Gerd GÃ¤de

List of Publications by Year
in descending order

168	5,495	87723 38	114278 63
papers	citations	h-index	g-index

174	174	174	2188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Silico Screening for Pesticide Candidates against the Desert Locust Schistocerca gregaria. Life, 2022, 12, 387.	1.1	2
2	Biochemically identified neuropeptides in a caddisfly (Trichoptera) and a pygmy mole cricket (Orthoptera: Caelifera: Tridactyloidea). Archives of Insect Biochemistry and Physiology, 2021, 106, e21778.	0.6	1
3	Insights into the Activation of a Crustacean G Protein-Coupled Receptor: Evaluation of the Red Pigment-Concentrating Hormone Receptor of the Water Flea Daphnia pulex (Dappu-RPCH R). Biomolecules, 2021, 11, 710.	1.8	3
4	Structure-Activity Studies on the Hypertrehalosemic Hormone II of the Stick Insect Carausius morosus (Phasmatodea): Carbohydrate-Mobilization and Cardio-Stimulatory Activities. Frontiers in Physiology, 2020, 11, 315.	1.3	2
5	The Adipokinetic Peptides in Diptera: Structure, Function, and Evolutionary Trends. Frontiers in Endocrinology, 2020, 11, 153.	1.5	12
6	Adipokinetic Hormone: A Hormone for All Seasons?. , 2020, , 129-175.		7
7	Unique Members of the Adipokinetic Hormone Family in Butterflies and Moths (Insecta, Lepidoptera). Frontiers in Physiology, 2020, 11, 614552.	1.3	11
8	The hypertrehalosaemic neuropeptide conformational twins of cicadas consist of only l-amino acids: are they cisâ€“trans isomers?. Amino Acids, 2019, 51, 1023-1028.	1.2	6
9	Structural diversity of adipokinetic hormones in the hyperdiverse coleopteran Cucujiformia. Archives of Insect Biochemistry and Physiology, 2019, 102, e21611.	0.6	11
10	Five Neuropeptide Ligands Meet One Receptor: How Does This Tally? A Structure-Activity Relationship Study Using Adipokinetic Bioassays With the Sphingid Moth, Hippotion eson. Frontiers in Endocrinology, 2019, 10, 231.	1.5	11
11	Insight Into Mosquito GnRH-Related Neuropeptide Receptor Specificity Revealed Through Analysis of Naturally Occurring and Synthetic Analogs of This Neuropeptide Family. Frontiers in Endocrinology, 2019, 10, 742.	1.5	11
12	The adipokinetic hormones and their cognate receptor from the desert locust, Schistocerca gregaria: solution structure of endogenous peptides and models of their binding to the receptor. PeerJ, 2019, 7, e7514.	0.9	14
13	Influence of aminergic and peptidergic substances on heart beat frequency in the stick insect Carausius morosus (Insecta, Phasmatodea). Archives of Insect Biochemistry and Physiology, 2018, 98, e21469.	0.6	13
14	Interaction of the red pigment-concentrating hormone of the crustacean Daphnia pulex, with its cognate receptor, Dappu-RPCHR: A nuclear magnetic resonance and modeling study. International Journal of Biological Macromolecules, 2018, 106, 969-978.	3.6	16
15	d-Proline: Comment to â€œAn overview on d-amino acidsâ€• Amino Acids, 2018, 50, 359-361.	1.2	6
16	Analysis of Peptide Ligand Specificity of Different Insect Adipokinetic Hormone Receptors. International Journal of Molecular Sciences, 2018, 19, 542.	1.8	37
17	Seasonal differences in body mass and circulating metabolites in a wingâ€dimorphic pygmy grasshopper: implications for life history?. Ecological Entomology, 2018, 43, 675-682.	1.1	4
18	The adipokinetic hormone of Mantodea in comparison to other Dictyoptera. Archives of Insect Biochemistry and Physiology, 2017, 94, e21376.	0.6	4

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19	Structure and function of adipokinetic hormones of the large white butterfly Pieris brassicae. Physiological Entomology, 2017, 42, 103-112.	0.6	17
20	The adipokinetic hormone of the coleopteran suborder Adephaga: Structure, function, and comparison of distribution in other insects. Archives of Insect Biochemistry and Physiology, 2017, 95, e21399.	0.6	11
21	The hypertrehalosemic neuropeptides of cicadas are structural isomersâ€"evidence by ion mobility mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 6415-6420.	1.9	6
22	Characterisation and pharmacological analysis of a crustacean G protein-coupled receptor: the red pigment-concentrating hormone receptor of Daphnia pulex. Scientific Reports, 2017, 7, 6851.	1.6	34
23	The African froghopper Ptyelus flavescens (suborder: Cicadomorpha) contains two novel and one known peptides of the adipokinetic hormoneÂ(AKH) family: structure, function and comparison with aphid AKH (suborder: Sternorrhyncha). Amino Acids, 2017, 49, 1679-1690.	1.2	6
24	Data for the homology modelling of the red pigment-concentrating hormone receptor (Dappu-RPCHR) of the crustacean Daphnia pulex , and docking of its cognate agonist (Dappu-RPCH). Data in Brief, 2017, 15, 941-947.	0.5	2
25	Identification and bioactivity evaluation of the first neuropeptide from the lesser-known insect order Embioptera (webspinner). Amino Acids, 2016, 48, 1677-1684.	1.2	6
26	Novel members of the adipokinetic hormone family in beetles of the superfamily Scarabaeoidea. Amino Acids, 2016, 48, 2785-2798.	1.2	16
27	Characterization and pharmacological analysis of two adipokinetic hormone receptor variants of the tsetse fly, Glossina morsitans morsitans. Insect Biochemistry and Molecular Biology, 2016, 70, 73-84.	1.2	28
28	Adipokinetic hormone receptor gene identification and its role in triacylglycerol metabolism in the blood-sucking insect Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2016, 69, 51-60.	1.2	47
29	The decapod red pigment-concentrating hormone (Panbo-RPCH) is the first identified neuropeptide of the order Plecoptera and is interpreted as homoplastic character state. General and Comparative Endocrinology, 2015, 221, 228-235.	0.8	12
30	A novel adipokinetic peptide from the corpus cardiacum of the primitive caeliferan pygmy grasshopper Tetrix subulata (Caelifera, Tetrigidae). Peptides, 2015, 68, 43-49.	1.2	6
31	Structureâ€"activity relationship of adipokinetic hormone analogs in the striped hawk moth, Hippotion eson. Peptides, 2015, 68, 205-210.	1.2	12
32	Two novel tyrosine-containing peptides (Tyr4) of the adipokinetic hormone family in beetles of the families Coccinellidae and Silphidae. Amino Acids, 2015, 47, 2323-2333.	1.2	10
33	Structural studies of adipokinetic hormones in water and DPC micelle solution using NMR distance restrained molecular dynamics. Peptides, 2014, 53, 270-277.	1.2	8
34	Genome Sequence of the Tsetse Fly (Glossina morsitans): Vector of African Trypanosomiasis. Science, 2014, 344, 380-386.	6.0	254
35	Role of Phote-HrTH (Phormia terraenovae hypertrehalosemic hormone) in modulating the supercontractile muscles of the crop of adult Phormia regina Meigen. Journal of Insect Physiology, 2014, 71, 147-155.	0.9	21
36	cDNA cloning and transcript distribution of two novel members of the neuroparsin peptide family in a hemipteran insect (Nezara viridula) and a decapod crustacean (Jasus lalandii). Peptides, 2014, 53, 97-105.	1.2	15

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37	Adipokinetic hormones of the two extant apterygotan insect orders, Archaeognatha and Zygentoma. Journal of Insect Physiology, 2014, 60, 17-24.	0.9	11
38	Novel adipokinetic hormones in the kissing bugs Rhodnius prolixus, Triatoma infestans, Dipetalogaster maxima and Panstrongylus megistus. Peptides, 2013, 41, 21-30.	1.2	30
39	The adipokinetic hormones of <scp>A</scp>frican water bugs of the <scp>H</scp>eteropteran families <scp>N</scp>epidae and <scp>B</scp>elostomatidae. Physiological Entomology, 2013, 38, 279-291.	0.6	3
40	Five functional adipokinetic peptides expressed in the corpus cardiacum of the moth genus Hippotion (Lepidoptera, Sphingidae). Regulatory Peptides, 2013, 184, 85-95.	1.9	17
41	AKH/RPCH Peptides. , 2013, , 185-190.		17
42	Sequencing and biological effects of an adipokinetic/hypertrehalosemic peptide in the stick insect, Baculum extradentatum. Peptides, 2012, 34, 51-56.	1.2	18
43	Adipokinetic hormones (AKHs) of sphingid Lepidoptera, including the identification of a second M. sexta AKH. Peptides, 2012, 34, 44-50.	1.2	19
44	Cytogenetic analyses of Azadirachtin reveal absence of genotoxicity but marked antiproliferative effects in human lymphocytes and CHO cells in vitro. Toxicology Letters, 2012, 213, 361-366.	0.4	11
45	The adipokinetic hormone (AKH) of one of the most basal orders of Pterygota: Structure and function of Ephemeroptera AKH. Journal of Insect Physiology, 2012, 58, 1390-1396.	0.9	10
46	Structureâ€“activity studies of Drosophila adipokinetic hormone (AKH) by a cellular expression system of dipteran AKH receptors. General and Comparative Endocrinology, 2012, 177, 332-337.	0.8	51
47	An invertebrate [hydroxyproline]-modified neuropeptide: Further evidence for a close evolutionary relationship between insect adipokinetic hormone and mammalian gonadotropin hormone family. Biochemical and Biophysical Research Communications, 2011, 414, 592-597.	1.0	35
48	The first decapeptide adipokinetic hormone (AKH) in Heteroptera: A novel AKH from a South African saucer bug, Laccocoris spurcus (Naucoridae, Laccocorinae). Peptides, 2011, 32, 454-460.	1.2	17
49	Adipokinetic hormones provide inference for the phylogeny of Odonata. Journal of Insect Physiology, 2011, 57, 174-178.	0.9	16
50	The adipokinetic hormone family in Chrysomeloidea: structural and functional considerations. ZooKeys, 2011, 157, 81-94.	0.5	10
51	Biological activity of the predicted red pigment-concentrating hormone of Daphnia pulex in a crustacean and an insect. General and Comparative Endocrinology, 2010, 166, 104-110.	0.8	29
52	The adipokinetic hormones of Heteroptera: a comparative study. Physiological Entomology, 2010, 35, 117-127.	0.6	41
53	A novel member of the adipokinetic peptide family in a â€œliving fossilâ€; the ice crawler Galloisiana yuasai, is the first identified neuropeptide from the order Grylloblattodea. Peptides, 2010, 31, 372-376.	1.2	18
54	Neuropeptide Action in Insects and Crustaceans. Physiological and Biochemical Zoology, 2010, 83, 836-846.	0.6	46

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55	Hormonal regulation of energy metabolism in insects as a driving force for performance. Integrative and Comparative Biology, 2009, 49, 380-392.	0.9	147
56	Adipokinetic hormone signaling through the gonadotropin-releasing hormone receptor modulates egg-laying in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1642-1647.	3.3	143
57	Flight-related metabolism and its regulatory peptides in the spittle bug Locris arithmetica (Cicadomorpha: Cercopidae) and the stink bugs Nezara viridula (Heteroptera: Pentatomidae) and Encosternum delegorguei (Heteroptera: Tessaratomidae). Journal of Insect Physiology, 2009, 55, 1134-1144.	0.9	14
58	A proteomic approach for studying insect phylogeny: CAPA peptides of ancient insect taxa (Dictyoptera, Blattoptera) as a test case. BMC Evolutionary Biology, 2009, 9, 50.	3.2	40
59	Peptides of the adipokinetic hormone/red pigment-concentrating hormone family with special emphasis on Caelifera: Primary sequences and functional considerations contrasting grasshoppers and locusts. General and Comparative Endocrinology, 2009, 162, 59-68.	0.8	22
60	Peptides of the Adipokinetic Hormone/Red Pigmentâ€Concentrating Hormone Family. Annals of the New York Academy of Sciences, 2009, 1163, 125-136.	1.8	108
61	The first identified neuropeptide in the insect order Megaloptera: A novel member of the adipokinetic hormone family in the alderfly Sialis lutaria. Peptides, 2009, 30, 477-482.	1.2	18
62	Solution conformations of an insect neuropeptide: Crustacean cardioactive peptide (CCAP). Peptides, 2009, 30, 557-564.	1.2	16
63	The adipokinetic hormone system in Culicinae (Diptera: Culicidae): Molecular identification and characterization of two adipokinetic hormone (AKH) precursors from Aedes aegypti and Culex pipiens and two putative AKH receptor variants from A. aegypti. Insect Biochemistry and Molecular Biology, 2009, 39, 770-781.	1.2	85
64	Câ€mannosylation in the hypertrehalosaemic hormone from the stick insect Carausius morosus. FEBS Journal, 2008, 275, 1163-1173.	2.2	42
65	Structureâ€“activity studies with endogenous allatostatins from Periplaneta americana: Expressed receptor compared with functional bioassay. Journal of Insect Physiology, 2008, 54, 988-996.	0.9	8
66	Predicted versus expressed adipokinetic hormones, and other small peptides from the corpus cardiacumâ€“corpus allatum: A case study with beetles and moths. Peptides, 2008, 29, 1124-1139.	1.2	38
67	Bladder grasshoppers (Caelifera: Pneumoridae) contain three adipokinetic peptides. European Journal of Entomology, 2008, 105, 211-217.	1.2	2
68	A novel adipokinetic peptide in a water boatman (Heteroptera, Corixidae) and its bioanalogue in a saucer bug (Heteroptera, Naucoridae). Peptides, 2007, 28, 594-601.	1.2	21
69	Water scorpions (Heteroptera, Nepidae) and giant water bugs (Heteroptera, Belostomatidae): Sources of new members of the adipokinetic hormone/red pigment-concentrating hormone family. Peptides, 2007, 28, 1359-1367.	1.2	20
70	Endocrine control of TAG lipase in the fat body of the migratory locust, Locusta migratoria. Insect Biochemistry and Molecular Biology, 2006, 36, 759-768.	1.2	35
71	Unique translational modification of an invertebrate neuropeptide: a phosphorylated member of the adipokinetic hormone peptide family. Biochemical Journal, 2006, 393, 705-713.	1.7	36
72	Flight fuel and neuropeptidergic control of fuel mobilisation in the twig wilter, Holopterna alata (Hemiptera, Coreidae). Journal of Insect Physiology, 2006, 52, 1171-1181.	0.9	20

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73	Structure, Function and Mode of Action of Select Arthropod Neuropeptides. Studies in Natural Products Chemistry, 2006, 33, 69-139.	0.8	33
74	Unusual complement of three AKH octapeptides in two species of grasshoppers (Caelifera). European Journal of Entomology, 2006, 103, 297-304.	1.2	6
75	The adipokinetic hormones of Odonata: A phylogenetic approach. Journal of Insect Physiology, 2005, 51, 333-341.	0.9	37
76	Mass spectral signature for insect adipokinetic hormones. Rapid Communications in Mass Spectrometry, 2005, 19, 3021-3024.	0.7	20
77	Neuropeptides regulating development and reproduction in insects. Physiological Entomology, 2005, 30, 103-121.	0.6	55
78	Activation of triacylglycerol lipase in the fat body of a beetle by adipokinetic hormone. Insect Biochemistry and Molecular Biology, 2005, 35, 461-470.	1.2	32
79	The newly discovered insect order Mantophasmatodea contains a novel member of the adipokinetic hormone family of peptides. Biochemical and Biophysical Research Communications, 2005, 330, 598-603.	1.0	24
80	Peptidomics of neurohemal organs from species of the cockroach family Blattidae: how do neuropeptides of closely related species differ?. Peptides, 2005, 26, 3-9.	1.2	26
81	Substrate usage and its regulation during flight and swimming in the backswimmer, Notonecta glauca. Physiological Entomology, 2004, 29, 84-93.	0.6	31
82	REGULATION OFINTERMEDIARYMETABOLISM ANDWATERBALANCE OFINSECTS BYNEUROPEPTIDES. Annual Review of Entomology, 2004, 49, 93-113.	5.7	210
83	Mode of action of neuropeptides from the adipokinetic hormone family. General and Comparative Endocrinology, 2003, 132, 10-20.	0.8	222
84	Insect peptide hormones: a selective review of their physiology and potential application for pest control. Pest Management Science, 2003, 59, 1063-1075.	1.7	184
85	Red pigment-concentrating hormone is not limited to crustaceans. Biochemical and Biophysical Research Communications, 2003, 309, 967-973.	1.0	60
86	A phylogenetic analysis of the adipokinetic neuropeptides of Ensifera. Physiological Entomology, 2003, 28, 283-289.	0.6	21
87	Sexual dimorphism in the pyrgomorphid grasshopper Phymateus morbillosus: from wing morphometry and flight behaviour to flight physiology and endocrinology. Physiological Entomology, 2002, 27, 51-57.	0.6	16
88	Allatoregulatory peptidesâ€”molecules with multiple functions. Invertebrate Reproduction and Development, 2002, 41, 127-135.	0.3	29
89	Beetlesâ€™ choiceâ€”proline for energy output: control by AKHs. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 132, 117-129.	0.7	86
90	Physiological and biochemical aspects of flight metabolism in cocoon-enclosed adults of the fruit beetle, Pachnoda sinuata. Journal of Insect Physiology, 2002, 48, 239-248.	0.9	8

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91	Structural, Functional, and Evolutionary Characterization of Novel Members of the Allatostatin Receptor Family from Insects. Biochemical and Biophysical Research Communications, 2001, 282, 904-909.	1.0	52
92	Cytotoxicity of azadirachtin A in human glioblastoma cell lines. Life Sciences, 2001, 68, 1153-1160.	2.0	45
93	Characterisation of moult-inhibiting activities of sinus glands of the spiny lobster,Jasus lalandii. Invertebrate Reproduction and Development, 2001, 39, 99-107.	0.3	10
94	Conformational study of insect adipokinetic hormones using NMR constrained molecular dynamics. Journal of Computer-Aided Molecular Design, 2001, 15, 259-270.	1.3	20
95	Flight substrates and their regulation by a member of the AKH/RPCH family of neuropeptides in Cerambycidae. Journal of Insect Physiology, 2000, 46, 1575-1584.	0.9	14
96	Cyclic AMP mediates the elevation of proline by AKH peptides in the cetoniid beetle, Pachnoda sinuata. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1495, 78-89.	1.9	17
97	Identification of multiple peptides homologous to cockroach and cricket allatostatins in the stick insect Carausius morosus. Insect Biochemistry and Molecular Biology, 2000, 30, 711-718.	1.2	53
98	A third active AKH is present in the pyrgomorphid grasshoppers Phymateus morbillosus and Dictyophorus spumans. Insect Biochemistry and Molecular Biology, 2000, 30, 1061-1067.	1.2	26
99	NMR Study of Insect Adipokinetic Hormones. Spectroscopy Letters, 2000, 33, 875-891.	0.5	4
100	On the Release of the Three Locust (Locusta migratoria) Adipokinetic Hormones: Effect of Crustacean Cardioactive Peptide and Inhibition by Sugars. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1999, 54, 110-118.	0.6	16
101	Presence of an adipokinetic peptide in the corpus cardiacum of Dermaptera but not in the neurohaemal aorta, and chemical and functional identification of the peptide. Physiological Entomology, 1999, 24, 327-332.	0.6	7
102	Hypertrehalosaemic peptides in the honeybee (Apis mellifera): purification, identification and function. Journal of Insect Physiology, 1999, 45, 647-653.	0.9	32
103	Effects of metabolic neuropeptides from insect corpora cardiaca on proline metabolism of the African fruit beetle, Pachnoda sinuata. Journal of Insect Physiology, 1999, 45, 535-543.	0.9	26
104	Post-translational modifications of the insect sulfakinins. Sulfation, pyroglutamate-formation and O-methylation of glutamic acid. FEBS Journal, 1999, 263, 552-560.	0.2	56
105	DragonflyErythemis simplicicollis contains a novel adipokinetic neuropeptide. Archives of Insect Biochemistry and Physiology, 1999, 40, 99-106.	0.6	7
106	Allatostatins from the retrocerebral complex and antennal pulsatile organ of the American cockroach: structural elucidation aided by matrix-assisted laser desorption/ionizationâ€“time-of-flight mass spectrometry. Regulatory Peptides, 1999, 82, 81-89.	1.9	30
107	Dragonfly Erythemis simplicicollis contains a novel adipokinetic neuropeptide. , 1999, 40, 99.		1
108	The Adipokinetic Hormone/Red Pigment-Concentrating Hormone Family: New Structures, Unique Post-Translational Modifications and a New Physiological Rolea. Annals of the New York Academy of Sciences, 1998, 839, 101-104.	1.8	1

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109	Flight metabolism in carpenter bees and primary structure of their hypertrehalosaemic peptide. Experimental Biology Online, 1998, 3, 1-11.	1.0	12
110	The molecular conformations of representative arthropod adipokinetic peptides determined by circular dichroism spectroscopy. Insect Biochemistry and Molecular Biology, 1998, 28, 43-50.	1.2	22
111	Insect neuropeptides regulating substrate mobilisation. South African Journal of Zoology, 1998, 33, 65-70.	0.5	20
112	Hyperprolinaemia caused by novel members of the adipokinetic hormone/red pigment-concentrating hormone family of peptides isolated from corpora cardiaca of onitine beetles. Biochemical Journal, 1997, 321, 201-206.	1.7	36
113	Structural data on hypertrehalosaemic neuropeptides from Cryptocercus punctulatus and Therea petiveriana : how do they fit into the phylogeny of cockroaches?. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 763-768.	1.2	28
114	Distinct Sequences of AKH/RPCH Family Members in Beetle (Scarabaeus-Species) Corpus Cardiacum Contain Three Aromatic Amino Acid Residues. Biochemical and Biophysical Research Communications, 1997, 230, 16-21.	1.0	29
115	Isolation and Structural Elucidation of Two Pyrokinins From the Retrocerebral Complex of the American Cockroach. Peptides, 1997, 18, 473-478.	1.2	35
116	Sequences of recently identified adipokinetic peptides: what do they tell us with respect to their hyperlipaemic activity in migratory locusts?. Invertebrate Neuroscience, 1997, 3, 217-222.	1.8	7
117	Separating food and water deprivation in locusts: effects on the patterns of consumption, locomotion and growth. Physiological Entomology, 1996, 21, 76-84.	0.6	15
118	Pyrgomorphid grasshoppers of the genus Phymateus contain species-specific decapeptides of the AKH/RPCH family regulating lipid-mobilization during flight. Physiological Entomology, 1996, 21, 193-202.	0.6	15
119	The Revolution in Insect Neuropeptides Illustrated by the Adipokinetic Hormone/Red Pigment-Concentrating Hormone Family of Peptides. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1996, 51, 607-617.	0.6	75
120	Isolation and identification of AKH/RPCH family peptides in blister beetles (Meloidae). Physiological Entomology, 1995, 20, 45-51.	0.6	15
121	Adipokinetic Neuropeptides and Flight Metabolism in Three Moth Species of the Families Sphingidae, Saturniidae and Bombycidae. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1995, 50, 425-434.	0.6	7
122	Isolation and primary structures of neuropeptides of the family from various termite species. Peptides, 1995, 16, 559-564.	1.2	14
123	Structure-activity relationships for Periplaneta americana hypertrehalosemic hormone I: The importance of side chains and termini. Peptides, 1995, 16, 1173-1180.	1.2	33
124	Isolation and primary structure of a novel adipokinetic peptide from the pyrgomorphid grasshopper, Phymateus leprosus. Regulatory Peptides, 1995, 57, 247-252.	1.9	13
125	Cicadas Contain Novel Members of the AKH/RPCH Family Peptides with Hypertrehalosaemic Activity. Biological Chemistry Hoppe-Seyler, 1994, 375, 803-810.	1.4	30
126	A novel peptide in the AKH/RPCH family isolated from the corpora cardiaca of the Emperor dragonfly, Anax imperator. Peptides, 1994, 15, 1-6.	1.2	30

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127	Studies on blood sugar homeostasis in the honeybee (Apis mellifera, L.). Journal of Insect Physiology, 1993, 39, 89-97.	0.9	35
128	Structure-activity relationships for the lipid-mobilizing action of further bioanalogues of the adipokinetic hormone/red pigment-concentrating hormone family of peptides. Journal of Insect Physiology, 1993, 39, 375-383.	0.9	26
129	Primary Structures of Neuropeptides Isolated from the Corpora Cardiaca of Various Cetonid Beetle Species Determined by Pulsed-Liquid Phase Sequencing and Tandem Fast Atom Bombardment Mass Spectrometry. Biological Chemistry Hoppe-Seyler, 1992, 373, 133-142.	1.4	24
130	Isolation and Structure Elucidation of Neuropeptides of the AKH/RPCH Family in Long-Horned Grasshoppers (Ensifera). Biological Chemistry Hoppe-Seyler, 1992, 373, 1169-1178.	1.4	22
131	A tryptophan-substituted member of the AKH/RPCH family isolated from a stick insect corpus cardiacum. Biochemical and Biophysical Research Communications, 1992, 189, 1303-1309.	1.0	55
132	Structure-activity relationships for the carbohydrate-mobilizing action of further bioanalogues of the adipokinetic hormone/red pigment-concentrating hormone family of peptides. Journal of Insect Physiology, 1992, 38, 259-266.	0.9	25
133	Primary structures of the hypertrehalosemic peptides from corpora cardiaca of the primitive cockroach Polyphaga aegyptiaca. General and Comparative Endocrinology, 1992, 86, 119-127.	0.8	22
134	Glycogen Phosphorylase in the Fat Body of Two Cockroach Species, Periplaneta americana and Nauphoeta cinerea: Isolation, Partial Characterization of Three Forms and Activation by Hypertrehalosaemic Hormones. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 149-162.	0.6	12
135	Storage and release of neuropeptides from the corpus cardiacum of the Eastern lubber grasshopper,Romalea microptera. The Journal of Experimental Zoology, 1991, 258, 60-68.	1.4	11
136	The Adipokinetic Neuropeptide of Mantodea. Sequence Elucidation and Evolutionary Relationships. Biological Chemistry Hoppe-Seyler, 1991, 372, 193-202.	1.4	33
137	Structureâ€“function studies on hypertrehalosaemic and adipokinetic hormones: activity of naturally occurring analogues and some N- and C-terminal modified analogues. Physiological Entomology, 1990, 15, 299-316.	0.6	41
138	The Sequence of Acheta Adipokinetic Hormone and the Variation in Corpus cardiacum Content and Hyperlipaemic Response with Age. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1990, 45, 1176-1184.	0.6	16
139	The Putative Ancestral Peptide of the Adipokinetic/Red-Pigment-Concentrating Hormone Family Isolated and Sequenced from a Dragonfly. Biological Chemistry Hoppe-Seyler, 1990, 371, 475-484.	1.4	12
140	Primary Structures of Hypertrehalosaemic Neuropeptides Isolated from the Corpora Cardiaca of the CockroachesLeucophaea maderae, Gromphadorhina portentosa, Blattella germanicaandBlatta orientalisand of the Stick InsectExtatosoma tiaratumAssigned by Tandem Fast Atom Bombardment Mass Spectrometry. Biological Chemistry Hoppe-Seyler, 1990, 371, 345-354.	1.4	20
141	The primary structure of the hypertrehalosemic neuropeptide from tenebrionid beetles: A novel member of the AKH/RPCH family. Peptides, 1990, 11, 455-459.	1.2	38
142	Hormonal regulation of carbohydrate metabolism in the blowfly Phormia terraenovae. Journal of Insect Physiology, 1990, 36, 441-449.	0.9	22
143	The adipokinetic hormone/red pigment-concentrating hormone peptide family: Structures, interrelationships and functions. Journal of Insect Physiology, 1990, 36, 1-12.	0.9	140
144	Extraction, Purification and Sequencing of Adipokinetic/Red Pigment-Concentrating Hormone-Family Peptides. , 1990, , 165-182.		6

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145	Isolation, physiological characterization, release and sequence elucidation of a hypertrehalosaemic neuropeptide from the corpus cardiacum of the stick insect, Sipyloidea sipylus. Physiological Entomology, 1989, 14, 405-418.	0.6	10
146	The hypertrehalosaemic peptides of cockroaches: A phylogenetic study. General and Comparative Endocrinology, 1989, 75, 287-300.	0.8	43
147	Activation of fat body glycogen phosphorylase in the eastern lubber grasshopper (Romalea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 250, 140-149.	1.4	8
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