

Liliane Schoofs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3196538/publications.pdf>

Version: 2024-02-01

333
papers

17,657
citations

15504

65
h-index

22832

112
g-index

345
all docs

345
docs citations

345
times ranked

14442
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuromodulatory pathways in learning and memory: Lessons from invertebrates. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12911.	2.6	23
2	A conserved neuropeptide system links head and body motor circuits to enable adaptive behavior. <i>ELife</i> , 2021, 10, .	6.0	12
3	Comparison of size distribution and (Pro249-Ser258) epitope exposure in in vitro and in vivo derived Tau fibrils. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 81.	2.0	3
4	Two Undervalued Functions of the Golgi Apparatus: Removal of Excess Ca ²⁺ and Biosynthesis of Farnesol-Like Sesquiterpenoids, Possibly as Ca ²⁺ -Pump Agonists and Membrane "Fluidizers" "Plasticizers". <i>Frontiers in Physiology</i> , 2020, 11, 542879.	2.8	2
5	NPY/NPF-Related Neuropeptide FLP-34 Signals from Serotonergic Neurons to Modulate Aversive Olfactory Learning in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2020, 40, 6018-6034.	3.6	22
6	RPamide neuropeptides NLP-22 and NLP-2 act through GnRH-like receptors to promote sleep and wakefulness in <i>C. elegans</i> . <i>Scientific Reports</i> , 2020, 10, 9929.	3.3	9
7	Neuromedin U signaling regulates retrieval of learned salt avoidance in a <i>C. elegans</i> gustatory circuit. <i>Nature Communications</i> , 2020, 11, 2076.	12.8	24
8	Corazonin signaling integrates energy homeostasis and lunar phase to regulate aspects of growth and sexual maturation in <i>Platynereis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1097-1106.	7.1	50
9	Healthspan pathway maps in <i>C. elegans</i> and humans highlight transcription, proliferation/biosynthesis and lipids. <i>Aging</i> , 2020, 12, 12534-12581.	3.1	12
10	DamID identifies targets of CEH-60/PBX that are associated with neuron development and muscle structure in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2020, 15, e0242939.	2.5	6
11	Title is missing!. , 2020, 15, e0242939.		0
12	Title is missing!. , 2020, 15, e0242939.		0
13	Title is missing!. , 2020, 15, e0242939.		0
14	Title is missing!. , 2020, 15, e0242939.		0
15	Identification of fukinolic acid from <i>Cimicifuga heracleifolia</i> and its derivatives as novel antiviral compounds against enterovirus A71 infection. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 128-136.	2.5	21
16	Flip-Flopping Retinal in Microbial Rhodopsins as a Template for a Farnesyl/Prenyl Flip-Flop Model in Eukaryote GPCRs. <i>Frontiers in Neuroscience</i> , 2019, 13, 465.	2.8	3
17	CEH-60/PBX regulates vitellogenesis and cuticle permeability through intestinal interaction with UNC-62/MEIS in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2019, 17, e3000499.	5.6	11
18	A combined strategy of neuropeptide prediction and tandem mass spectrometry identifies evolutionarily conserved ancient neuropeptides in the sea anemone <i>Nematostella vectensis</i> . <i>PLoS ONE</i> , 2019, 14, e0215185.	2.5	44

#	ARTICLE	IF	CITATIONS
19	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	8.8	71
20	A GABAergic and peptidergic sleep neuron as a locomotion stop neuron with compartmentalized Ca ²⁺ dynamics. <i>Nature Communications</i> , 2019, 10, 4095.	12.8	39
21	Advantages and shortcomings of cell-based electrical impedance measurements as a GPCR drug discovery tool. <i>Biosensors and Bioelectronics</i> , 2019, 137, 33-44.	10.1	20
22	Regulation of Feeding and Metabolism by Neuropeptide F and Short Neuropeptide F in Invertebrates. <i>Frontiers in Endocrinology</i> , 2019, 10, 64.	3.5	77
23	Mode of Action of Farnesol, the "Noble Unknown" in Particular in Ca ²⁺ Homeostasis, and Its Juvenile Hormone-Esters in Evolutionary Retrospect. <i>Frontiers in Neuroscience</i> , 2019, 13, 141.	2.8	12
24	Myoinhibitory peptide signaling modulates aversive gustatory learning in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2019, 15, e1007945.	3.5	25
25	Intraluminal Farnesol and Farnesal in the Mealworm's Alimentary Canal: An Unusual Storage Site Uncovering Hidden Eukaryote Ca ²⁺ -Homeostasis-Dependent "Golgi" Activities. <i>Frontiers in Endocrinology</i> , 2019, 10, 885.	3.5	4
26	Exploring neuropeptide signalling through proteomics and peptidomics. <i>Expert Review of Proteomics</i> , 2019, 16, 131-137.	3.0	4
27	Mass spectrometric evidence for neuropeptide-amidating enzymes in. <i>Journal of Biological Chemistry</i> , 2018, 293, 6052-6063.	3.4	28
28	Exploring the Sea Urchin Neuropeptide Landscape by Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 923-934.	2.8	10
29	A <i>Caenorhabditis elegans</i> Mass Spectrometric Resource for Neuropeptidomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 879-889.	2.8	25
30	Three-dimensional cell culture models for anticancer drug screening: Worth the effort?. <i>Journal of Cellular Physiology</i> , 2018, 233, 2993-3003.	4.1	155
31	Abundant plasma protein depletion using ammonium sulfate precipitation and Protein A affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1089, 43-59.	2.3	17
32	Iterative Chemical Engineering of Vancomycin Leads to Novel Vancomycin Analogs With a High in Vitro Therapeutic Index. <i>Frontiers in Microbiology</i> , 2018, 9, 1175.	3.5	9
33	Characterization of a tachykinin signalling system in the bivalve mollusc <i>Crassostrea gigas</i> . <i>General and Comparative Endocrinology</i> , 2018, 266, 110-118.	1.8	14
34	Quantitative Peptidomics with Isotopic and Isobaric Tags. <i>Methods in Molecular Biology</i> , 2018, 1719, 141-159.	0.9	7
35	Covert deformed wing virus infections have long-term deleterious effects on honeybee foraging and survival. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162149.	2.6	100
36	Individual and genetic task specialization in policing behaviour in the European honeybee. <i>Animal Behaviour</i> , 2017, 128, 95-102.	1.9	2

#	ARTICLE	IF	CITATIONS
37	Evolutionarily conserved TRH neuropeptide pathway regulates growth in <i>Caenorhabditis elegans</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4065-E4074.	7.1	62
38	Crystal structure of <i>Porphyromonas gingivalis</i> dipeptidyl peptidase 4 and structure-activity relationships based on inhibitor profiling. European Journal of Medicinal Chemistry, 2017, 139, 482-491.	5.5	16
39	An oxytocin-dependent social interaction between larvae and adult <i>C. elegans</i> . Scientific Reports, 2017, 7, 10122.	3.3	36
40	Neuropeptides as Regulators of Behavior in Insects. Annual Review of Entomology, 2017, 62, 35-52.	11.8	181
41	In vitro aggregating β -lactamase-polyQ chimeras do not induce toxic effects in an in vivo <i>Caenorhabditis elegans</i> model. Journal of Negative Results in BioMedicine, 2017, 16, 14.	1.4	2
42	Signaling properties of the human chemokine receptors CXCR4 and CXCR7 by cellular electric impedance measurements. PLoS ONE, 2017, 12, e0185354.	2.5	21
43	The RFamide receptor DMSR-1 regulates stress-induced sleep in <i>C. elegans</i> . ELife, 2017, 6, .	6.0	55
44	The use of elemental mass spectrometry in phosphoproteomic applications. Mass Spectrometry Reviews, 2016, 35, 350-360.	5.4	32
45	GPCRs Direct Germline Development and Somatic Gonad Function in Planarians. PLoS Biology, 2016, 14, e1002457.	5.6	42
46	UV crosslinked mRNA-binding proteins captured from leaf mesophyll protoplasts. Plant Methods, 2016, 12, 42.	4.3	53
47	Ageing with elegans: a research proposal to map healthspan pathways. Biogerontology, 2016, 17, 771-782.	3.9	31
48	Molecular mechanisms of LL-37-induced receptor activation: An overview. Peptides, 2016, 85, 16-26.	2.4	66
49	SKN-1-independent transcriptional activation of glutathione S-transferase 4 (GST-4) by EGF signaling. Worm, 2016, 5, 00-00.	1.0	32
50	Molecular characterization of a short neuropeptide F signaling system in the tsetse fly, <i>Glossina morsitans morsitans</i> . General and Comparative Endocrinology, 2016, 235, 142-149.	1.8	11
51	Characterization of a neuropeptide F receptor in the tsetse fly, <i>Glossina morsitans morsitans</i> . Journal of Insect Physiology, 2016, 93-94, 105-111.	2.0	6
52	Comparison of multiple protein extraction buffers for GeLC-MS/MS proteomic analysis of liver and colon formalin-fixed, paraffin-embedded tissues. Molecular BioSystems, 2016, 12, 553-565.	2.9	26
53	Fast and Reliable Quantitative Peptidomics with <i>labelpepmatch</i> . Journal of Proteome Research, 2016, 15, 1080-1089.	3.7	11
54	Characterization and pharmacological analysis of two adipokinetic hormone receptor variants of the tsetse fly, <i>Glossina morsitans morsitans</i> . Insect Biochemistry and Molecular Biology, 2016, 70, 73-84.	2.7	28

#	ARTICLE	IF	CITATIONS
55	The endocrine system controlling sexual reproduction in animals: Part of the evolutionary ancient but well conserved immune system?. General and Comparative Endocrinology, 2016, 226, 56-71.	1.8	14
56	Neuropeptide-Driven Cross-Modal Plasticity following Sensory Loss in <i>Caenorhabditis elegans</i> . PLoS Biology, 2016, 14, e1002348.	5.6	26
57	Super-resolution mapping of glutamate receptors in <i>C. elegans</i> by confocal correlated PALM. Scientific Reports, 2015, 5, 13532.	3.3	21
58	Peptidomics of Neuropeptidergic Tissues of the Tsetse Fly <i>Glossina morsitans morsitans</i> . Journal of the American Society for Mass Spectrometry, 2015, 26, 2024-2038.	2.8	28
59	Pigment-dispersing factor signaling in the circadian system of <i>Caenorhabditis elegans</i> . Genes, Brain and Behavior, 2015, 14, 493-501.	2.2	17
60	Determination of Variation Parameters as a Crucial Step in Designing TMT-Based Clinical Proteomics Experiments. PLoS ONE, 2015, 10, e0120115.	2.5	22
61	Evaluation of the antibacterial and antibiofilm activities of novel CRAMP-vancomycin conjugates with diverse linkers. Organic and Biomolecular Chemistry, 2015, 13, 7477-7486.	2.8	34
62	Metabolic profiling of a transgenic <i>Caenorhabditis elegans</i> Alzheimer model. Metabolomics, 2015, 11, 477-486.	3.0	33
63	Epigenetics and locust life phase transitions. Journal of Experimental Biology, 2015, 218, 88-99.	1.7	68
64	Integrating -Omics: Systems Biology as Explored Through <i>C. elegans</i> Research. Journal of Molecular Biology, 2015, 427, 3441-3451.	4.2	30
65	A Globin Domain in a Neuronal Transmembrane Receptor of <i>Caenorhabditis elegans</i> and <i>Ascaris suum</i> . Journal of Biological Chemistry, 2015, 290, 10336-10352.	3.4	7
66	Functional neuropeptidomics in invertebrates. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 812-826.	2.3	35
67	The benefits and limitations of reaction cell and sector field inductively coupled plasma mass spectrometry in the detection and quantification of phosphopeptides. Rapid Communications in Mass Spectrometry, 2015, 29, 35-44.	1.5	8
68	Initiation of metamorphosis and control of ecdysteroid biosynthesis in insects: The interplay of absence of Juvenile hormone, PTTH, and Ca ²⁺ -homeostasis. Peptides, 2015, 68, 120-129.	2.4	34
69	FRPR-4 Is a G-Protein Coupled Neuropeptide Receptor That Regulates Behavioral Quiescence and Posture in <i>Caenorhabditis elegans</i> . PLoS ONE, 2015, 10, e0142938.	2.5	19
70	Proteomic Alterations in B Lymphocytes of Sensitized Mice in a Model of Chemical-Induced Asthma. PLoS ONE, 2015, 10, e0138791.	2.5	1
71	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
72	The FMRFamide-Like Peptide Family in Nematodes. Frontiers in Endocrinology, 2014, 5, 90.	3.5	72

#	ARTICLE	IF	CITATIONS
73	Life-prolonging measures for a dead theory?. Age, 2014, 36, 533-534.	3.0	2
74	Colorectal cancer biomarker discovery and validation using LC-MS/MS-based proteomics in blood: truth or dare?. Expert Review of Proteomics, 2014, 11, 449-463.	3.0	9
75	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. Science, 2014, 344, 380-386.	12.6	254
76	Royalactin extends lifespan of <i>Caenorhabditis elegans</i> through epidermal growth factor signaling. Experimental Gerontology, 2014, 60, 129-135.	2.8	37
77	Functional characterization of a short neuropeptide F-related receptor in a Lophotrochozoa, the mollusk <i>Crassostrea gigas</i> . Journal of Experimental Biology, 2014, 217, 2974-82.	1.7	31
78	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
79	Worm peptidomics. EuPA Open Proteomics, 2014, 3, 280-290.	2.5	17
80	The essence of insect metamorphosis and aging: Electrical rewiring of cells driven by the principles of juvenile hormone-dependent Ca ²⁺ -homeostasis. General and Comparative Endocrinology, 2014, 199, 70-85.	1.8	24
81	Reproduction of honeybee workers is regulated by epidermal growth factor receptor signaling. General and Comparative Endocrinology, 2014, 197, 1-4.	1.8	17
82	Characterization of G Protein-coupled Receptors by a Fluorescence-based Calcium Mobilization Assay. Journal of Visualized Experiments, 2014, , e51516.	0.3	13
83	Farnesol-Like Endogenous Sesquiterpenoids in Vertebrates: The Probable but Overlooked Functional Role of Farnesol in Invertebrates: Anti-Aging Counterpart of Juvenile Hormone of Insects?. Frontiers in Endocrinology, 2014, 5, 222.	3.5	11
84	Characterization of genome methylation patterns in the desert locust <i>Schistocerca gregaria</i> . Journal of Experimental Biology, 2013, 216, 1423-9.	1.7	71
85	Frog nuptial pads secrete mating season-specific proteins related to salamander pheromones. Journal of Experimental Biology, 2013, 216, 4139-43.	1.7	27
86	The Fading Electricity Theory of Ageing: The missing biophysical principle?. Ageing Research Reviews, 2013, 12, 58-66.	10.9	24
87	Analysis of the formalin-fixed paraffin-embedded tissue proteome: pitfalls, challenges, and future perspectives. Amino Acids, 2013, 45, 205-218.	2.7	59
88	Improving the Identification Rate of Endogenous Peptides Using Electron Transfer Dissociation and Collision-Induced Dissociation. Journal of Proteome Research, 2013, 12, 5410-5421.	3.7	22
89	Proteomic analysis of formalin-fixed paraffin-embedded colorectal cancer tissue using tandem mass tag protein labeling. Molecular BioSystems, 2013, 9, 2686.	2.9	19
90	Peptidomic analysis of human reflex tear fluid. Peptides, 2013, 42, 63-69.	2.4	20

#	ARTICLE	IF	CITATIONS
91	Ancient neuromodulation by vasopressin/oxytocin-related peptides. <i>Worm</i> , 2013, 2, e24246.	1.0	69
92	Interindividual Variation in the Proteome of Human Peripheral Blood Mononuclear Cells. <i>PLoS ONE</i> , 2013, 8, e61933.	2.5	23
93	Neuropeptide Secreted from a Pacemaker Activates Neurons to Control a Rhythmic Behavior. <i>Current Biology</i> , 2013, 23, 746-754.	3.9	85
94	The mode of action of juvenile hormone and ecdysone: Towards an epi-endocrinological paradigm?. <i>General and Comparative Endocrinology</i> , 2013, 188, 35-45.	1.8	39
95	Early changes in the pupal transcriptome of the flesh fly <i>Sarcophaga crassipalpis</i> to parasitization by the ectoparasitic wasp, <i>Nasonia vitripennis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 1189-1200.	2.7	51
96	Extending the honey bee venom with the antimicrobial peptide apidaecin and a protein resembling wasp antigen 5. <i>Insect Molecular Biology</i> , 2013, 22, 199-210.	2.0	36
97	A Multifaceted Study of <i>Pseudomonas aeruginosa</i> Shutdown by Virulent Podovirus LUZ19. <i>MBio</i> , 2013, 4, e00061-13.	4.1	68
98	Origin and Functional Diversification of an Amphibian Defense Peptide Arsenal. <i>PLoS Genetics</i> , 2013, 9, e1003662.	3.5	47
99	Pigment Dispersing Factor. , 2013, , 298-303.		1
100	Neuropeptides control life-phase transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7973-7974.	7.1	28
101	Sulfakinins. , 2013, , 310-314.		4
102	More than two decades of research on insect neuropeptide GPCRs: an overview. <i>Frontiers in Endocrinology</i> , 2012, 3, 151.	3.5	180
103	Neuropeptide GPCRs in <i>C. elegans</i> . <i>Frontiers in Endocrinology</i> , 2012, 3, 167.	3.5	128
104	Insect omics research coming of age1This 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.. <i>Canadian Journal of Zoology</i> , 2012, 90, 440-455.	1.0	13
105	Vasopressin/Oxytocin-Related Signaling Regulates Gustatory Associative Learning in <i>C. elegans</i> . <i>Science</i> , 2012, 338, 543-545.	12.6	162
106	Proteome changes in auricular lymph nodes and serum after dermal sensitization to toluene diisocyanate in mice. <i>Proteomics</i> , 2012, 12, 3548-3558.	2.2	9
107	Spectral Clustering in Peptidomics Studies Allows Homology Searching and Modification Profiling: HomClus, a Versatile Tool. <i>Journal of Proteome Research</i> , 2012, 11, 2774-2785.	3.7	4
108	In search for non-steroidogenic functions of the prothoracic glands of the desert locust, <i>Schistocerca gregaria</i> : A peptidomic and proteomic approach. <i>Peptides</i> , 2012, 34, 57-64.	2.4	7

#	ARTICLE	IF	CITATIONS
109	The receptor guanylate cyclase Gyc76C and a peptide ligand, NPLP1-VQQ, modulate the innate immune IMD pathway in response to salt stress. <i>Peptides</i> , 2012, 34, 209-218.	2.4	41
110	A proteomic approach to neuropeptide function elucidation. <i>Peptides</i> , 2012, 34, 3-9.	2.4	6
111	A pharmacological study of NLP-12 neuropeptide signaling in free-living and parasitic nematodes. <i>Peptides</i> , 2012, 34, 82-87.	2.4	7
112	A structural and functional comparison of nematode and crustacean PDH-like sequences. <i>Peptides</i> , 2012, 34, 74-81.	2.4	11
113	A comprehensive summary of LL-37, the factotum human cathelicidin peptide. <i>Cellular Immunology</i> , 2012, 280, 22-35.	3.0	468
114	Antifungal activity in plants from Chinese traditional and folk medicine. <i>Journal of Ethnopharmacology</i> , 2012, 143, 772-778.	4.1	52
115	PDF receptor signaling in <i>Caenorhabditis elegans</i> modulates locomotion and egg-laying. <i>Molecular and Cellular Endocrinology</i> , 2012, 361, 232-240.	3.2	41
116	Worker Honeybee Sterility: A Proteomic Analysis of Suppressed Ovary Activation. <i>Journal of Proteome Research</i> , 2012, 11, 2838-2850.	3.7	28
117	Molecular diversity of the telson and venom components from <i>Pandinus cavimanus</i> (<i>Scorpionidae</i> Latreille 1802): Transcriptome, venomomics and function. <i>Proteomics</i> , 2012, 12, 313-328.	2.2	59
118	A theoretical and experimental proteome map of <i>Pseudomonas aeruginosa</i> PAO1. <i>MicrobiologyOpen</i> , 2012, 1, 169-181.	3.0	8
119	Purification, molecular cloning and functional characterization of HelaTx1 (<i>Heterometrus laoticus</i>): The first member of a new Î ¹ -KTX subfamily. <i>Biochemical Pharmacology</i> , 2012, 83, 1307-1317.	4.4	32
120	Fruitless RNAi knockdown in the desert locust, <i>Schistocerca gregaria</i> , influences male fertility. <i>Journal of Insect Physiology</i> , 2012, 58, 265-269.	2.0	22
121	Endocrine archeology: Do insects retain ancestrally inherited counterparts of the vertebrate releasing hormones GnRH, GHRH, TRH, and CRF?. <i>General and Comparative Endocrinology</i> , 2012, 177, 18-27.	1.8	34
122	Structure-activity studies of <i>Drosophila</i> adipokinetic hormone (AKH) by a cellular expression system of dipteran AKH receptors. <i>General and Comparative Endocrinology</i> , 2012, 177, 332-337.	1.8	51
123	Genomics, Transcriptomics, and Peptidomics of <i>Daphnia pulex</i> Neuropeptides and Protein Hormones. <i>Journal of Proteome Research</i> , 2011, 10, 4478-4504.	3.7	179
124	Fruitless RNAi knockdown in males interferes with copulation success in <i>Schistocerca gregaria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 340-347.	2.7	32
125	Dispersion of peptides in vegetable oil as a simple slow release formula for both injection and oral uptake in insects: A case study with [His7]-corazonin in an albino <i>Locusta migratoria</i> deficient in corazonin. <i>Peptides</i> , 2011, 32, 1536-1539.	2.4	1
126	A Pattern Search Method for Discovering Conserved Motifs in Bioactive Peptide Families. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
127	Gonadotropin-Releasing Hormone and Adipokinetic Hormone Signaling Systems Share a Common Evolutionary Origin. <i>Frontiers in Endocrinology</i> , 2011, 2, 16.	3.5	38
128	Transcriptome Analysis of the Desert Locust Central Nervous System: Production and Annotation of a <i>Schistocerca gregaria</i> EST Database. <i>PLoS ONE</i> , 2011, 6, e17274.	2.5	90
129	Differential Proteomics in Dequeened Honeybee Colonies Reveals Lower Viral Load in Hemolymph of Fertile Worker Bees. <i>PLoS ONE</i> , 2011, 6, e20043.	2.5	19
130	Phenotypic and Genome-Wide Analysis of an Antibiotic-Resistant Small Colony Variant (SCV) of <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2011, 6, e29276.	2.5	81
131	Genome-wide analysis of alternative reproductive phenotypes in honeybee workers. <i>Molecular Ecology</i> , 2011, 20, 4070-4084.	3.9	60
132	<i>C. elegans</i> homologs of insect clock proteins: a tale of many stories. <i>Annals of the New York Academy of Sciences</i> , 2011, 1220, 137-148.	3.8	15
133	Locust phase polyphenism: Does epigenetic precede endocrine regulation?. <i>General and Comparative Endocrinology</i> , 2011, 173, 120-128.	1.8	43
134	Comparison of extraction methods for peptidomics analysis of mouse brain tissue. <i>Journal of Neuroscience Methods</i> , 2011, 197, 231-237.	2.5	16
135	Approaches to Identify Endogenous Peptides in the Soil Nematode <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2010, 615, 29-47.	0.9	17
136	Sexual differentiation in adult insects: Male-specific cuticular yellowing in <i>Schistocerca gregaria</i> as a model for reevaluating some current (neuro)endocrine concepts. <i>Journal of Insect Physiology</i> , 2010, 56, 919-925.	2.0	30
137	Identical Skin Toxins by Convergent Molecular Adaptation in Frogs. <i>Current Biology</i> , 2010, 20, 125-130.	3.9	50
138	In search for a common denominator for the diverse functions of arthropod corazonin: A role in the physiology of stress?. <i>General and Comparative Endocrinology</i> , 2010, 166, 222-233.	1.8	85
139	Proteome changes of <i>Caenorhabditis elegans</i> upon a <i>Staphylococcus aureus</i> infection. <i>Biology Direct</i> , 2010, 5, 11.	4.6	40
140	Coevolution of neuropeptidergic signaling systems: from worm to man. <i>Annals of the New York Academy of Sciences</i> , 2010, 1200, 1-14.	3.8	37
141	Peptidomics Coming of Age: A Review of Contributions from a Bioinformatics Angle. <i>Journal of Proteome Research</i> , 2010, 9, 2051-2061.	3.7	103
142	A Hybrid, <i>de Novo</i> Based, Genome-Wide Database Search Approach Applied to the Sea Urchin Neuropeptidome. <i>Journal of Proteome Research</i> , 2010, 9, 990-996.	3.7	37
143	A differential proteomics study of <i>Caenorhabditis elegans</i> infected with <i>Aeromonas hydrophila</i> . <i>Developmental and Comparative Immunology</i> , 2010, 34, 690-698.	2.3	41
144	Mass spectrometric profiling of (neuro)-peptides in the worker honeybee, <i>Apis mellifera</i> . <i>Neuropharmacology</i> , 2010, 58, 248-258.	4.1	66

#	ARTICLE	IF	CITATIONS
145	Proteome Analysis of Multiple Compartments in a Mouse Model of Chemical-Induced Asthma. Journal of Proteome Research, 2010, 9, 5868-5876.	3.7	14
146	Identification and Relative Quantification of Neuropeptides from the Endocrine Tissues. Methods in Molecular Biology, 2010, 615, 191-206.	0.9	6
147	Neuropeptide Biology in Drosophila. Advances in Experimental Medicine and Biology, 2010, 692, 192-210.	1.6	31
148	Bioinformatic Approaches to the Identification of Novel Neuropeptide Precursors. Methods in Molecular Biology, 2010, 615, 357-374.	0.9	19
149	Adipokinetic hormone signaling through the gonadotropin-releasing hormone receptor modulates egg-laying in <i>Caenorhabditis elegans</i> . Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1642-1647.	7.1	143
150	UNC-108/RAB-2 and its effector RIC-19 are involved in dense core vesicle maturation in <i>Caenorhabditis elegans</i> . Journal of Cell Biology, 2009, 186, 897-914.	5.2	90
151	Comparison of <i>Caenorhabditis elegans</i> NLP peptides with arthropod neuropeptides. Trends in Parasitology, 2009, 25, 171-181.	3.3	16
152	SIFamide illustrates the rapid evolution in Arthropod neuropeptide research. General and Comparative Endocrinology, 2009, 162, 27-35.	1.8	67
153	Bioactive peptides, networks and systems biology. BioEssays, 2009, 31, 300-314.	2.5	41
154	The hemolymph proteome of the honeybee: Gelâ€based or gelâ€free?. Proteomics, 2009, 9, 3201-3208.	2.2	35
155	Spectral clustering in peptidomics studies helps to unravel modification profile of biologically active peptides and enhances peptide identification rate. Proteomics, 2009, 9, 4381-4388.	2.2	19
156	Identification of New Members of the (Short) Neuropeptide F Family in Locusts and <i>Caenorhabditis elegans</i> . Annals of the New York Academy of Sciences, 2009, 1163, 60-74.	3.8	42
157	APRP, the Second Peptide Encoded by the Adipokinetic Hormone Gene(s), Is Highly Conserved in Evolution. Annals of the New York Academy of Sciences, 2009, 1163, 376-378.	3.8	15
158	Evolutionary Conservation of the Cholecystokinin/Gastrin Signaling System in Nematodes. Annals of the New York Academy of Sciences, 2009, 1163, 428-432.	3.8	10
159	Discovery and characterization of a conserved pigment dispersing factorâ€like neuropeptide pathway in <i>Caenorhabditis elegans</i> . Journal of Neurochemistry, 2009, 111, 228-241.	3.9	75
160	Unraveling the protective effect of a Drosophila phosphatidylethanolamine-binding protein upon bacterial infection by means of proteomics. Developmental and Comparative Immunology, 2009, 33, 1186-1195.	2.3	24
161	A neuromedin-pyrokinin-like neuropeptide signaling system in <i>Caenorhabditis elegans</i> . Biochemical and Biophysical Research Communications, 2009, 379, 760-764.	2.1	44
162	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

#	ARTICLE	IF	CITATIONS
163	Comparative peptidomics of <i>Caenorhabditis elegans</i> versus <i>C. briggsae</i> by LC-MS/MS. <i>Peptides</i> , 2009, 30, 449-457.	2.4	45
164	Cloning of neuropeptide-like precursor 1 in the gray flesh fly and peptide identification and expression. <i>Peptides</i> , 2009, 30, 522-530.	2.4	10
165	Thymosin beta 4 mRNA and peptide expression in phagocytic cells of different mouse tissues. <i>Peptides</i> , 2009, 30, 1822-1832.	2.4	31
166	Peptidomic survey of the locust neuroendocrine system. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 491-507.	2.7	78
167	Genomics, transcriptomics, and peptidomics of neuropeptides and protein hormones in the red flour beetle <i>Tribolium castaneum</i> . <i>Genome Research</i> , 2008, 18, 113-122.	5.5	359
168	Peptidomics: The integrated approach of MS, hyphenated techniques and bioinformatics for neuropeptide analysis. <i>Journal of Separation Science</i> , 2008, 31, 427-445.	2.5	95
169	Effect of Temperature and High Pressure on the Activity and Mode of Action of Fungal Pectin Methyl Esterase. <i>Biotechnology Progress</i> , 2008, 22, 1313-1320.	2.6	26
170	How functional genomics and genetics complements insect endocrinology. <i>General and Comparative Endocrinology</i> , 2008, 155, 22-30.	1.8	13
171	Peptidomics in drug research. <i>Expert Opinion on Drug Discovery</i> , 2008, 3, 425-440.	5.0	16
172	Odk2, a Kv1.3 channel-selective toxin from the venom of the Iranian scorpion <i>Odonthobuthus doriae</i> . <i>Toxicon</i> , 2008, 51, 1424-1430.	1.6	31
173	The Construction of a Bioactive Peptide Database in Metazoa. <i>Journal of Proteome Research</i> , 2008, 7, 4119-4131.	3.7	81
174	Functional Characterization of Three G Protein-coupled Receptors for Pigment Dispersing Factors in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 15241-15249.	3.4	80
175	Discovery of a Cholecystokinin-Gastrin-Like Signaling System in Nematodes. <i>Endocrinology</i> , 2008, 149, 2826-2839.	2.8	97
176	Proteomics Analysis of Cytokine-induced Dysfunction and Death in Insulin-producing INS-1E Cells. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 2180-2199.	3.8	73
177	PACAP and PDF signaling in the regulation of mammalian and insect circadian rhythms. <i>Peptides</i> , 2007, 28, 1775-1783.	2.4	21
178	Neuropeptidergic signaling in the nematode <i>Caenorhabditis elegans</i> . <i>Progress in Neurobiology</i> , 2007, 82, 33-55.	5.7	114
179	Altered neuropeptide profile of <i>Caenorhabditis elegans</i> lacking the chaperone protein 7B2 as analyzed by mass spectrometry. <i>FEBS Letters</i> , 2007, 581, 4288-4292.	2.8	28
180	Purification and Thermal and High-Pressure Inactivation of Pectinmethylesterase Isoenzymes from Tomatoes (<i>Lycopersicon esculentum</i>): A Novel Pressure Labile Isoenzyme. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9259-9265.	5.2	23

#	ARTICLE	IF	CITATIONS
181	Modulation of Rhythmic Motor Activity by Pyrokinin Peptides. <i>Journal of Neurophysiology</i> , 2007, 97, 579-595.	1.8	63
182	Impaired processing of FLP and NLP peptides in carboxypeptidase E (EGL-21)-deficient <i>Caenorhabditis elegans</i> as analyzed by mass spectrometry. <i>Journal of Neurochemistry</i> , 2007, 102, 246-260.	3.9	85
183	Effect of insulin/IGF-I like peptides on glucose metabolism in the white shrimp <i>Penaeus vannamei</i> . <i>General and Comparative Endocrinology</i> , 2007, 153, 170-175.	1.8	41
184	Neuropeptides of the islets of Langerhans: A peptidomics study. <i>General and Comparative Endocrinology</i> , 2007, 152, 231-241.	1.8	51
185	Immunocompetence of <i>Galleria mellonella</i> : Sex- and stage-specific differences and the physiological cost of mounting an immune response during metamorphosis. <i>Journal of Insect Physiology</i> , 2007, 53, 146-156.	2.0	25
186	The antimicrobial peptide parabutopirin competes with p47phox as a PKC-substrate and inhibits NADPH oxidase in human neutrophils. <i>FEBS Letters</i> , 2006, 580, 6206-6210.	2.8	20
187	The first potassium channel toxin from the venom of the Iranian scorpion <i>Odontobuthus doriae</i> . <i>FEBS Letters</i> , 2006, 580, 6254-6258.	2.8	26
188	Obestatin does not activate orphan G protein-coupled receptor GPR39. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 21-25.	2.1	209
189	Thermal and high-pressure stability of purified polygalacturonase and pectinmethylesterase from four different tomato processing varieties. <i>Food Research International</i> , 2006, 39, 440-448.	6.2	63
190	Cloning and characterization of a third isoform of corazonin in the honey bee <i>Apis mellifera</i> . <i>Peptides</i> , 2006, 27, 493-499.	2.4	27
191	FMRamide related peptide ligands activate the <i>Caenorhabditis elegans</i> orphan GPCR Y59H11AL.1. <i>Peptides</i> , 2006, 27, 1291-1296.	2.4	46
192	Uncovering conserved patterns in bioactive peptides in Metazoa. <i>Peptides</i> , 2006, 27, 3137-3153.	2.4	31
193	Defective processing of neuropeptide precursors in <i>Caenorhabditis elegans</i> lacking proprotein convertase-2 (KPC-2/EGL-3): mutant analysis by mass spectrometry. <i>Journal of Neurochemistry</i> , 2006, 98, 1999-2012.	3.9	123
194	Insights into social insects from the genome of the honeybee <i>Apis mellifera</i> . <i>Nature</i> , 2006, 443, 931-949.	27.8	1,648
195	Identification of new immune induced molecules in the haemolymph of <i>Drosophila melanogaster</i> by 2D-nanoLC MS/MS. <i>Journal of Insect Physiology</i> , 2006, 52, 379-388.	2.0	53
196	Annotation of novel neuropeptide precursors in the migratory locust based on transcript screening of a public EST database and mass spectrometry. <i>BMC Genomics</i> , 2006, 7, 201.	2.8	60
197	Molecular Cloning, Tissue Distribution, and Ontogenic Thyroidal Expression of the Chicken Thyrotropin Receptor. <i>Endocrinology</i> , 2006, 147, 3943-3951.	2.8	15
198	Actions of kinin peptides in the stomatogastric ganglion of the crab <i>Cancer borealis</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 3664-3676.	1.7	13

#	ARTICLE	IF	CITATIONS
199	From the Genome to the Proteome: Uncovering Peptides in the Apis Brain. <i>Science</i> , 2006, 314, 647-649.	12.6	309
200	In Silico Identification of New Secretory Peptide Genes in <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Proteomics</i> , 2006, 5, 510-522.	3.8	85
201	Sulfakinins. , 2006, , 183-187.		16
202	Bioinformatic Analysis of Peptide Precursor Proteins. <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 59-65.	3.8	27
203	Characterization of an RFamide-Related Peptide Orphan GPCR in <i>C. elegans</i> . <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 410-412.	3.8	10
204	Differential Proteomics for Studying <i>Drosophila</i> Immunity. <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 504-507.	3.8	9
205	Preface: The Beauty of the Comparative Approach. <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, xv-xix.	3.8	0
206	Peptidomic analysis of the larval <i>Drosophila melanogaster</i> central nervous system by two-dimensional capillary liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005, 40, 250-260.	1.6	161
207	Mass spectrometric analysis of head ganglia and neuroendocrine tissue of larval <i>Galleria mellonella</i> (Arthropoda, Insecta). <i>Journal of Mass Spectrometry</i> , 2005, 40, 271-276.	1.6	14
208	Gel-Based Versus Gel-Free Proteomics: A Review. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2005, 8, 669-677.	1.1	149
209	Molecular characterization of two G protein-coupled receptor splice variants as FLP2 receptors in <i>Caenorhabditis elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 967-974.	2.1	40
210	Discovering neuropeptides in <i>Caenorhabditis elegans</i> by two dimensional liquid chromatography and mass spectrometry. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 76-86.	2.1	119
211	OD1, the first toxin isolated from the venom of the scorpion <i>Odonthobuthus doriae</i> active on voltage-gated Na ⁺ channels. <i>FEBS Letters</i> , 2005, 579, 4181-4186.	2.8	52
212	Melatonin-induced neuropeptide release from isolated locust corpora cardiaca. <i>Peptides</i> , 2005, 26, 73-80.	2.4	16
213	Aliphatic amino diacid Asu functions as an effective mimic of Tyr(SO ₃ H) in sulfakinins for myotropic and food intake-inhibition activity in insects. <i>Peptides</i> , 2005, 26, 115-120.	2.4	15
214	PDF Receptor Signaling in <i>Drosophila</i> Contributes to Both Circadian and Geotactic Behaviors. <i>Neuron</i> , 2005, 48, 213-219.	8.1	313
215	Expression of a novel neuropeptide, NVGTLARDFQLPIPNamide, in the larval and adult brain of <i>Drosophila melanogaster</i> . <i>Journal of Neurochemistry</i> , 2004, 88, 311-319.	3.9	40
216	Postgenomic characterization of G-protein-coupled receptors. <i>Pharmacogenomics</i> , 2004, 5, 657-672.	1.3	33

#	ARTICLE	IF	CITATIONS
217	A proteomic approach for the analysis of instantly released wound and immune proteins in <i>Drosophila melanogaster</i> hemolymph. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 470-475.	7.1	145
218	Cloning and tissue distribution of the chicken type 2 corticotropin-releasing hormone receptor. <i>General and Comparative Endocrinology</i> , 2004, 138, 89-95.	1.8	28
219	New insights into the evolution of the GRF superfamily based on sequence similarity between the locust APRPs and human GRF. <i>General and Comparative Endocrinology</i> , 2004, 139, 173-178.	1.8	20
220	Mas-allatotropin/Lom-AG-myotropin I immunostaining in the brain of the locust, <i>Schistocerca gregaria</i> . <i>Cell and Tissue Research</i> , 2004, 318, 439-457.	2.9	45
221	Peptidomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 803, 3-16.	2.3	124
222	Functional characterization of the putative orphan neuropeptide G-protein coupled receptor C26F1.6 in <i>Caenorhabditis elegans</i> . <i>FEBS Letters</i> , 2004, 573, 55-60.	2.8	45
223	Neuropeptidomics of the grey flesh fly, <i>Neobellieria bullata</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 763-770.	2.1	53
224	Diapausing Colorado potato beetles are devoid of short neuropeptide F I and II. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 909-916.	2.1	60
225	The instantly released <i>Drosophila</i> immune proteome is infection-specific. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 1052-1060.	2.1	52
226	SIFamide is a highly conserved neuropeptide: a comparative study in different insect species. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 334-341.	2.1	98
227	Fraenkel's pupariation factor identified at last. <i>Developmental Biology</i> , 2004, 273, 38-47.	2.0	45
228	Identification of 1-lysophosphatidylethanolamine (C16:1) as an antimicrobial compound in the housefly, <i>Musca domestica</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 43-49.	2.7	44
229	The use of peptidomics in endocrine research. <i>General and Comparative Endocrinology</i> , 2003, 132, 1-9.	1.8	58
230	Identification of tryptophan and \hat{I}^2 -carboline as paralysins in larvae of the yellow mealworm, <i>Tenebrio molitor</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 64-71.	2.1	27
231	Neurotoxic and neurobehavioral effects of kynurenines in adult insects. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 1171-1177.	2.1	38
232	Mass spectrometric analysis of the perisymphatic organs in locusts: identification of novel periviscerokinins. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 422-428.	2.1	46
233	Proteomics in <i>Drosophila melanogaster</i> : first 2D database of larval hemolymph proteins. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 831-838.	2.1	92
234	Neuropeptidomic analysis of the brain and thoracic ganglion from the Jonah crab, <i>Cancer borealis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 535-544.	2.1	131

#	ARTICLE	IF	CITATIONS
235	Isolation, identification and localization of a second beetle antidiuretic peptide. <i>Peptides</i> , 2003, 24, 27-34.	2.4	45
236	G Protein-Coupled Receptors in Invertebrates: A State of the Art. <i>International Review of Cytology</i> , 2003, 230, 189-261.	6.2	38
237	Osmotic lysis of corpora cardiaca using distilled water reveals the presence of partially processed peptides and peptide fragments. <i>Physiological Entomology</i> , 2003, 28, 46-53.	1.5	12
238	Peptidomics in <i>Drosophila melanogaster</i> . <i>Briefings in Functional Genomics & Proteomics</i> , 2003, 2, 114-120.	3.8	37
239	Identification of a Glycogenolysis-Inhibiting Peptide from the Corpora Cardiaca of Locusts. <i>Endocrinology</i> , 2003, 144, 3441-3448.	2.8	20
240	Presence of [His ¹ ;7 ¹]-corazonin in the central nervous system of a newly isolated albino strain of <i>Schistocerca gregaria</i> (Orthoptera: Acrididae) - mass spectrometric and immunocytochemical evidence. <i>European Journal of Entomology</i> , 2003, 100, 455-458.	1.2	1
241	Isolation of angiotensin converting enzyme from testes of <i>Locusta migratoria</i> (Orthoptera). <i>European Journal of Entomology</i> , 2003, 100, 467-474.	1.2	9
242	Activity of crustacean myotropic neuropeptides on the oviduct and hindgut of the crayfish <i>Astacus leptodactylus</i> . <i>Invertebrate Reproduction and Development</i> , 2002, 41, 137-142.	0.8	2
243	Peptidomics of the Larval <i>Drosophila melanogaster</i> Central Nervous System. <i>Journal of Biological Chemistry</i> , 2002, 277, 40368-40374.	3.4	259
244	Nonlinear partial differential equations and applications: Identification in <i>Drosophila melanogaster</i> of the invertebrate G protein-coupled FMRFamide receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15363-15368.	7.1	96
245	Characterization of an orphan G protein-coupled receptor localized in the dorsal root ganglia reveals adenine as a signaling molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8573-8578.	7.1	116
246	Search for candidate gonadotropins in extracts of the corpus cardiacum of the fleshfly, <i>Neobellieria bullata</i> . <i>Invertebrate Reproduction and Development</i> , 2002, 41, 119-125.	0.8	2
247	Trypsin and Chymotrypsin Inhibitors in Insects and Gut Leeches. <i>Current Pharmaceutical Design</i> , 2002, 8, 483-491.	1.9	20
248	Isolation and identification of the AKH III precursor-related peptide from <i>Locusta migratoria</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1112-1117.	2.1	25
249	Characterization of the short neuropeptide F receptor from <i>Drosophila melanogaster</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 1140-1148.	2.1	124
250	Presence of angiotensin converting enzyme (ACE) interactive factors in ovaries of the grey fleshfly <i>Neobellieria bullata</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 132, 27-35.	1.6	11
251	Peptide differential display: a novel approach for phase transition in locusts. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 132, 107-115.	1.6	36
252	Isolation and characterization of an angiotensin converting enzyme substrate from vitellogenic ovaries of <i>Neobellieria bullata</i> . <i>Peptides</i> , 2002, 23, 1853-1863.	2.4	11

#	ARTICLE	IF	CITATIONS
253	Purification, characterization and biosynthesis of parabutoxin α 3, a component of <i>Parabuthus transvaalicus</i> venom. FEBS Journal, 2002, 269, 1854-1865.	0.2	26
254	Characterization of four substrates emphasizes kinetic similarity between insect and human C-domain angiotensin-converting enzyme. FEBS Journal, 2002, 269, 3522-3530.	0.2	12
255	Antibacterial and antifungal properties of α -helical, cationic peptides in the venom of scorpions from southern Africa. FEBS Journal, 2002, 269, 4799-4810.	0.2	157
256	The angiotensin system elements in invertebrates. Brain Research Reviews, 2001, 36, 35-45.	9.0	46
257	Electrophysiological characterization of Bm K M1, an α -like toxin from <i>Buthus martensi</i> Karsch venom. FEBS Letters, 2001, 495, 61-65.	2.8	29
258	Pyrokinin neuropeptides in a crustacean. FEBS Journal, 2001, 268, 149-154.	0.2	69
259	Peptidomics of the pars intercerebralis-corpora cardiaca complex of the migratory locust, <i>Locusta migratoria</i> . FEBS Journal, 2001, 268, 1929-1939.	0.2	135
260	Gonadotropins in insects: An overview. Archives of Insect Biochemistry and Physiology, 2001, 47, 129-138.	1.5	87
261	Mass spectrometric evidence for the deficiency in the dark-color-inducing hormone, [His7]-corazonin in an albino strain of <i>Locusta migratoria</i> as well as for its presence in solitary <i>Schistocerca gregaria</i> . Archives of Insect Biochemistry and Physiology, 2001, 47, 150-160.	1.5	23
262	Testis ecdysiotropin, an insect gonadotropin that induces synthesis of ecdysteroid. Archives of Insect Biochemistry and Physiology, 2001, 47, 181-188.	1.5	35
263	Effect of <i>Bacillus thuringiensis</i> Cry1 Toxins in Insect Hemolymph and Their Neurotoxicity in Brain Cells of <i>Lymantria dispar</i> . Applied and Environmental Microbiology, 2001, 67, 3923-3927.	3.1	22
264	Identification of novel periviscerokinins from single neurohaemal release sites in insects. FEBS Journal, 2000, 267, 3869-3873.	0.2	44
265	Sulfakinins reduce food intake in the desert locust, <i>Schistocerca gregaria</i> . Journal of Insect Physiology, 2000, 46, 1259-1265.	2.0	116
266	Identification of [Arg7] corazonin in the silkworm, <i>Bombyx mori</i> and the cricket, <i>Gryllus bimaculatus</i> , as a factor inducing dark color in an albino strain of the locust, <i>Locusta migratoria</i> . Journal of Insect Physiology, 2000, 46, 853-860.	2.0	63
267	The pigmentotropic hormone [His7]-corazonin, absent in a <i>Locusta migratoria</i> albino strain, occurs in an albino strain of <i>Schistocerca gregaria</i> . Molecular and Cellular Endocrinology, 2000, 168, 101-109.	3.2	34
268	The Kinin Peptide Family in Invertebrates. Annals of the New York Academy of Sciences, 1999, 897, 361-373.	3.8	58
269	Several Isoforms of Locust tachykinins May Be Involved in Cyclic AMP-Mediated Release of Adipokinetic Hormones from the Locust Corpora cardiaca. General and Comparative Endocrinology, 1999, 113, 401-412.	1.8	27
270	Partial identification of a peptide that stimulates the primary urine production of single isolated Malpighian tubules of the forest ant, <i>Formica polyctena</i> . Journal of Insect Physiology, 1999, 45, 743-753.	2.0	5

#	ARTICLE	IF	CITATIONS
271	Immunolocalization of a tachykinin-receptor-like protein in the central nervous system of <i>Locusta migratoria migratorioides</i> and <i>neobellieria bullata</i> . <i>Journal of Comparative Neurology</i> , 1999, 407, 415-426.	1.6	15
272	Identification of a New Tachykinin from the Midgut of the Desert Locust, <i>Schistocerca gregaria</i> , by ESI-Qq-TOF Mass Spectrometry. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 237-242.	2.1	27
273	Isolation and immunocytochemical characterization of three tachykinin-related peptides from the mosquito, <i>Culex salinarius</i> . <i>Neurochemical Research</i> , 1998, 23, 189-202.	3.3	37
274	Angiotensin II and Angiotensin-Converting Enzyme as Candidate Compounds Modulating the Effects of Testis Ecdysiotropin in Testes of the Gypsy Moth, <i>Lymantria dispar</i> L. <i>General and Comparative Endocrinology</i> , 1998, 112, 232-239.	1.8	19
275	Toward a Role for Angiotensin-Converting Enzyme in Insects. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 288-292.	3.8	21
276	Ecdysiostats and Allatostats in <i>Schistocerca gregaria</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 301-305.	3.8	7
277	Immunocytochemical distribution of angiotensin I-converting enzyme-like immunoreactivity in the brain and testis of insects. <i>Brain Research</i> , 1998, 785, 215-227.	2.2	50
278	Cloning of two cDNAs encoding three small serine protease inhibiting peptides from the desert locust <i>Schistocerca gregaria</i> and analysis of tissue-dependent and stage-dependent expression. <i>FEBS Journal</i> , 1998, 254, 90-95.	0.2	29
279	Biological Activity of Structural Analogs and Effect of Oil as a Carrier of Trypsin Modulating Oostatic Factor of the Gray Fleshfly <i>Neobellieria bullata</i> . <i>Peptides</i> , 1998, 19, 627-634.	2.4	10
280	Purification and characterization of a group of five novel peptide serine protease inhibitors from ovaries of the desert locust, <i>Schistocerca gregaria</i> . <i>FEBS Letters</i> , 1998, 422, 74-78.	2.8	60
281	The Ovary of the Desert Locust <i>Schistocerca gregaria</i> Contains a Glycine- and Proline-Rich Peptide That Displays Sequence Similarities with a New Class of GPRP Proteins from Plants. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 390-394.	2.1	7
282	Purification of Toxic Compounds from Larvae of the Gray Fleshfly: The Identification of Paralysins. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 457-462.	2.1	22
283	Identification of One Tachykinin- and Two Kinin-Related Peptides in the Brain of the White Shrimp, <i>Penaeus vannamei</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 406-411.	2.1	61
284	Peptidergic Control of the Corpus Cardiacum-Corpora Allata Complex of Locusts. <i>International Review of Cytology</i> , 1998, 182, 249-302.	6.2	66
285	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. <i>Biochemical Journal</i> , 1998, 330, 61-65.	3.7	49
286	Purification of a Novel, Heat-Stable Serine Protease Inhibitor Protein from Ovaries of the Desert Locust, <i>Schistocerca gregaria</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 357-360.	2.1	13
287	Identification of Two Novel Peptides from the Central Nervous System of the Desert Locust, <i>Schistocerca gregaria</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 530-534.	2.1	28
288	Insect Neuropeptides and Their Receptors. <i>Trends in Endocrinology and Metabolism</i> , 1997, 8, 321-326.	7.1	17

#	ARTICLE	IF	CITATIONS
289	Peptides in the Locusts, <i>Locusta migratoria</i> and <i>Schistocerca gregaria</i> . <i>Peptides</i> , 1997, 18, 145-156.	2.4	149
290	False Positive Immunostaining of <i>Locusta</i> Neurosecretory Cells with a Variety of Preimmune Sera. <i>General and Comparative Endocrinology</i> , 1997, 106, 231-240.	1.8	4
291	Immunocytochemical distribution of locustamyoinhibiting peptide (Lom-MIP) in the nervous system of <i>Locusta migratoria</i> . <i>Regulatory Peptides</i> , 1996, 63, 171-179.	1.9	11
292	Isolation and characterization of eight myoinhibiting peptides from the desert locust, <i>Schistocerca gregaria</i> : new members of the cockroach allatostatin family. <i>Molecular and Cellular Endocrinology</i> , 1996, 122, 183-190.	3.2	93
293	Isolation and characterization of schistostatin-211â€“18 from the desert locust, <i>Schistocerca gregaria</i> : A truncated analog of schistostatin-2. <i>Regulatory Peptides</i> , 1996, 67, 195-199.	1.9	35
294	Isolation and characterization of <i>Locusta migratoria</i> accessory gland myotropin I (Lom-AG-MT-I) from the brain of the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 1996, 31, 149-155.	1.5	28
295	The folliculostatins of two dipteran insect species, their relation to matrix proteins and prospects for practical applications. <i>Entomologia Experimentalis Et Applicata</i> , 1995, 77, 1-9.	1.4	11
296	Locustamyoinhibin-like (Lom-MIH) immunoreactivity in the head ganglia of the insects <i>Neobellieria bullata</i> , <i>Mamestra brassicae</i> , <i>Leptinotarsa decemlineata</i> and <i>Leucophaea maderae</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1995, 111, 461-467.	0.6	1
297	Immunological evidence for an allatostatin-like neuropeptide in the central nervous system of <i>Schistocerca gregaria</i> , <i>Locusta migratoria</i> and <i>Neobellieria bullata</i> . <i>Cell and Tissue Research</i> , 1995, 279, 601-611.	2.9	50
298	Selective Inhibition of Protein Phosphorylation in the Corpora Allata of the Desert Locust (<i>Schistocerca Gregaria</i>) By Schistostatin-10 (Scg-Ast 10). <i>Animal Biology</i> , 1995, 46, 290-298.	0.4	1
299	Folliculostatins, gonadotropins and a model for control of growth in the grey fleshfly, <i>Neobellieria (Sarcophaga) bullata</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1995, 25, 661-667.	2.7	43
300	Identification, characterization, and immunological localization of a novel myotropic neuropeptide in the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> . <i>Peptides</i> , 1995, 16, 365-374.	2.4	10
301	Isolation and identification of Lom-SG-SASP, a salivation stimulating peptide from the salivary glands of <i>Locusta migratoria</i> . <i>Regulatory Peptides</i> , 1995, 57, 221-226.	1.9	16
302	Isolation of Ala ¹ -proctolin, the first natural analogue of proctolin, from the brain of the Colorado potato beetle. <i>Molecular and Cellular Endocrinology</i> , 1995, 110, 119-124.	3.2	23
303	Immunological evidence for an allatostatin-like neuropeptide in the central nervous system of <i>Schistocerca gregaria</i> , <i>Locusta migratoria</i> and <i>Neobellieria bullata</i> . <i>Cell and Tissue Research</i> , 1995, 279, 601-611.	2.9	13
304	Partial identification, synthesis and immunolocalization of locustamyoinhibin, the third myoinhibiting neuropeptide isolated from <i>Locusta migratoria</i> . <i>Regulatory Peptides</i> , 1994, 52, 139-156.	1.9	13
305	Isolation, Identification, and Synthesis of AKH-I4-10 from <i>Locusta migratoria</i> . <i>General and Comparative Endocrinology</i> , 1993, 90, 364-371.	1.8	11
306	The myotropic peptides of <i>Locusta migratoria</i> : Structures, distribution, functions and receptors. <i>Insect Biochemistry and Molecular Biology</i> , 1993, 23, 859-881.	2.7	210

#	ARTICLE	IF	CITATIONS
307	Isolation, identification and synthesis of locustapyrokinin II from <i>Locusta migratoria</i> , another member of the FXPRamide peptide family. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1993, 106, 103-109.	0.5	17
308	Silkworm diapause induction activity of myotropic pyrokinin (FXPRamide) insect neuropeptides. <i>Peptides</i> , 1993, 14, 1043-1048.	2.4	82
309	Isolation, identification and synthesis of PDVDHFLRFamide (SchistoFLRFamide) in <i>Locusta migratoria</i> and its association with the male accessory glands, the salivary glands, the heart, and the oviduct. <i>Peptides</i> , 1993, 14, 409-421.	2.4	109
310	Melanotropic Peptides in Insects. <i>Annals of the New York Academy of Sciences</i> , 1993, 680, 600-602.	3.8	10
311	Induction of Cuticular Melanization in the Armyworm Larvae, <i>Pseudaletia separata</i> , by Insect Myotropic Neuropeptides Possessing FXPRamide at the C-Terminus. <i>Journal of Pesticide Sciences</i> , 1993, 18, 127-129.	1.4	20
312	In Vivo and In Vitro Pheromoneotropic Activity of Two Locust tachykinin Peptides in <i>Bombyx mori</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 1692-1693.	1.3	39
313	Isolation, identification and synthesis of locustamyotropin III and IV, two additional neuropeptides of <i>Locusta migratoria</i> : Members of the locustamyotropin peptide family. <i>Insect Biochemistry and Molecular Biology</i> , 1992, 22, 447-452.	2.7	49
314	Locustakinin, a novel myotropic peptide from <i>Locusta migratoria</i> , isolation, primary structure and synthesis. <i>Regulatory Peptides</i> , 1992, 37, 49-57.	1.9	94
315	Distribution of locustamyotropin-like immunoreactivity in the nervous system of <i>Locusta migratoria</i> . <i>Regulatory Peptides</i> , 1992, 37, 237-254.	1.9	45
316	Functional cross-reactivities of some locustamyotropins and <i>Bombyx</i> pheromone biosynthesis activating neuropeptide. <i>Journal of Insect Physiology</i> , 1992, 38, 651-657.	2.0	68
317	Isolation, primary structure and synthesis of neomyosuppressin, a myoinhibiting neuropeptide from the grey fleshfly, <i>Neobellieria bullata</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 102, 239-245.	0.2	42
318	Isolation and primary structure of two sulfakinin-like peptides from the fleshfly, <i>Neobellieria bullata</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 103, 135-142.	0.2	30
319	Isolation, identification and synthesis of locustamyoinhibiting peptide (LOM-MIP), a novel biologically active neuropeptide from <i>Locusta migratoria</i> . <i>Regulatory Peptides</i> , 1991, 36, 111-119.	1.9	153
320	Isolation, identification and synthesis of novel oviductal motility stimulating head peptide in the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> . <i>Peptides</i> , 1991, 12, 31-36.	2.4	20
321	Insect Myotropic Peptides. <i>ACS Symposium Series</i> , 1991, , 40-50.	0.5	17
322	Isolation, primary structure, and synthesis of locustapyrokinin: A myotropic peptide of <i>Locusta migratoria</i> . <i>General and Comparative Endocrinology</i> , 1991, 81, 97-104.	1.8	104
323	Isolation, identification and synthesis of locustamyotropin II, an additional neuropeptide of <i>Locusta migratoria</i> : Member of the cephalomyotropic peptide family. <i>Insect Biochemistry</i> , 1990, 20, 479-484.	1.8	63
324	Homologies between the amino acid sequences of some vertebrate peptide hormones and peptides isolated from invertebrate sources. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990, 95, 459-468.	0.2	48

#	ARTICLE	IF	CITATIONS
325	The occurrence of myotropic factors in the intestine and malpighian tubules of <i>Locusta migratoria</i> . Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1990, 97, 195-199.	0.2	2
326	Isolation, identification and synthesis of locustamyotropin (Lom-MT), a novel biologically active insect peptide. Peptides, 1990, 11, 427-433.	2.4	73
327	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
328	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
329	Methionine-enkephalin immunoreactivity in the gonads and nervous system of two insect species: <i>Locusta migratoria</i> and <i>Sarcophaga bullata</i> . General and Comparative Endocrinology, 1988, 69, 1-12.	1.8	16
330	Biological, chromatographical, and radioimmunological evidence for a melanotropin-like peptide in the central nervous system of <i>Locusta migratoria</i> . General and Comparative Endocrinology, 1988, 71, 36-44.	1.8	9
331	Localization of Methionine-Enkephalin-Like Peptides in the Nervous System and Ovaries of the <i>Calliphora vomitoria</i> During the First Reproductive Cycle. International Journal of Invertebrate Reproduction and Development, 1988, 14, 81-93.	0.7	1
332	Localization of melanotropin-like peptides in the central nervous system of two insect species, the migratory locust, <i>Locusta migratoria</i> , and the fleshfly, <i>Sarcophaga bullata</i> . Cell and Tissue Research, 1987, 248, 25-31.	2.9	34
333	Peptidomics in Neuroendocrine Research: A <i>Caenorhabditis elegans</i> and <i>Mus musculus</i> Study. , 0, , 355-386.		1