Angela B Lange

List of Publications by Year
in descending order

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147 papers	4,960 citations	94433 37 h-index	138484 58 g-index
149 all docs	149 docs citations	149 times ranked	1922 citing authors

#	Article	IF	Citations
1	Genome of Rhodnius prolixus , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14936-14941.	7.1	329
2	Evidence for octopaminergic modulation of an insect visceral muscle. Journal of Neurobiology, 1985, 16, 171-181.	3.6	158
3	Proctolin: A review with emphasis on insects. Journal of Neurobiology, 1989, 20, 470-496.	3.6	130
4	Changes in haemolymph serotonin levels associated with feeding in the blood-sucking bug, Rhodnius prolixus. Journal of Insect Physiology, 1989, 35, 393-399.	2.0	130
5	Tyramine: From octopamine precursor to neuroactive chemical in insects. General and Comparative Endocrinology, 2009, 162, 18-26.	1.8	122
6	Effect of allatostatin and proctolin on antennal pulsatile organ and hindgut muscle in the cockroach,Diploptera punctata. Archives of Insect Biochemistry and Physiology, 1993, 24, 79-92.	1.5	116
7	Peptidergic innervation of insect reproductive tissue: The association of proctolin with oviduct visceral musculature. Journal of Comparative Neurology, 1986, 254, 279-286.	1.6	97
8	Identified octopaminergic neurons modulate contractions of locust visceral muscle via adenosine 3â€²,5â€²-monophosphate (cyclic AMP). Brain Research, 1986, 363, 340-349.	2.2	92
9	Isolation, sequence, and bioactivity of PDVDHVFLRFamide and ADVGHVFLRFamide peptides from the locust central nervous system. Peptides, 1994, 15, 387-392.	2.4	81
10	Dorsal unpaired median neurons, and ventral bilaterally paired neurons, project to a visceral muscle in an insect. Journal of Neurobiology, 1984, 15, 441-453.	3.6	75
11	Evidence for the involvement of a SchistoFLRF-amide-like peptide in the neural control of locust oviduct. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1991, 168, 383-391.	1.6	72
12	The Effects of SchistoFLRFamide on Contractions of Locust Midgut. Peptides, 1998, 19, 459-467.	2.4	72
13	Crustacean cardioactive peptide is a modulator of oviduct contractions in Locusta migratoria. Journal of Insect Physiology, 2001, 47, 277-285.	2.0	72
14	Evidence for a possible neurotransmitter/neuromodulator role of tyramine on the locust oviducts. Journal of Insect Physiology, 2004, 50, 351-361.	2.0	68
15	Immunohistochemical and electrochemical detection of serotonin in the nervous system of the blood-feeding bug,Rhodnius prolixus. Archives of Insect Biochemistry and Physiology, 1988, 8, 187-201.	1.5	67
16	Release of identified adipokinetic hormones during flight and following neural stimulation in Locusta migratoria. Journal of Insect Physiology, 1983, 29, 425-429.	2.0	66
17	Neuromuscular transmission in an insect visceral muscle. Journal of Neurobiology, 1986, 17, 359-372.	3.6	60
18	The effects of FMRFamide-related peptides on an insect (Locusta migratoria) visceral muscle. Journal of Insect Physiology, 1993, 39, 207-215.	2.0	59

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19	Serotonergic supply to the epidermis of Rhodnius prolixus: Evidence for serotonin as the plasticising factor. Journal of Insect Physiology, 1988, 34, 873-879.	2.0	57
20	The hormonal control of haemolymph lipid during flight in Locusta migratoria. Journal of Insect Physiology, 1983, 29, 639-642.	2.0	55
21	The distribution and physiological effects of three evolutionarily and sequence-related neuropeptides in Rhodnius prolixus: Adipokinetic hormone, corazonin and adipokinetic hormone/corazonin-related peptide. General and Comparative Endocrinology, 2014, 195, 1-8.	1.8	55
22	Pharmacological profile of octopamine receptors on the lateral oviducts of the locust, Locusta migratoria. Journal of Insect Physiology, 1986, 32, 741-745.	2.0	54
23	Isolation, sequence, and bioactivity of FMRFamide-related peptides from the locust ventral nerve cord. Peptides, 1994, 15, 1089-1094.	2.4	53
24	The transfer of prostaglandin-synthesizing activity during mating in Locusta migratoria. Insect Biochemistry, 1984, 14, 551-556.	1.8	50
25	An oviposition-stimulating factor in the male accessory reproductive gland of the locust, Locusta migratoria. General and Comparative Endocrinology, 1985, 57, 208-215.	1.8	49
26	Evidence for a conserved CCAP-signaling pathway controlling ecdysis in a hemimetabolous insect, Rhodnius prolixus. Frontiers in Neuroscience, 2013, 7, 207.	2.8	48
27	A subpopulation of dorsal unpaired median neurons in the blood-feeding insectRhodnius prolixus displays serotonin-like immunoreactivity. Journal of Comparative Neurology, 1989, 289, 118-128.	1.6	47
28	Neuropeptide Action in Insects and Crustaceans. Physiological and Biochemical Zoology, 2010, 83, 836-846.	1.5	46
29	Some pharmacological properties of neuromuscular transmission in the oviduct of the locust,Locusta migratoria. Archives of Insect Biochemistry and Physiology, 1983, 1, 231-241.	1.5	45
30	The Distribution and Physiological Effects of the Myoinhibiting Peptides in the Kissing Bug, Rhodnius Prolixus. Frontiers in Neuroscience, 2012, 6, 98.	2.8	42
31	The female reproductive system of the kissing bug, Rhodnius prolixus: Arrangements of muscles, distribution and myoactivity of two endogenous FMRFamide-like peptides. Peptides, 2014, 53, 140-147.	2.4	42
32	Identification of the first insulin-like peptide in the disease vector Rhodnius prolixus: Involvement in metabolic homeostasis of lipids and carbohydrates. Insect Biochemistry and Molecular Biology, 2016, 70, 148-159.	2.7	42
33	Mode of action of proctolin on locust visceral muscle. Archives of Insect Biochemistry and Physiology, 1987, 5, 285-295.	1.5	41
34	Proctolin in the innervation of the locust mandibular closer muscle modulates contractions through the elevation of inositol trisphosphate. Journal of Comparative Neurology, 1990, 297, 479-486.	1.6	41
35	The aminergic control of locust (Locusta migratoria) salivary glands: Evidence for dopaminergic and serotonergic innervation. Journal of Insect Physiology, 1993, 39, 623-632.	2.0	41
36	Neural inhibition of egg-laying in the locust, Locusta migratoria. Journal of Insect Physiology, 1984, 30, 271-278.	2.0	40

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37	Identification and Characterization of the Corazonin Receptor and Possible Physiological Roles of the Corazonin-Signaling Pathway in Rhodnius prolixus. Frontiers in Neuroscience, 2016, 10, 357.	2.8	40
38	Inositol phospholipid hydrolysis may mediate the action of proctolin on insect visceral muscle. Archives of Insect Biochemistry and Physiology, 1988, 9, 201-209.	1.5	39
39	A neurohormonal role for serotonin in the control of locust oviducts. Archives of Insect Biochemistry and Physiology, 2004, 56, 179-190.	1.5	39
40	Peptidergic control of the heart of the stick insect, Baculum extradentatum. Peptides, 2008, 29, 214-225.	2.4	39
41	Effects of the cyclopeptide mycotoxin destruxin A on the Malpighian tubules of Rhodnius prolixus (StÃ¥l). Toxicon, 2010, 55, 1162-1170.	1.6	37
42	An unusual myosuppressin from the blood-feeding bugRhodnius prolixus. Journal of Experimental Biology, 2012, 215, 2088-2095.	1.7	37
43	The release of octopamine and proctolin from an insect visceral muscle: effects of high-potassium saline and neural stimulation. Brain Research, 1987, 413, 251-258.	2.2	36
44	Identification and characterization of two receptors for SchistoFLRFamide on locust oviduct. Peptides, 1994, 15, 875-882.	2.4	35
45	Rhythmic behaviour and pattern-generating circuits in the locust: Key concepts and recent updates. Journal of Insect Physiology, 2010, 56, 834-843.	2.0	35
46	Cyclic AMP in locust fat body: Correlation with octopamine and adipokinetic hormones during flight. Journal of Insect Physiology, 1984, 30, 901-904.	2.0	34
47	Interaction between octopamine and proctolin on the oviducts of Locusta migratoria. Journal of Insect Physiology, 2000, 46, 809-816.	2.0	34
48	Evidence for crustacean cardioactive peptide-like innervation of the gut in Locusta migratoria. Peptides, 2002, 23, 1915-1923.	2.4	34
49	A review of the involvement of proctolin as a cotransmitter and local neurohormone in the oviduct of the locust, Locusta migratoria. Peptides, 2002, 23, 2063-2070.	2.4	34
50	The Proctolin Gene and Biological Effects of Proctolin in the Blood-Feeding Bug, Rhodnius prolixus. Frontiers in Endocrinology, 2011, 2, 59.	3.5	34
51	Transcriptomic analysis of regulatory pathways involved in female reproductive physiology of Rhodnius prolixus under different nutritional states. Scientific Reports, 2020, 10, 11431.	3.3	34
52	Cockroach oviducts: The presence and release of octopamine and proctolin. Journal of Insect Physiology, 1987, 33, 265-268.	2.0	33
53	The effects of crustacean cardioactive peptide on locust oviducts are calcium-dependent. Peptides, 2002, 23, 683-691.	2.4	33
54	Spontaneous and neurally evoked contractions of visceral muscles in the oviduct ofLocusta migratoria. Archives of Insect Biochemistry and Physiology, 1983, 1, 179-190.	1.5	32

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55	Signal transduction pathways regulating the contraction of an insect visceral muscle. Archives of Insect Biochemistry and Physiology, 1996, 33, 183-196.	1.5	32
56	Feeding state influences the content of FMRFamide- and tachykinin-related peptides in endocrine-like cells of the midgut of Locusta migratoriaâˆ†. Peptides, 2001, 22, 229-234.	2.4	32
57	Role of extracellular and intracellular calcium on proctolin-induced contractions in an insect visceral muscle. Regulatory Peptides, 1995, 56, 49-59.	1.9	31
58	Locustatachykinin isoforms in the locust: distribution and quantification in the central nervous system and action on the oviduct muscle. Peptides, 1999, 20, 687-694.	2.4	30
59	The distribution and myotropic activity of locustatachykinin-like peptides in locust midgut. Peptides, 1999, 20, 1159-1167.	2.4	30
60	The association of serotonin with the alimentary canal of the African migratory locust, Locusta migratoria: distribution, physiology and pharmacological profile. Journal of Insect Physiology, 2003, 49, 1073-1082.	2.0	29
61	Proctolin: A possible releasing factor in the corpus cardiacum/corpus allatum of the locust. Peptides, 2006, 27, 559-566.	2.4	29
62	A single receptor transduces both inhibitory and stimulatory signals of FMRFamide-related peptides. Peptides, 1995, 16, 1181-1186.	2.4	28
63	Neural mechanisms coordinating the female reproductive system in the locust. Frontiers in Bioscience - Landmark, 2009, Volume, 4401.	3.0	28
64	Identification and Expression of the CCAP Receptor in the Chagasâ€™ Disease Vector, Rhodnius prolixus, and Its Involvement in Cardiac Control. PLoS ONE, 2013, 8, e68897.	2.5	28
65	Functional characterization and expression analysis of the myoinhibiting peptide receptor in the Chagas disease vector, Rhodnius prolixus. Molecular and Cellular Endocrinology, 2015, 399, 143-153.	3.2	28
66	The neural control of spermathecal contractions in the locust, Locusta migratoria. Journal of Insect Physiology, 2000, 46, 191-201.	2.0	27
67	Isolation, cloning, and tissue expression of a putative octopamine/tyramine receptor from locust visceral muscle tissues. Archives of Insect Biochemistry and Physiology, 2005, 59, 132-149.	1.5	27
68	Biochemical and physiological effects of octopamine and selected octopamine agonists on the oviducts of Locusta migratoria. Journal of Insect Physiology, 1993, 39, 393-400.	2.0	26
69	Effects of the mycotoxin destruxin A on Locusta migratoria visceral muscles. Toxicon, 2010, 56, 1043-1051.	1.6	26
70	Effects of crustacean cardioactive peptide on the hearts of two Orthopteran insects, and the demonstration of a Frankâ€“Starling-like effect. General and Comparative Endocrinology, 2011, 171, 218-224.	1.8	26
71	The presence of proctolin in the reproductive system of Rhodnius prolixus. Journal of Insect Physiology, 1990, 36, 345-351.	2.0	25
72	Cloning and expression of long neuropeptide F and the role of FMRFamide-like peptides in regulating egg production in the Chagas vector, Rhodnius prolixus. Peptides, 2016, 82, 1-11.	2.4	25

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73	Evidence of a neural loop involved in controlling spermathecal contractions in Locusta migratoria. Journal of Insect Physiology, 2001, 47, 607-616.	2.0	24
74	Dopaminergic control of foregut contractions in Locusta migratoria. Journal of Insect Physiology, 2008, 54, 222-230.	2.0	24
75	SIFamide Influences Feeding in the Chagas Disease Vector, Rhodnius prolixus. Frontiers in Neuroscience, 2020, 14, 134.	2.8	24
76	The presence and distribution of crustacean cardioactive peptide in the central and peripheral nervous system of the stick insect, Baculum extradentatum. Regulatory Peptides, 2005, 129, 191-201.	1.9	23
77	Proctolin-like immunoreactivity in the central and peripheral nervous systems of the locust, Locusta migratoria. Peptides, 2006, 27, 549-558.	2.4	23
78	Tyramine as a possible neurotransmitter/neuromodulator at the spermatheca of the African migratory locust, Locusta migratoria. Journal of Insect Physiology, 2008, 54, 1306-1313.	2.0	23
79	The regulation of cardiac activity by nitric oxide (NO) in the Vietnamese stick insect, Baculum extradentatum. Cellular Signalling, 2012, 24, 1344-1350.	3.6	23
80	The involvement of Rhopr-CRF/DH in feeding and reproduction in the blood-gorging insect Rhodnius prolixus. General and Comparative Endocrinology, 2018, 258, 79-90.	1.8	23
81	What happens after a blood meal? A transcriptome analysis of the main tissues involved in egg production in Rhodnius prolixus, an insect vector of Chagas disease. PLoS Neglected Tropical Diseases, 2020, 14, e0008516.	3.0	23
82	An Insulin-Like Growth Factor in Rhodnius prolixus Is Involved in Post-feeding Nutrient Balance and Growth. Frontiers in Neuroscience, 2016, 10, 566.	2.8	22
83	Cloning and Functional Characterization of Octî²2-Receptor and Tyr1-Receptor in the Chagas Disease Vector, Rhodnius prolixus. Frontiers in Physiology, 2017, 8, 744.	2.8	22
84	The presence and distribution of proctolin in the blood-feeding bug, Rhodnius prolixus. Journal of Insect Physiology, 1988, 34, 379-386.	2.0	21
85	Characterization of a novel central pattern generator located in the VIIth abdominal ganglion of Locusta. Journal of Insect Physiology, 1992, 38, 1011-1022.	2.0	21
86	The effects of selected proctolin analogues on contractions of locust (Locusta migratoria) oviducts. Journal of Insect Physiology, 1993, 39, 347-351.	2.0	21
87	Binding affinity and physiological activity of some HVFLRFamide analogues on the oviducts of the locust, Locusta migratoria. Regulatory Peptides, 1995, 57, 339-346.	1.9	21
88	Evidence for proctolin-like and RFamide-like neuropeptides associated with the hindgut of the crayfish Procambarus clarkii. Canadian Journal of Zoology, 1997, 75, 1208-1225.	1.0	21
89	Localization and Neurohemal Release of FMRFamide-Related Peptides in the Stick Insect Carausius morosus. Peptides, 1997, 18, 27-40.	2.4	20
90	Neural and hormonal control of muscular activity of the spermatheca in the locust, Locusta migratoria. Peptides, 2007, 28, 174-184.	2.4	20

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91	Crustacean cardioactive peptide in the Chagasâ€™ disease vector, Rhodnius prolixus: Presence, distribution and physiological effects. General and Comparative Endocrinology, 2011, 174, 36-43.	1.8	20
92	The neural and peptidergic control of gut contraction in Locusta migratoria: the effect of an FGLa/AST. Journal of Experimental Biology, 2012, 215, 3394-402.	1.7	20
93	The involvement of insulin/ToR signaling pathway in reproductive performance of Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2021, 130, 103526.	2.7	20
94	The effects of precocene II on early adult development in male Locusta. Journal of Insect Physiology, 1983, 29, 73-81.	2.0	19
95	Tyrosine hydroxylase-like immunoreactivity in the ventral nerve cord of the locust (Locusta) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 19-27.	2.0	19
96	Myoinhibitors controlling oviduct contraction within the female blood-gorging insect, Rhodnius prolixus. General and Comparative Endocrinology, 2015, 211, 62-68.	1.8	19
97	Biostable insect kinin analogs reduce blood meal and disrupt ecdysis in the blood-gorging Chagasâ€™ disease vector, Rhodnius prolixus. Peptides, 2016, 80, 108-113.	2.4	19
98	The association of crustacean cardioactive peptide with the spermatheca of the African migratory locust, Locusta migratoria. Journal of Insect Physiology, 2006, 52, 399-409.	2.0	18
99	Neurohormones implicated in the control of Malpighian tubule secretion in plant sucking heteropterans: The stink bugs Acrosternum hilare and Nezara viridula. Peptides, 2010, 31, 468-473.	2.4	18
100	Sequencing and biological effects of an adipokinetic/hypertrehalosemic peptide in the stick insect, Baculum extradentatum. Peptides, 2012, 34, 51-56.	2.4	18
101	Reprint of â€œThe distribution and physiological effects of three evolutionarily and sequence-related neuropeptides in Rhodnius prolixus: Adipokinetic hormone, corazonin and adipokinetic hormone/corazonin-related peptideâ€: General and Comparative Endocrinology, 2014, 203, 307-314.	1.8	18
102	Isolation and characterization of the corticotropin-releasing factor-related diuretic hormone receptor in Rhodnius prolixus. Cellular Signalling, 2016, 28, 1152-1162.	3.6	18
103	A Rhodnius prolixus Insulin Receptor and Its Conserved Intracellular Signaling Pathway and Regulation of Metabolism. Frontiers in Endocrinology, 2018, 9, 745.	3.5	18
104	Regulation of a Trehalose-Specific Facilitated Transporter (TRET) by Insulin and Adipokinetic Hormone in Rhodnius prolixus, a Vector of Chagas Disease. Frontiers in Physiology, 2021, 12, 624165.	2.8	18
105	Ventral neurons in an abdominal ganglion of the locust Locusta migratoria, with properties similar to dorsal unpaired median neurons. Canadian Journal of Zoology, 1986, 64, 264-267.	1.0	17
106	Molecular Characterization of the Inhibitory Myotropic Peptide Leucomyosuppressin. Peptides, 1997, 18, 157-163.	2.4	17
107	Evidence for the association of FMRFamide-related peptides with the spermatheca of Locusta migratoria. Peptides, 2002, 23, 613-619.	2.4	17
108	Octopamine and tyramine regulate the activity of reproductive visceral muscles in the adult female blood-feeding bug, Rhodnius prolixus. Journal of Experimental Biology, 2017, 220, 1830-1836.	1.7	17

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109	The female reproductive system and control of oviposition in Locusta migratoria migratorioidesThe present review is the first of a series of occasional review articles that have been invited by the Editors and will feature the broad range of disciplines and expertise represented in our Editorial Advisory Board.. Canadian Journal of Zoology, 2009, 87, 649-661.	1.0	16
110	Cloning, localization, and physiological effects of sulfakinin in the kissing bug, Rhodnius prolixus. Peptides, 2017, 98, 15-22.	2.4	16
111	Identification, Functional Characterization, and Pharmacological Analysis of Two Sulfakinin Receptors in the Medically-Important Insect Rhodnius prolixus. Scientific Reports, 2019, 9, 13437.	3.3	16
112	Fluid Secretion by Malpighian Tubules of Rhodnius prolixus: Neuroendocrine Control With New Insights From a Transcriptome Analysis. Frontiers in Endocrinology, 2021, 12, 722487.	3.5	16
113	Stimulation of alpha-Amylase Release in the Scallop Pecten maximus by the Myosuppressins: Structure-Activity Relationships. Annals of the New York Academy of Sciences, 1999, 897, 273-281.	3.8	15
114	Neural substrate and allatostatin-like innervation of the gut of Locusta migratoria. Journal of Insect Physiology, 2010, 56, 893-901.	2.0	15
115	Identification of Gonadulin and Insulin-Like Growth Factor From Migratory Locusts and Their Importance in Reproduction in Locusta migratoria. Frontiers in Endocrinology, 2021, 12, 693068.	3.5	15
116	Hormonal control of locust oviducts. Archives of Insect Biochemistry and Physiology, 1987, 4, 47-56.	1.5	14
117	Calmodulin mediates contraction of the oviducts of Locusta migratoria. Insect Biochemistry and Molecular Biology, 1994, 24, 507-516.	2.7	13
118	The association of proctolin with the spermatheca of the locust, Locusta migratoria. Journal of Insect Physiology, 1993, 39, 517-522.	2.0	12
119	Control of the motor pattern generator in the VIIth abdominal ganglion of Locusta: Descending neural inhibition and coordination with the oviposition hole digging central pattern generator. Journal of Insect Physiology, 1996, 42, 791-798.	2.0	12
120	Octopamine modulates a central pattern generator associated with egg-laying in the locust, Locusta migratoria. Journal of Insect Physiology, 2014, 63, 1-8.	2.0	12
121	Identification, characterization and expression of a receptor for the unusual myosuppressin in the bloodâ€feeding bug, <scp>R</scp>hodnius prolixus. Insect Molecular Biology, 2015, 24, 129-137.	2.0	12
122	The hormonal and neural control of egg production in the historically important model insect, Rhodnius prolixus: A review, with new insights in this post-genomic era. General and Comparative Endocrinology, 2022, 321-322, 114030.	1.8	12
123	Adipokinetic hormones in neuroendocrine tissue of the larval locust: Quantification and regulation of in vitro release. Journal of Insect Physiology, 1987, 33, 575-580.	2.0	11
124	The action of phenyliminoimidazolidines and 2-aminooxazoline on octopamine receptors on locust fat body. Pesticide Biochemistry and Physiology, 1990, 37, 24-29.	3.6	11
125	The association of serotonin with the spermatheca of the locust, Locusta migratoria. Biogenic Amines, 2002, 17, 43-60.	0.3	11
126	Identification, functional characterization, and pharmacological profile of a serotonin type-2b receptor in the medically important insect, Rhodnius prolixus. Frontiers in Neuroscience, 2015, 9, 175.	2.8	11

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127	Characterization and partial purification of different factors with contraction-potentiating activities from neurohaemal organs of the locust. Journal of Comparative Neurology, 1990, 291, 305-312.	1.6	10
128	Evidence of a central pattern generator regulating spermathecal muscle activity inLocusta migratoriaand its coordination with oviposition. Journal of Experimental Biology, 2011, 214, 757-763.	1.7	10
129	K+ absorption by locust gut and inhibition of ileal K+ and water transport by FGLamide allatostatins.. Journal of Experimental Biology, 2014, 217, 3377-85.	1.7	10
130	Jack bean urease modulates neurotransmitter release at insect neuromuscular junctions. Pesticide Biochemistry and Physiology, 2018, 146, 63-70.	3.6	10
131	Identification and cloning of the kinin receptor in the Chagas disease vector, Rhodnius prolixus. General and Comparative Endocrinology, 2020, 289, 113380.	1.8	10
132	An analysis of the secretions of the male accessory reproductive gland of the African migratory locust. International Journal of Invertebrate Reproduction and Development, 1984, 7, 73-81.	0.7	9
133	The selective accumulation of vitellogenin in the locust oocyte. Experientia, 1981, 37, 273-274.	1.2	8
134	Active Conformation and Mimetic Analog Development for the Pyrokininâ€”PBANâ€”Diapauseâ€”Pupariation and Myosuppressin Insect Neuropeptide Families. ACS Symposium Series, 1997, , 277-291.	0.5	7
135	Physiological effects of biostable kinin and CAPA analogs in the Chagas disease vector, Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2019, 114, 103223.	2.7	7
136	Exploring the role of glycoprotein hormone GPA2/GPB5 in the medically important insect, Rhodnius prolixus. Peptides, 2022, 149, 170710.	2.4	7
137	Comparison of the myotropic activity of position-2 modified analogues of proctolin on the hindgut of Periplaneta americana and the oviduct of Locusta migratoria. Journal of Insect Physiology, 1997, 43, 931-938.	2.0	6
138	Jaburetox, a natural insecticide derived from Jack Bean Urease, activates voltage-gated sodium channels to modulate insect behavior. Pesticide Biochemistry and Physiology, 2019, 153, 67-76.	3.6	6
139	Neuropeptides Modulate the Heart of the Stick Insect Baculum extradentatum. Annals of the New York Academy of Sciences, 2009, 1163, 448-450.	3.8	5
140	Characterization and expression of a long neuropeptide F (NPF) receptor in the Chagas disease vector Rhodnius prolixus. PLoS ONE, 2018, 13, e0202425.	2.5	5
141	Octopamine in Insects. ACS Symposium Series, 1987, , 136-153.	0.5	4
142	Chemical and functional analyses of Rhinella icterica (Spix, 1824) toad secretion screened on contractions of the heart and oviduct in Locusta migratoria. Journal of Insect Physiology, 2021, 129, 104192.	2.0	3
143	Isolation and characterization of FMRFamide-like peptides in the venoms of solitary sphecid wasps. Peptides, 2021, 142, 170575.	2.4	3
144	Identification and characterization of the SIFamide receptor in the hemimetabolous Chagas disease vector, Rhodnius prolixus StÃ¥l, 1859, (Hemiptera, Reduviidae, Triatominae). Peptides, 2021, 143, 170600.	2.4	2

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145	Biogenic Monoamines in the Control of Triatomine Physiology with Emphasis on Rhodnius prolixus. True Bugs (Heteroptera) of the Neotropics, 2021, , 145-166.	1.2	2
146	Signal transduction pathways regulating the contraction of an insect visceral muscle. Archives of Insect Biochemistry and Physiology, 1996, 33, 183-196.	1.5	2
147	The association of the FMRFamide-related peptide family with the heart of the stick insect, Baculum extradentatum. Open Access Insect Physiology, 0, , 1.	0.8	1