

Jan A Veenstra

List of Publications by Year in descending order

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78
papers

6,933
citations

61857

43
h-index

66788

78
g-index

92
all docs

92
docs citations

92
times ranked

4572
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of <i>Tetranychus urticae</i> reveals herbivorous pest adaptations. <i>Nature</i> , 2011, 479, 487-492.	13.7	897
2	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12168-12173.	3.3	482
3	Mono- and dibasic proteolytic cleavage sites in insect neuroendocrine peptide precursors. <i>Archives of Insect Biochemistry and Physiology</i> , 2000, 43, 49-63.	0.6	320
4	Isolation and structure of corazonin, a cardioactive peptide from the American cockroach. <i>FEBS Letters</i> , 1989, 250, 231-234.	1.3	274
5	Regulatory peptides in fruit fly midgut. <i>Cell and Tissue Research</i> , 2008, 334, 499-516.	1.5	258
6	Neurohormones and neuropeptides encoded by the genome of <i>Lottia gigantea</i> , with reference to other mollusks and insects. <i>General and Comparative Endocrinology</i> , 2010, 167, 86-103.	0.8	228
7	AKH-producing neuroendocrine cell ablation decreases trehalose and induces behavioral changes in <i>Drosophila</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R531-R538.	0.9	191
8	Two nitridergic peptides are encoded by the gene <i>capability</i> in <i>Drosophila melanogaster</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R1297-R1307.	0.9	190
9	Mapping Peptidergic Cells in <i>Drosophila</i> : Where DIMM Fits In. <i>PLoS ONE</i> , 2008, 3, e1896.	1.1	172
10	Control of Lipid Metabolism by Tachykinin in <i>Drosophila</i> . <i>Cell Reports</i> , 2014, 9, 40-47.	2.9	165
11	The neuropeptide SIFamide modulates sexual behavior in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 305-310.	1.0	162
12	Neuropeptide evolution: Neurohormones and neuropeptides predicted from the genomes of <i>Capitella teleta</i> and <i>Helobdella robusta</i> . <i>General and Comparative Endocrinology</i> , 2011, 171, 160-175.	0.8	152
13	Allatostatin C and its paralog allatostatin double C: The arthropod somatostatins. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 161-170.	1.2	144
14	The contribution of the genomes of a termite and a locust to our understanding of insect neuropeptides and neurohormones. <i>Frontiers in Physiology</i> , 2014, 5, 454.	1.3	136
15	The <i>Dh</i> gene of <i>Drosophila melanogaster</i> encodes a diuretic peptide that acts through cyclic AMP. <i>Journal of Experimental Biology</i> , 2002, 205, 3799-3807.	0.8	136
16	Immunohistological localization of regulatory peptides in the midgut of the female mosquito <i>Aedes aegypti</i> . <i>Histochemistry and Cell Biology</i> , 1995, 104, 337-347.	0.8	120
17	Presence of corazonin in three insect species, and isolation and identification of [His7]corazonin from <i>Schistocerca americana</i> . <i>Peptides</i> , 1991, 12, 1285-1289.	1.2	118
18	Similarities between decapod and insect neuropeptides. <i>PeerJ</i> , 2016, 4, e2043.	0.9	117

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19	The power of next-generation sequencing as illustrated by the neuropeptidome of the crayfish <i>Procambarus clarkii</i> . <i>General and Comparative Endocrinology</i> , 2015, 224, 84-95.	0.8	111
20	Peptidergic paracrine and endocrine cells in the midgut of the fruit fly maggot. <i>Cell and Tissue Research</i> , 2009, 336, 309-323.	1.5	106
21	Allatostatin A Signalling in <i>Drosophila</i> Regulates Feeding and Sleep and Is Modulated by PDF. <i>PLoS Genetics</i> , 2016, 12, e1006346.	1.5	102
22	Intrinsic neurons of <i>Drosophila</i> mushroom bodies express short neuropeptide F: Relations to extrinsic neurons expressing different neurotransmitters. <i>Journal of Comparative Neurology</i> , 2008, 507, 1479-1496.	0.9	101
23	The Dh gene of <i>Drosophila melanogaster</i> encodes a diuretic peptide that acts through cyclic AMP. <i>Journal of Experimental Biology</i> , 2002, 205, 3799-807.	0.8	100
24	A Single cDNA Encodes All Three <i>Aedes</i> Leucokinins, Which Stimulate Both Fluid Secretion by the Malpighian Tubules and Hindgut Contractions. <i>Journal of Biological Chemistry</i> , 1997, 272, 10402-10407.	1.6	94
25	In silico cloning of genes encoding neuropeptides, neurohormones and their putative G-protein coupled receptors in a spider mite. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 277-295.	1.2	93
26	Does corazonin signal nutritional stress in insects?. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 755-762.	1.2	91
27	<i>Drosophila</i> Neuropeptide Signaling. <i>Advances in Genetics</i> , 2003, 49, 1-65.	0.8	86
28	<i>Drosophila</i> insulin-like peptide 1 (DILP1) is transiently expressed during non-feeding stages and reproductive dormancy. <i>Scientific Reports</i> , 2016, 6, 26620.	1.6	86
29	More <i>Drosophila</i> enteroendocrine peptides: Orcokinin B and the CCHamides 1 and 2. <i>Cell and Tissue Research</i> , 2014, 357, 607-621.	1.5	85
30	Localization of corazonin in the nervous system of the cockroach <i>Periplaneta americana</i> . <i>Cell and Tissue Research</i> , 1993, 274, 57-64.	1.5	84
31	Isolation and identification of a peptide and its cDNA from the mosquito <i>Aedes aegypti</i> related to <i>Manduca sexta</i> allatotropin. <i>Peptides</i> , 1999, 20, 1145-1151.	1.2	76
32	Coleoptera genome and transcriptome sequences reveal numerous differences in neuropeptide signaling between species. <i>PeerJ</i> , 2019, 7, e7144.	0.9	72
33	Sensitive enzyme immunoassay for <i>Manduca</i> allatotropin and the existence of an allatotropin-immunoreactive peptide in <i>Periplaneta americana</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 1993, 23, 99-109.	0.6	71
34	Identification of Three Allatostatins and Their cDNA From the Mosquito <i>Aedes aegypti</i> . <i>Peptides</i> , 1997, 18, 937-942.	1.2	71
35	Neuroendocrine cells in <i>Drosophila melanogaster</i> producing GPA2/GPB5, a hormone with homology to LH, FSH and TSH. <i>General and Comparative Endocrinology</i> , 2011, 170, 582-588.	0.8	68
36	Leucokinin and diuretic hormone immunoreactivity of neurons in the tobacco hornworm, <i>Manduca sexta</i> , and co-localization of this immunoreactivity in lateral neurosecretory cells of abdominal ganglia. <i>Cell and Tissue Research</i> , 1994, 278, 493-507.	1.5	66

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37	Stimulation of JH biosynthesis by the corpora allata of adult female <i>Aedes aegypti</i> in vitro: effect of farnesoic acid and Aedesallatotropin. <i>Journal of Experimental Biology</i> , 2003, 206, 1825-1832.	0.8	65
38	Detailed analysis of leucokinin-expressing neurons and their candidate functions in the <i>Drosophila</i> nervous system. <i>Cell and Tissue Research</i> , 2010, 339, 321-336.	1.5	65
39	A comparative study of leucokinin-immunoreactive neurons in insects. <i>Cell and Tissue Research</i> , 1994, 276, 69-83.	1.5	59
40	Genome-enabled insights into the biology of thrips as crop pests. <i>BMC Biology</i> , 2020, 18, 142.	1.7	54
41	Postembryonic development of corazonin-containing neurons and neurosecretory cells in the blowfly, <i>Phormia terraenovae</i> . <i>Journal of Comparative Neurology</i> , 1994, 350, 559-572.	0.9	53
42	Effects of 5-hydroxytryptamine on the Malpighian tubules of <i>Aedes aegypti</i> . <i>Journal of Insect Physiology</i> , 1988, 34, 299-304.	0.9	52
43	<i>Drosophila</i> insulin-like peptide <i>dilp1</i> increases lifespan and glucagon-like Akh expression epistatic to <i>dilp2</i> . <i>Aging Cell</i> , 2019, 18, e12863.	3.0	51
44	Allatostatins C, double C and triple C, the result of a local gene triplication in an ancestral arthropod. <i>General and Comparative Endocrinology</i> , 2016, 230-231, 153-157.	0.8	50
45	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.	1.5	45
46	SIFamide acts on fruitless neurons to modulate sexual behavior in <i>Drosophila melanogaster</i> . <i>Peptides</i> , 2015, 74, 50-56.	1.2	44
47	What the loss of the hormone neuroparsin in the melanogaster subgroup of <i>Drosophila</i> can tell us about its function. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 354-361.	1.2	39
48	Neuropeptide evolution: Chelicerate neurohormone and neuropeptide genes may reflect one or more whole genome duplications. <i>General and Comparative Endocrinology</i> , 2016, 229, 41-55.	0.8	39
49	Arthropod IGF, relaxin and gonadulin, putative orthologs of <i>Drosophila</i> insulin-like peptides 6, 7 and 8, likely originated from an ancient gene triplication. <i>PeerJ</i> , 2020, 8, e9534.	0.9	37
50	Allatotropin, leucokinin and AKH in honey bees and other Hymenoptera. <i>Peptides</i> , 2012, 35, 122-130.	1.2	36
51	Identification of neuroendocrine cells producing a diuretic hormone in the tobacco hornworm moth, <i>Manduca sexta</i> . <i>Cell and Tissue Research</i> , 1991, 266, 359-364.	1.5	32
52	Isoform-specific expression of the neuropeptide orcokinin in <i>Drosophila melanogaster</i> . <i>Peptides</i> , 2015, 68, 50-57.	1.2	32
53	Chemical identity, function and regulation of enteroendocrine peptides in insects. <i>Current Opinion in Insect Science</i> , 2015, 11, 8-13.	2.2	32
54	Rudimentary expression of RYamide in <i>Drosophila melanogaster</i> relative to other <i>Drosophila</i> species points to a functional decline of this neuropeptide gene. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 83, 68-79.	1.2	28

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55	Immunocytochemical demonstration of vertebrate peptides in invertebrates: The homology concept. <i>Neuropeptides</i> , 1988, 12, 49-54.	0.9	27
56	Genomics- and Peptidomics-Based Discovery of Conserved and Novel Neuropeptides in the American Cockroach. <i>Journal of Proteome Research</i> , 2021, 20, 1217-1228.	1.8	25
57	A new neuropeptide insect parathyroid hormone iPTH in the red flour beetle <i>Tribolium castaneum</i> . <i>PLoS Genetics</i> , 2020, 16, e1008772.	1.5	24
58	Two Lys-vasopressin-like peptides, EFLamide, and other phasmid neuropeptides. <i>General and Comparative Endocrinology</i> , 2019, 278, 3-11.	0.8	21
59	Ecdysone receptor homologs from mollusks, leeches and a polychaete worm. <i>FEBS Letters</i> , 2010, 584, 4458-4462.	1.3	19
60	Functional significance of the copper transporter ATP7 in peptidergic neurons and endocrine cells in <i>Drosophila melanogaster</i> . <i>FEBS Letters</i> , 2012, 586, 3633-3638.	1.3	17
61	Isolation of two AKH-related peptides from cicadas. <i>Archives of Insect Biochemistry and Physiology</i> , 1995, 29, 391-396.	0.6	16
62	Gonadulins, the fourth type of insulin-related peptides in decapods. <i>General and Comparative Endocrinology</i> , 2020, 296, 113528.	0.8	15
63	Identification of Gonadulin and Insulin-Like Growth Factor From Migratory Locusts and Their Importance in Reproduction in <i>Locusta migratoria</i> . <i>Frontiers in Endocrinology</i> , 2021, 12, 693068.	1.5	15
64	Ovary Maturing Parsin and Diuretic Hormone are produced by the same neuroendocrine cells in the migratory locust, <i>Locusta migratoria</i> . <i>Peptides</i> , 2000, 21, 737-739.	1.2	11
65	Regulatory Roles of <i>Drosophila</i> Insulin-Like Peptide 1 (DILP1) in Metabolism Differ in Pupal and Adult Stages. <i>Frontiers in Endocrinology</i> , 2020, 11, 180.	1.5	11
66	Ambulacrarian insulin-related peptides and their putative receptors suggest how insulin and similar peptides may have evolved from insulin-like growth factor. <i>PeerJ</i> , 2021, 9, e11799.	0.9	11
67	The TRH-ortholog EFLamide in the migratory locust. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 116, 103281.	1.2	10
68	Progress in the characterization of insulin-like peptides in aphids: Immunohistochemical mapping of ILP4. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 136, 103623.	1.2	10
69	Neuropeptides in <i>Rhipicephalus microplus</i> and other hard ticks. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101910.	1.1	10
70	Expression of the mu opioid receptor in <i>Drosophila</i> and its effects on trehalose and glycogen when expressed by the AKH neuroendocrine cells. <i>Peptides</i> , 2010, 31, 1383-1389.	1.2	9
71	DO INSECTS REALLY HAVE A HOMEOSTATIC HYPOTREHALOSAEMIC HORMONE?. <i>Biological Reviews</i> , 1989, 64, 305-316.	4.7	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. <i>Peptides</i> , 2021, 136, 170466.	1.2	7

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73	Identification of cells expressing Calcitonins A and B, PDF and ACP in <i>Locusta migratoria</i> using cross-reacting antisera and in situ hybridization. <i>Peptides</i> , 2021, 146, 170667.	1.2	6
74	Simulation of the activation of fat body glycogen phosphorylase and trehalose synthesis by peptide hormones in the American cockroach. <i>BioSystems</i> , 1989, 23, 31-40.	0.9	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 <i>Locusta migratoria</i> (Lom-SG-SASP) is not a typical neuropeptide. <i>PeerJ</i> , 2017, 5, e3619.	0.9	3
77	The apparent absence of a homeostatic hypotrehalosaemic hormone in the German cockroach (<i>Blattella germanica</i>). <i>Journal of Insect Physiology</i> , 1989, 35, 57-61.	0.9	2
78	Most lepidopteran neuroparsin genes seem functional, but in some domesticated silkworm strains it has a fatal mutation. <i>General and Comparative Endocrinology</i> , 2020, 285, 113274.	0.8	1