptides on glucose metabolism in the white shrimp Penaeus vannamei. General and Comparative Endocrinology, 2007, 153, 170-175.	1.8	41
126	Bioactive peptides, networks and systems biology. BioEssays, 2009, 31, 300-314.	2.5	41

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127	A differential proteomics study of Caenorhabditis elegans infected with Aeromonas hydrophila. Developmental and Comparative Immunology, 2010, 34, 690-698.	2.3	41
128	The receptor guanylate cyclase Gyc76C and a peptide ligand, NPLP1-VQQ, modulate the innate immune IMD pathway in response to salt stress. Peptides, 2012, 34, 209-218.	2.4	41
129	PDF receptor signaling in Caenorhabditis elegans modulates locomotion and egg-laying. Molecular and Cellular Endocrinology, 2012, 361, 232-240.	3.2	41
130	Expression of a novel neuropeptide, NVGTLARDFQLPIPNamide, in the larval and adult brain of Drosophila melanogaster. Journal of Neurochemistry, 2004, 88, 311-319.	3.9	40
131	Molecular characterization of two G protein-coupled receptor splice variants as FLP2 receptors in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2005, 330, 967-974.	2.1	40
132	Proteome changes of Caenorhabditis elegans upon a Staphylococcus aureus infection. Biology Direct, 2010, 5, 11.	4.6	40
133	In VivoandIn VitroPheromonotropic Activity of Two Locustatachykinin Peptides inBombyx mori. Bioscience, Biotechnology and Biochemistry, 1992, 56, 1692-1693.	1.3	39
134	The mode of action of juvenile hormone and ecdysone: Towards an epi-endocrinological paradigm?. General and Comparative Endocrinology, 2013, 188, 35-45.	1.8	39
135	A GABAergic and peptidergic sleep neuron as a locomotion stop neuron with compartmentalized Ca2+ dynamics. Nature Communications, 2019, 10, 4095.	12.8	39
136	Neurotoxic and neurobehavioral effects of kynurenines in adult insects. Biochemical and Biophysical Research Communications, 2003, 312, 1171-1177.	2.1	38
137	G Protein-Coupled Receptors in Invertebrates: A State of the Art. International Review of Cytology, 2003, 230, 189-261.	6.2	38
138	Gonadotropin-Releasing Hormone and Adipokinetic Hormone Signaling Systems Share a Common Evolutionary Origin. Frontiers in Endocrinology, 2011, 2, 16.	3.5	38
139	Isolation and immunocytochemical characterization of three tachykinin-related peptides from the mosquito, Culex salinarius. Neurochemical Research, 1998, 23, 189-202.	3.3	37
140	Peptidomics in Drosophila melanogaster. Briefings in Functional Genomics & Proteomics, 2003, 2, 114-120.	3.8	37
141	Coevolution of neuropeptidergic signaling systems: from worm to man. Annals of the New York Academy of Sciences, 2010, 1200, 1-14.	3.8	37
142	A Hybrid, de Novo Based, Genome-Wide Database Search Approach Applied to the Sea Urchin Neuropeptidome. Journal of Proteome Research, 2010, 9, 990-996.	3.7	37
143	Royalactin extends lifespan of Caenorhabditis elegans through epidermal growth factor signaling. Experimental Gerontology, 2014, 60, 129-135.	2.8	37
144	Peptide differential display: a novel approach for phase transition in locusts. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 132, 107-115.	1.6	36

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145	Extending the honey bee venome with the antimicrobial peptide apidaecin and a protein resembling wasp antigen 5. Insect Molecular Biology, 2013, 22, 199-210.	2.0	36
146	An oxytocin-dependent social interaction between larvae and adult C. elegans. Scientific Reports, 2017, 7, 10122.	3.3	36
147	Isolation and characterization of schistostatin-211â€“18 from the desert locust, Schistocerca gregaria: A truncated analog of schistostatin-2. Regulatory Peptides, 1996, 67, 195-199.	1.9	35
148	Testis ecdysiotropin, an insect gonadotropin that induces synthesis of ecdysteroid. Archives of Insect Biochemistry and Physiology, 2001, 47, 181-188.	1.5	35
149	The hemolymph proteome of the honeybee: Gelâ€based or gelâ€free?. Proteomics, 2009, 9, 3201-3208.	2.2	35
150	Functional neuropeptidomics in invertebrates. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 812-826.	2.3	35
151	Localization of melanotropin-like peptides in the central nervous system of two insect species, the migratory locust,Locusta migratoria, and the fleshfly,Sarcophaga bullata. Cell and Tissue Research, 1987, 248, 25-31.	2.9	34
152	The pigmentotropic hormone [His7]-corazonin, absent in a Locusta migratoria albino strain, occurs in an albino strain of Schistocerca gregaria. Molecular and Cellular Endocrinology, 2000, 168, 101-109.	3.2	34
153	Central administration of obestatin fails to show inhibitory effects on food and water intake in mice. Regulatory Peptides, 2009, 156, 77-82.	1.9	34
154	Endocrine archeology: Do insects retain ancestrally inherited counterparts of the vertebrate releasing hormones GnRH, GHRH, TRH, and CRF?. General and Comparative Endocrinology, 2012, 177, 18-27.	1.8	34
155	Evaluation of the antibacterial and antibiofilm activities of novel CRAMPâ€“vancomycin conjugates with diverse linkers. Organic and Biomolecular Chemistry, 2015, 13, 7477-7486.	2.8	34
156	Initiation of metamorphosis and control of ecdysteroid biosynthesis in insects: The interplay of absence of Juvenile hormone, PTTH, and Ca2+-homeostasis. Peptides, 2015, 68, 120-129.	2.4	34
157	Postgenomic characterization of G-protein-coupled receptors. Pharmacogenomics, 2004, 5, 657-672.	1.3	33
158	Metabolic profiling of a transgenic Caenorhabditis elegans Alzheimer model. Metabolomics, 2015, 11, 477-486.	3.0	33
159	Fruitless RNAi knockdown in males interferes with copulation success in Schistocerca gregaria. Insect Biochemistry and Molecular Biology, 2011, 41, 340-347.	2.7	32
160	Purification, molecular cloning and functional characterization of HelaTx1 (Heterometrus laoticus): The first member of a new Î²-KTX subfamily. Biochemical Pharmacology, 2012, 83, 1307-1317.	4.4	32
161	The use of elemental mass spectrometry in phosphoproteomic applications. Mass Spectrometry Reviews, 2016, 35, 350-360.	5.4	32
162	SKN-1-independent transcriptional activation of glutathione S-transferase 4 (GST-4) by EGF signaling. Worm, 2016, 5, 00-00.	1.0	32

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