Jan A Veenstra

List of Publications by Year
in descending order

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	The genome of Tetranychus urticae reveals herbivorous pest adaptations. Nature, 2011, 479, 487-492.	27.8	897
2	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
3	Mono- and dibasic proteolytic cleavage sites in insect neuroendocrine peptide precursors. Archives of Insect Biochemistry and Physiology, 2000, 43, 49-63.	1.5	320
4	Isolation and structure of corazonin, a cardioactive peptide from the American cockroach. FEBS Letters, 1989, 250, 231-234.	2.8	274
5	Regulatory peptides in fruit fly midgut. Cell and Tissue Research, 2008, 334, 499-516.	2.9	258
6	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
7	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
8	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
9	Mapping Peptidergic Cells in Drosophila: Where DIMM Fits In. PLoS ONE, 2008, 3, e1896.	2.5	172
10	Control of Lipid Metabolism by Tachykinin in Drosophila. Cell Reports, 2014, 9, 40-47.	6.4	165
11	The neuropeptide SIFamide modulates sexual behavior in Drosophila. Biochemical and Biophysical Research Communications, 2007, 352, 305-310.	2.1	162
12	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
13	Allatostatin C and its paralog allatostatin double C: The arthropod somatostatins. Insect Biochemistry and Molecular Biology, 2009, 39, 161-170.	2.7	144
14	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
15	TheDhgene ofDrosophila melanogasterencodes a diuretic peptide that acts through cyclic AMP. Journal of Experimental Biology, 2002, 205, 3799-3807.	1.7	136
16	Immunohistological localization of regulatory peptides in the midgut of the female mosquitoAedes aegypti. Histochemistry and Cell Biology, 1995, 104, 337-347.	1.7	120
17	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
18	Similarities between decapod and insect neuropeptidomes. PeerJ, 2016, 4, e2043.	2.0	117

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19	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
20	Peptidergic paracrine and endocrine cells in the midgut of the fruit fly maggot. Cell and Tissue Research, 2009, 336, 309-323.	2.9	106
21	Allatostatin A Signalling in Drosophila Regulates Feeding and Sleep and Is Modulated by PDF. PLoS Genetics, 2016, 12, e1006346.	3.5	102
22	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
23	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
24	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
25	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
26	Does corazonin signal nutritional stress in insects?. Insect Biochemistry and Molecular Biology, 2009, 39, 755-762.	2.7	91
27	Drosophila Neuropeptide Signaling. Advances in Genetics, 2003, 49, 1-65.	1.8	86
28	Drosophila insulin-like peptide 1 (DILP1) is transiently expressed during non-feeding stages and reproductive dormancy. Scientific Reports, 2016, 6, 26620.	3.3	86
29	More Drosophila enteroendocrine peptides: Orcokinin B and the CCHamides 1 and 2. Cell and Tissue Research, 2014, 357, 607-621.	2.9	85
30	Localization of corazonin in the nervous system of the cockroach Periplaneta americana. Cell and Tissue Research, 1993, 274, 57-64.	2.9	84
31	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
32	Coleoptera genome and transcriptome sequences reveal numerous differences in neuropeptide signaling between species. PeerJ, 2019, 7, e7144.	2.0	72
33	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
34	Identification of Three Allatostatins and Their cDNA From the Mosquito Aedes aegypti. Peptides, 1997, 18, 937-942.	2.4	71
35	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
36	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

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37	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
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	A comparative study of leucokinin-immunoreactive neurons in insects. Cell and Tissue Research, 1994, 276, 69-83.	2.9	59
40	Genome-enabled insights into the biology of thrips as crop pests. BMC Biology, 2020, 18, 142.	3.8	54
41	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
42	Effects of 5-hydroxytryptamine on the Malpighian tubules of Aedes aegypti. Journal of Insect Physiology, 1988, 34, 299-304.	2.0	52
43	Drosophila insulinâ€like peptide dilp1 increases lifespan and glucagonâ€like Akh expression epistatic to dilp2. Aging Cell, 2019, 18, e12863.	6.7	51
44	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
45	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
46	SIFamide acts on fruitless neurons to modulate sexual behavior in Drosophila melanogaster. Peptides, 2015, 74, 50-56.	2.4	44
47	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
48	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
49	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
50	Allatotropin, leucokinin and AKH in honey bees and other Hymenoptera. Peptides, 2012, 35, 122-130.	2.4	36
51	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
52	Isoform-specific expression of the neuropeptide orcokinin in Drosophila melanogaster. Peptides, 2015, 68, 50-57.	2.4	32
53	Chemical identity, function and regulation of enteroendocrine peptides in insects. Current Opinion in Insect Science, 2015, 11, 8-13.	4.4	32
54	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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55	Immunocytochemical demonstration of vertebrate peptides in invertebrates: The homology concept. Neuropeptides, 1988, 12, 49-54.	2.2	27
56	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
57	A new neuropeptide insect parathyroid hormone iPTH in the red flour beetle Tribolium castaneum. PLoS Genetics, 2020, 16, e1008772.	3.5	24
58	Two Lys-vasopressin-like peptides, EFLamide, and other phasmid neuropeptides. General and Comparative Endocrinology, 2019, 278, 3-11.	1.8	21
59	Ecdysone receptor homologs from mollusks, leeches and a polychaete worm. FEBS Letters, 2010, 584, 4458-4462.	2.8	19
60	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
61	Isolation of two AKH-related peptides from cicadas. Archives of Insect Biochemistry and Physiology, 1995, 29, 391-396.	1.5	16
62	Gonadulins, the fourth type of insulin-related peptides in decapods. General and Comparative Endocrinology, 2020, 296, 113528.	1.8	15
63	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
64	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
65	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
66	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
67	The TRH-ortholog EFLamide in the migratory locust. Insect Biochemistry and Molecular Biology, 2020, 116, 103281.	2.7	10
68	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
69	Neuropeptides in Rhipicephalus microplus and other hard ticks. Ticks and Tick-borne Diseases, 2022, 13, 101910.	2.7	10
70	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
71	DO INSECTS REALLY HAVE A HOMEOSTATIC HYPOTREHALOSAEMIC HORMONE?. Biological Reviews, 1989, 64, 305-316.	10.4	8
72	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

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73	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
74	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
75	Isolation and Structure of Three Neuropeptides from the Corpora Cardiaca of the American Cockroach. , 1990, , 223-226.		3
76	The salivary gland salivation stimulating peptide from Locusta migratoria (Lom-SG-SASP) is not a typical neuropeptide. PeerJ, 2017, 5, e3619.	2.0	3
77	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
78	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