

Liliane Schoofs

List of Publications by Year in descending order

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Version: 2024-02-01

333
papers

17,657
citations

17776

65
h-index

25983

112
g-index

345
all docs

345
docs citations

345
times ranked

15925
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuromodulatory pathways in learning and memory: Lessons from invertebrates. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12911.	1.2	23
2	A conserved neuropeptide system links head and body motor circuits to enable adaptive behavior. <i>ELife</i> , 2021, 10, .	2.8	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.	1.0	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.	1.3	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.	1.7	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.	1.6	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.	5.8	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.	3.3	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.	1.4	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.	1.1	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 fukinic 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.	1.1	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.	1.4	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.	2.6	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.	1.1	44

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19	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	3.8	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.	5.8	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.	5.3	20
22	Regulation of Feeding and Metabolism by Neuropeptide F and Short Neuropeptide F in Invertebrates. <i>Frontiers in Endocrinology</i> , 2019, 10, 64.	1.5	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.	1.4	12
24	Myoinhibitory peptide signaling modulates aversive gustatory learning in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2019, 15, e1007945.	1.5	25
25	Intraluminal Farnesol and Farnesal in the Mealworm's Alimentary Canal: An Unusual Storage Site Uncovering Hidden Eukaryote Ca ²⁺ -Homeostasis-Dependent "Golgin" Activities. <i>Frontiers in Endocrinology</i> , 2019, 10, 885.	1.5	4
26	Exploring neuropeptide signalling through proteomics and peptidomics. <i>Expert Review of Proteomics</i> , 2019, 16, 131-137.	1.3	4
27	Mass spectrometric evidence for neuropeptide-amidating enzymes in <i>C. elegans</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 6052-6063.	1.6	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.	1.2	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.	1.2	25
30	Three-dimensional cell culture models for anticancer drug screening: Worth the effort?. <i>Journal of Cellular Physiology</i> , 2018, 233, 2993-3003.	2.0	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.	1.2	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.	1.5	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.	0.8	14
34	Quantitative Peptidomics with Isotopic and Isobaric Tags. <i>Methods in Molecular Biology</i> , 2018, 1719, 141-159.	0.4	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.	1.2	100
36	Individual and genetic task specialization in policing behaviour in the European honeybee. <i>Animal Behaviour</i> , 2017, 128, 95-102.	0.8	2

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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.	3.3	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.	2.6	16
39	An oxytocin-dependent social interaction between larvae and adult <i>C. elegans</i> . Scientific Reports, 2017, 7, 10122.	1.6	36
40	Neuropeptides as Regulators of Behavior in Insects. Annual Review of Entomology, 2017, 62, 35-52.	5.7	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.	1.1	21
43	The RFamide receptor DMSR-1 regulates stress-induced sleep in <i>C. elegans</i> . ELife, 2017, 6, .	2.8	55
44	The use of elemental mass spectrometry in phosphoproteomic applications. Mass Spectrometry Reviews, 2016, 35, 350-360.	2.8	32
45	GPCRs Direct Germline Development and Somatic Gonad Function in Planarians. PLoS Biology, 2016, 14, e1002457.	2.6	42
46	UV crosslinked mRNA-binding proteins captured from leaf mesophyll protoplasts. Plant Methods, 2016, 12, 42.	1.9	53
47	Ageing with <i>elegans</i> : a research proposal to map healthspan pathways. Biogerontology, 2016, 17, 771-782.	2.0	31
48	Molecular mechanisms of LL-37-induced receptor activation: An overview. Peptides, 2016, 85, 16-26.	1.2	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.	0.8	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.	0.9	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.	1.8	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.	1.2	28

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55	The endocrine system controlling sexual reproduction in animals: Part of the evolutionary ancient but well conserved immune system?. <i>General and Comparative Endocrinology</i> , 2016, 226, 56-71.	0.8	14
56	Neuropeptide-Driven Cross-Modal Plasticity following Sensory Loss in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2016, 14, e1002348.	2.6	26
57	Super-resolution mapping of glutamate receptors in <i>C. elegans</i> by confocal correlated PALM. <i>Scientific Reports</i> , 2015, 5, 13532.	1.6	21
58	Peptidomics of Neuropeptidergic Tissues of the Tsetse Fly <i>Glossina morsitans morsitans</i> . <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 2024-2038.	1.2	28
59	Pigment-dispersing factor signaling in the circadian system of <i>Caenorhabditis elegans</i> . <i>Genes, Brain and Behavior</i> , 2015, 14, 493-501.	1.1	17
60	Determination of Variation Parameters as a Crucial Step in Designing TMT-Based Clinical Proteomics Experiments. <i>PLoS ONE</i> , 2015, 10, e0120115.	1.1	22
61	Evaluation of the antibacterial and antibiofilm activities of novel CRAMP-vancomycin conjugates with diverse linkers. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7477-7486.	1.5	34
62	Metabolic profiling of a transgenic <i>Caenorhabditis elegans</i> Alzheimer model. <i>Metabolomics</i> , 2015, 11, 477-486.	1.4	33
63	Epigenetics and locust life phase transitions. <i>Journal of Experimental Biology</i> , 2015, 218, 88-99.	0.8	68
64	Integrating -Omics: Systems Biology as Explored Through <i>C. elegans</i> Research. <i>Journal of Molecular Biology</i> , 2015, 427, 3441-3451.	2.0	30
65	A Globin Domain in a Neuronal Transmembrane Receptor of <i>Caenorhabditis elegans</i> and <i>Ascaris suum</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 10336-10352.	1.6	7
66	Functional neuropeptidomics in invertebrates. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 812-826.	1.1	35
67	The benefits and limitations of reaction cell and sector field inductively coupled plasma mass spectrometry in the detection and quantification of phosphopeptides. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 35-44.	0.7	8
68	Initiation of metamorphosis and control of ecdysteroid biosynthesis in insects: The interplay of absence of Juvenile hormone, PTTH, and Ca ²⁺ -homeostasis. <i>Peptides</i> , 2015, 68, 120-129.	1.2	34
69	FRPR-4 Is a G-Protein Coupled Neuropeptide Receptor That Regulates Behavioral Quiescence and Posture in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2015, 10, e0142938.	1.1	19
70	Proteomic Alterations in B Lymphocytes of Sensitized Mice in a Model of Chemical-Induced Asthma. <i>PLoS ONE</i> , 2015, 10, e0138791.	1.1	1
71	Metformin promotes lifespan through mitohormesis via the peroxiredoxin PRDX-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2501-9.	3.3	289
72	The FMRamide-Like Peptide Family in Nematodes. <i>Frontiers in Endocrinology</i> , 2014, 5, 90.	1.5	72

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73	Life-prolonging measures for a dead theory?. <i>Age</i> , 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?. <i>Expert Review of Proteomics</i> , 2014, 11, 449-463.	1.3	9
75	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. <i>Science</i> , 2014, 344, 380-386.	6.0	254
76	Royalactin extends lifespan of <i>Caenorhabditis elegans</i> through epidermal growth factor signaling. <i>Experimental Gerontology</i> , 2014, 60, 129-135.	1.2	37
77	Functional characterization of a short neuropeptide F-related receptor in a Lophotrochozoa, the mollusk <i>Crassostrea gigas</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 2974-82.	0.8	31
78	Derivatives of the Mouse Cathelicidin-Related Antimicrobial Peptide (CRAMP) Inhibit Fungal and Bacterial Biofilm Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5395-5404.	1.4	55
79	Worm peptidomics. <i>EuPA Open Proteomics</i> , 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. <i>General and Comparative Endocrinology</i> , 2014, 199, 70-85.	0.8	24
81	Reproduction of honeybee workers is regulated by epidermal growth factor receptor signaling. <i>General and Comparative Endocrinology</i> , 2014, 197, 1-4.	0.8	17
82	Characterization of G Protein-coupled Receptors by a Fluorescence-based Calcium Mobilization Assay. <i>Journal of Visualized Experiments</i> , 2014, , e51516.	0.2	13
83	Farnesol-Like Endogenous Sesquiterpenoids in Vertebrates: The Probable but Overlooked Functional Role in Invertebrates: Anti-Aging Counterpart of Juvenile Hormone of Insects?. <i>Frontiers in Endocrinology</i> , 2014, 5, 222.	1.5	11
84	Characterization of genome methylation patterns in the desert locust <i>Schistocerca gregaria</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 1423-9.	0.8	71
85	Frog nuptial pads secrete mating season-specific proteins related to salamander pheromones. <i>Journal of Experimental Biology</i> , 2013, 216, 4139-43.	0.8	27
86	The Fading Electricity Theory of Ageing: The missing biophysical principle?. <i>Ageing Research Reviews</i> , 2013, 12, 58-66.	5.0	24
87	Analysis of the formalin-fixed paraffin-embedded tissue proteome: pitfalls, challenges, and future perspectives. <i>Amino Acids</i> , 2013, 45, 205-218.	1.2	59
88	Improving the Identification Rate of Endogenous Peptides Using Electron Transfer Dissociation and Collision-Induced Dissociation. <i>Journal of Proteome Research</i> , 2013, 12, 5410-5421.	1.8	22
89	Proteomic analysis of formalin-fixed paraffin-embedded colorectal cancer tissue using tandem mass tag protein labeling. <i>Molecular BioSystems</i> , 2013, 9, 2686.	2.9	19
90	Peptidomic analysis of human reflex tear fluid. <i>Peptides</i> , 2013, 42, 63-69.	1.2	20

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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.	1.1	23
93	Neuropeptide Secreted from a Pacemaker Activates Neurons to Control a Rhythmic Behavior. <i>Current Biology</i> , 2013, 23, 746-754.	1.8	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.	0.8	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.	1.2	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.	1.0	36
97	A Multifaceted Study of <i>Pseudomonas aeruginosa</i> Shutdown by Virulent Podovirus LUZ19. <i>MBio</i> , 2013, 4, e00061-13.	1.8	68
98	Origin and Functional Diversification of an Amphibian Defense Peptide Arsenal. <i>PLoS Genetics</i> , 2013, 9, e1003662.	1.5	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.	3.3	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.	1.5	180
103	Neuropeptide GPCRs in <i>C. elegans</i> . <i>Frontiers in Endocrinology</i> , 2012, 3, 167.	1.5	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.	0.4	13
105	Vasopressin/Oxytocin-Related Signaling Regulates Gustatory Associative Learning in <i>C. elegans</i> . <i>Science</i> , 2012, 338, 543-545.	6.0	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.	1.3	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.	1.8	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.	1.2	7

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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.	1.2	41
110	A proteomic approach to neuropeptide function elucidation. <i>Peptides</i> , 2012, 34, 3-9.	1.2	6
111	A pharmacological study of NLP-12 neuropeptide signaling in free-living and parasitic nematodes. <i>Peptides</i> , 2012, 34, 82-87.	1.2	7
112	A structural and functional comparison of nematode and crustacean PDH-like sequences. <i>Peptides</i> , 2012, 34, 74-81.	1.2	11
113	A comprehensive summary of LL-37, the factotum human cathelicidin peptide. <i>Cellular Immunology</i> , 2012, 280, 22-35.	1.4	468
114	Antifungal activity in plants from Chinese traditional and folk medicine. <i>Journal of Ethnopharmacology</i> , 2012, 143, 772-778.	2.0	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.	1.6	41
116	Worker Honeybee Sterility: A Proteomic Analysis of Suppressed Ovary Activation. <i>Journal of Proteome Research</i> , 2012, 11, 2838-2850.	1.8	28
117	Molecular diversity of the telson and venom components from <i>Pandinus cavimanus</i> (<i>Scorpionidae</i> Latreille 1802): Transcriptome, venomics and function. <i>Proteomics</i> , 2012, 12, 313-328.	1.3	59
118	A theoretical and experimental proteome map of <i>Pseudomonas aeruginosa</i> PAO1. <i>MicrobiologyOpen</i> , 2012, 1, 169-181.	1.2	8
119	Purification, molecular cloning and functional characterization of HelaTx1 (<i>Heterometrus laoticus</i>): The first member of a new I^{a} -KTX subfamily. <i>Biochemical Pharmacology</i> , 2012, 83, 1307-1317.	2.0	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.	0.9	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.	0.8	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.	0.8	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.	1.8	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.	1.2	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.	1.2	1
126	A Pattern Search Method for Discovering Conserved Motifs in Bioactive Peptide Families. , 2011, , .		2

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127	Gonadotropin-Releasing Hormone and Adipokinetic Hormone Signaling Systems Share a Common Evolutionary Origin. <i>Frontiers in Endocrinology</i> , 2011, 2, 16.	1.5	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.	1.1	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.	1.1	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.	1.1	81
131	Genome-wide analysis of alternative reproductive phenotypes in honeybee workers. <i>Molecular Ecology</i> , 2011, 20, 4070-4084.	2.0	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.	1.8	15
133	Locust phase polyphenism: Does epigenetic precede endocrine regulation?. <i>General and Comparative Endocrinology</i> , 2011, 173, 120-128.	0.8	43
134	Comparison of extraction methods for peptidomics analysis of mouse brain tissue. <i>Journal of Neuroscience Methods</i> , 2011, 197, 231-237.	1.3	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.	0.4	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.	0.9	30
137	Identical Skin Toxins by Convergent Molecular Adaptation in Frogs. <i>Current Biology</i> , 2010, 20, 125-130.	1.8	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.	0.8	85
139	Proteome changes of <i>Caenorhabditis elegans</i> upon a <i>Staphylococcus aureus</i> infection. <i>Biology Direct</i> , 2010, 5, 11.	1.9	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.	1.8	37
141	Peptidomics Coming of Age: A Review of Contributions from a Bioinformatics Angle. <i>Journal of Proteome Research</i> , 2010, 9, 2051-2061.	1.8	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.	1.8	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.	1.0	41
144	Mass spectrometric profiling of (neuro)-peptides in the worker honeybee, <i>Apis mellifera</i> . <i>Neuropharmacology</i> , 2010, 58, 248-258.	2.0	66

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145	Proteome Analysis of Multiple Compartments in a Mouse Model of Chemical-Induced Asthma. <i>Journal of Proteome Research</i> , 2010, 9, 5868-5876.	1.8	14
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