Jan A Veenstra

List of Publications by Year
in descending order

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78	6,933	61984 43	66911 78
papers	citations	h-index	g-index

92	92	92	4572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuropeptides in Rhipicephalus microplus and other hard ticks. Ticks and Tick-borne Diseases, 2022, 13, 101910.	2.7	10
2	The neuropeptide SMYamide, a SIFamide paralog, is expressed by salivary gland innervating neurons in the American cockroach and likely functions as a hormone. Peptides, 2021, 136, 170466.	2.4	7
3	Genomics- and Peptidomics-Based Discovery of Conserved and Novel Neuropeptides in the American Cockroach. Journal of Proteome Research, 2021, 20, 1217-1228.	3.7	25
4	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
5	Ambulacrarian insulin-related peptides and their putative receptors suggest how insulin and similar peptides may have evolved from insulin-like growth factor. PeerJ, 2021, 9, e11799.	2.0	11
6	Progress in the characterization of insulin-like peptides in aphids: Immunohistochemical mapping of ILP4. Insect Biochemistry and Molecular Biology, 2021, 136, 103623.	2.7	10
7	Identification of cells expressing Calcitonins A and B, PDF and ACP in Locusta migratoria using cross-reacting antisera and in situ hybridization. Peptides, 2021, 146, 170667.	2.4	6
8	Most lepidopteran neuroparsin genes seem functional, but in some domesticated silkworm strains it has a fatal mutation. General and Comparative Endocrinology, 2020, 285, 113274.	1.8	1
9	The TRH-ortholog EFLamide in the migratory locust. Insect Biochemistry and Molecular Biology, 2020, 116, 103281.	2.7	10
10	Genome-enabled insights into the biology of thrips as crop pests. BMC Biology, 2020, 18, 142.	3.8	54
11	A new neuropeptide insect parathyroid hormone iPTH in the red flour beetle Tribolium castaneum. PLoS Genetics, 2020, 16, e1008772.	3.5	24
12	Gonadulins, the fourth type of insulin-related peptides in decapods. General and Comparative Endocrinology, 2020, 296, 113528.	1.8	15
13	Regulatory Roles of Drosophila Insulin-Like Peptide 1 (DILP1) in Metabolism Differ in Pupal and Adult Stages. Frontiers in Endocrinology, 2020, 11, 180.	3.5	11
14	Arthropod IGF, relaxin and gonadulin, putative orthologs of Drosophila insulin-like peptides 6, 7 and 8, likely originated from an ancient gene triplication. PeerJ, 2020, 8, e9534.	2.0	37
15	Drosophila insulinâ€like peptide dilp1 increases lifespan and glucagonâ€like Akh expression epistatic to dilp2. Aging Cell, 2019, 18, e12863.	6.7	51
16	Two Lys-vasopressin-like peptides, EFLamide, and other phasmid neuropeptides. General and Comparative Endocrinology, 2019, 278, 3-11.	1.8	21
17	Coleoptera genome and transcriptome sequences reveal numerous differences in neuropeptide signaling between species. PeerJ, 2019, 7, e7144.	2.0	72
18	Rudimentary expression of RYamide in Drosophila melanogaster relative to other Drosophila species points to a functional decline of this neuropeptide gene. Insect Biochemistry and Molecular Biology, 2017, 83, 68-79.	2.7	28

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19	The salivary gland salivation stimulating peptide from Locusta migratoria (Lom-SG-SASP) is not a typical neuropeptide. PeerJ, 2017, 5, e3619.	2.0	3
20	Allatostatin A Signalling in Drosophila Regulates Feeding and Sleep and Is Modulated by PDF. PLoS Genetics, 2016, 12, e1006346.	3.5	102
21	Drosophila insulin-like peptide 1 (DILP1) is transiently expressed during non-feeding stages and reproductive dormancy. Scientific Reports, 2016, 6, 26620.	3.3	86
22	Allatostatins C, double C and triple C, the result of a local gene triplication in an ancestral arthropod. General and Comparative Endocrinology, 2016, 230-231, 153-157.	1.8	50
23	Neuropeptide evolution: Chelicerate neurohormone and neuropeptide genes may reflect one or more whole genome duplications. General and Comparative Endocrinology, 2016, 229, 41-55.	1.8	39
24	Similarities between decapod and insect neuropeptidomes. PeerJ, 2016, 4, e2043.	2.0	117
25	SIFamide acts on fruitless neurons to modulate sexual behavior in Drosophila melanogaster. Peptides, 2015, 74, 50-56.	2.4	44
26	The power of next-generation sequencing as illustrated by the neuropeptidome of the crayfish Procambarus clarkii. General and Comparative Endocrinology, 2015, 224, 84-95.	1.8	111
27	Isoform-specific expression of the neuropeptide orcokinin in Drosophila melanogaster. Peptides, 2015, 68, 50-57.	2.4	32
28	Chemical identity, function and regulation of enteroendocrine peptides in insects. Current Opinion in Insect Science, 2015, 11, 8-13.	4.4	32
29	The contribution of the genomes of a termite and a locust to our understanding of insect neuropeptides and neurohormones. Frontiers in Physiology, 2014, 5, 454.	2.8	136
30	Control of Lipid Metabolism by Tachykinin in Drosophila. Cell Reports, 2014, 9, 40-47.	6.4	165
31	More Drosophila enteroendocrine peptides: Orcokinin B and the CCHamides 1 and 2. Cell and Tissue Research, 2014, 357, 607-621.	2.9	85
32	Functional significance of the copper transporter ATP7 in peptidergic neurons and endocrine cells in Drosophila melanogaster. FEBS Letters, 2012, 586, 3633-3638.	2.8	17
33	Allatotropin, leucokinin and AKH in honey bees and other Hymenoptera. Peptides, 2012, 35, 122-130.	2.4	36
34	In silico cloning of genes encoding neuropeptides, neurohormones and their putative G-protein coupled receptors in a spider mite. Insect Biochemistry and Molecular Biology, 2012, 42, 277-295.	2.7	93
35	The genome of Tetranychus urticae reveals herbivorous pest adaptations. Nature, 2011, 479, 487-492.	27.8	897
36	Neuroendocrine cells in Drosophila melanogaster producing GPA2/GPB5, a hormone with homology to LH, FSH and TSH. General and Comparative Endocrinology, 2011, 170, 582-588.	1.8	68

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37	Neuropeptide evolution: Neurohormones and neuropeptides predicted from the genomes of Capitella teleta and Helobdella robusta. General and Comparative Endocrinology, 2011, 171, 160-175.	1.8	152
38	Detailed analysis of leucokinin-expressing neurons and their candidate functions in the Drosophila nervous system. Cell and Tissue Research, 2010, 339, 321-336.	2.9	65
39	Ecdysone receptor homologs from mollusks, leeches and a polychaete worm. FEBS Letters, 2010, 584, 4458-4462.	2.8	19
40	Neurohormones and neuropeptides encoded by the genome of Lottia gigantea, with reference to other mollusks and insects. General and Comparative Endocrinology, 2010, 167, 86-103.	1.8	228
41	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12168-12173.	7.1	482
42	What the loss of the hormone neuroparsin in the melanogaster subgroup of Drosophila can tell us about its function. Insect Biochemistry and Molecular Biology, 2010, 40, 354-361.	2.7	39
43	Expression of the mu opioid receptor in Drosophila and its effects on trehalose and glycogen when expressed by the AKH neuroendocrine cells. Peptides, 2010, 31, 1383-1389.	2.4	9
44	Peptidergic paracrine and endocrine cells in the midgut of the fruit fly maggot. Cell and Tissue Research, 2009, 336, 309-323.	2.9	106
45	Allatostatin C and its paralog allatostatin double C: The arthropod somatostatins. Insect Biochemistry and Molecular Biology, 2009, 39, 161-170.	2.7	144
46	Does corazonin signal nutritional stress in insects?. Insect Biochemistry and Molecular Biology, 2009, 39, 755-762.	2.7	91
47	Regulatory peptides in fruit fly midgut. Cell and Tissue Research, 2008, 334, 499-516.	2.9	258
48	Intrinsic neurons of Drosophila mushroom bodies express short neuropeptide F: Relations to extrinsic neurons expressing different neurotransmitters. Journal of Comparative Neurology, 2008, 507, 1479-1496.	1.6	101
49	Mapping Peptidergic Cells in Drosophila: Where DIMM Fits In. PLoS ONE, 2008, 3, e1896.	2.5	172
50	The neuropeptide SIFamide modulates sexual behavior in Drosophila. Biochemical and Biophysical Research Communications, 2007, 352, 305-310.	2.1	162
51	AKH-producing neuroendocrine cell ablation decreases trehalose and induces behavioral changes in Drosophila. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R531-R538.	1.8	191
52	Mas-allatotropin/Lom-AG-myotropin I immunostaining in the brain of the locust, Schistocerca gregaria. Cell and Tissue Research, 2004, 318, 439-457.	2.9	45
53	Stimulation of JH biosynthesis by the corpora allata of adult female Aedes aegypti in vitro: effect of farnesoic acid and Aedesallatotropin. Journal of Experimental Biology, 2003, 206, 1825-1832.	1.7	65
54	Drosophila Neuropeptide Signaling. Advances in Genetics, 2003, 49, 1-65.	1.8	86

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55	Two nitridergic peptides are encoded by the genecapabilityinDrosophila melanogaster. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R1297-R1307.	1.8	190
56	TheDhgene ofDrosophila melanogasterencodes a diuretic peptide that acts through cyclic AMP. Journal of Experimental Biology, 2002, 205, 3799-3807.	1.7	136
57	The Dh gene of Drosophila melanogaster encodes a diuretic peptide that acts through cyclic AMP. Journal of Experimental Biology, 2002, 205, 3799-807.	1.7	100
58	Mono- and dibasic proteolytic cleavage sites in insect neuroendocrine peptide precursors. Archives of Insect Biochemistry and Physiology, 2000, 43, 49-63.	1.5	320
59	Ovary Maturing Parsin and Diuretic Hormone are produced by the same neuroendocrine cells in the migratory locust, Locusta migratoriaâ˜†. Peptides, 2000, 21, 737-739.	2.4	11
60	Isolation and identification of a peptide and its cDNA from the mosquito Aedes aegypti related to Manduca sexta allatotropin. Peptides, 1999, 20, 1145-1151.	2.4	76
61	A Single cDNA Encodes All Three AedesLeucokinins, Which Stimulate Both Fluid Secretion by the Malpighian Tubules and Hindgut Contractions. Journal of Biological Chemistry, 1997, 272, 10402-10407.	3.4	94
62	Identification of Three Allatostatins and Their cDNA From the Mosquito Aedes aegypti. Peptides, 1997, 18, 937-942.	2.4	71
63	Isolation of two AKH-related peptides from cicadas. Archives of Insect Biochemistry and Physiology, 1995, 29, 391-396.	1.5	16
64	Immunohistological localization of regulatory peptides in the midgut of the female mosquitoAedes aegypti. Histochemistry and Cell Biology, 1995, 104, 337-347.	1.7	120
65	Postembryonic development of corazoninâ€containing neurons and neurosecretory cells in the blowfly, Phormia terraenovae. Journal of Comparative Neurology, 1994, 350, 559-572.	1.6	53
66	Leucokinin and diuretic hormone immunoreactivity of neurons in the tobacco hornworm, Manduca sexta, and co-localization of this immunoreactivity in lateral neurosecretory cells of abdominal ganglia. Cell and Tissue Research, 1994, 278, 493-507.	2.9	66
67	A comparative study of leucokinin-immunoreactive neurons in insects. Cell and Tissue Research, 1994, 276, 69-83.	2.9	59
68	Sensitive enzyme immunoassay forManduca allatotropin and the existence of an allatotropin-immunoreactive peptide inPeriplaneta americana. Archives of Insect Biochemistry and Physiology, 1993, 23, 99-109.	1.5	71
69	Localization of corazonin in the nervous system of the cockroach Periplaneta americana. Cell and Tissue Research, 1993, 274, 57-64.	2.9	84
70	Presence of corazonin in three insect species, and isolation and identification of [His7]corazonin from Schistocerca americana. Peptides, 1991, 12, 1285-1289.	2.4	118
71	Identification of neuroendocrine cells producing a diuretic hormone in the tobacco hornworm moth, Manduca sexta. Cell and Tissue Research, 1991, 266, 359-364.	2.9	32
72	Isolation and Structure of Three Neuropeptides from the Corpora Cardiaca of the American Cockroach. , 1990, , 223-226.		3

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73	Simulation of the activation of fat body glycogen phosphorylase and trehalose synthesis by peptide hormones in the American cockroach. BioSystems, 1989, 23, 31-40.	2.0	3
74	DO INSECTS REALLY HAVE A HOMEOSTATIC HYPOTREHALOSAEMIC HORMONE?. Biological Reviews, 1989, 64, 305-316.	10.4	8
75	The apparent absence of a homeostatic hypotrehalosaemic hormone in the German cockroach (Blattella germanica). Journal of Insect Physiology, 1989, 35, 57-61.	2.0	2
76	Isolation and structure of corazonin, a cardioactive peptide from the American cockroach. FEBS Letters, 1989, 250, 231-234.	2.8	274
77	Effects of 5-hydroxytryptamine on the Malpighian tubules of Aedes aegypti. Journal of Insect Physiology, 1988, 34, 299-304.	2.0	52
78	Immunocytochemical demonstration of vertebrate peptides in invertebrates: The homology concept. Neuropeptides, 1988, 12, 49-54.	2.2	27