Heleen Verlinden

List of Publications by Year
in descending order

45 papers	2,225 citations	172386 29 h-index	243529 44 g-index
45 all docs	45 docs citations	45 times ranked	1767 citing authors

#	Article	IF	Citations
1	Schistocerca neuropeptides â€“ An update. Journal of Insect Physiology, 2022, 136, 104326.	0.9	10
2	Conformational analysis of a cyclic AKH neuropeptide analog that elicits selective activity on locust versus honeybee receptor. Insect Biochemistry and Molecular Biology, 2020, 125, 103362.	1.2	6
3	First draft genome assembly of the desert locust, Schistocerca gregaria. F1000Research, 2020, 9, 775.	0.8	24
4	Can BRET-based biosensors be used to characterize G-protein mediated signaling pathways of an insect GPCR, the Schistocerca gregaria CRF-related diuretic hormone receptor?. Insect Biochemistry and Molecular Biology, 2020, 122, 103392.	1.2	3
5	First draft genome assembly of the desert locust, Schistocerca gregaria. F1000Research, 2020, 9, 775.	0.8	34
6	Dopamine signalling in locusts and other insects. Insect Biochemistry and Molecular Biology, 2018, 97, 40-52.	1.2	54
7	Molecular cloning and characterization of the SIFamide precursor and receptor in a hymenopteran insect, Bombus terrestris. General and Comparative Endocrinology, 2018, 258, 39-52.	0.8	15
8	Analysis of Peptide Ligand Specificity of Different Insect Adipokinetic Hormone Receptors. International Journal of Molecular Sciences, 2018, 19, 542.	1.8	37
9	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
10	From Molecules to Management: Mechanisms and Consequences of Locust Phase Polyphenism. Advances in Insect Physiology, 2017, 53, 167-285.	1.1	101
11	Honey Bee Allatostatins Target Galanin/Somatostatin-Like Receptors and Modulate Learning: A Conserved Function?. PLoS ONE, 2016, 11, e0146248.	1.1	37
12	Characterization of the adipokinetic hormone receptor of the anautogenous flesh fly, Sarcophaga crassipalpis. Journal of Insect Physiology, 2016, 89, 52-59.	0.9	15
13	Molecular cloning and characterization of the allatotropin precursor and receptor in the desert locust, Schistocerca gregaria. Frontiers in Neuroscience, 2015, 9, 84.	1.4	14
14	The pleiotropic allatoregulatory neuropeptides and their receptors: A mini-review. Journal of Insect Physiology, 2015, 80, 2-14.	0.9	67
15	Drosha, Dicer-1 and Argonaute-1 in the desert locust: Phylogenetic analyses, transcript profiling and regulation during phase transition and feeding. Journal of Insect Physiology, 2015, 75, 20-29.	0.9	12
16	Pharmacological and signalling properties of a D2-like dopamine receptor (Dop3) in Tribolium castaneum. Insect Biochemistry and Molecular Biology, 2015, 56, 9-20.	1.2	23
17	Signalling properties and pharmacology of a 5â€<scp>HT</scp>₇â€type serotonin receptor from <i><scp>T</scp>ribolium castaneum</i>. Insect Molecular Biology, 2014, 23, 230-243.	1.0	19
18	Receptors for Neuronal or Endocrine Signalling Molecules as Potential Targets for the Control of Insect Pests. Advances in Insect Physiology, 2014, 46, 167-303.	1.1	56

#	Article	IF	Citations
19	Signaling Properties and Pharmacological Analysis of Two Sulfakinin Receptors from the Red Flour Beetle, Tribolium castaneum. PLoS ONE, 2014, 9, e94502.	1.1	16
20	Developmentalâ€•and foodâ€dependent <i>foraging</i> transcript levels in the desert locust. Insect Science, 2013, 20, 679-688.	1.5	11
21	Characterisation of a functional allatotropin receptor in the bumblebee, Bombus terrestris (Hymenoptera, Apidae). General and Comparative Endocrinology, 2013, 193, 193-200.	0.8	20
22	Functional Characterization of the Short Neuropeptide F Receptor in the Desert Locust, Schistocerca gregaria. PLoS ONE, 2013, 8, e53604.	1.1	50
23	Pharmacological Characterization of a 5-HT1-Type Serotonin Receptor in the Red Flour Beetle, Tribolium castaneum. PLoS ONE, 2013, 8, e65052.	1.1	33
24	Peptidergic control of food intake and digestion in insects¹This review is part of a virtual symposium on recent advances in understanding a variety of complex regulatory processes in insect physiology and endocrinology, including development, metabolism, cold hardiness, food intake and digestion, and diuresis, through the use of omics technologies in the postgenomic era.. Canadian Journal of Zoology, 2012, 90, 489-506.	0.4	31
25	More than two decades of research on insect neuropeptide GPCRs: an overview. Frontiers in Endocrinology, 2012, 3, 151.	1.5	180
26	Tissue-dependence and sensitivity of the systemic RNA interference response in the desert locust, Schistocerca gregaria. Insect Biochemistry and Molecular Biology, 2012, 42, 911-917.	1.2	83
27	Critical role for protein kinase A in the acquisition of gregarious behavior in the desert locust. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E381-7.	3.3	69
28	RNAi-mediated knockdown of Shade negatively affects ecdysone-20-hydroxylation in the desert locust, Schistocerca gregaria. Journal of Insect Physiology, 2012, 58, 890-896.	0.9	44
29	Final steps in juvenile hormone biosynthesis in the desert locust, Schistocerca gregaria. Insect Biochemistry and Molecular Biology, 2011, 41, 219-227.	1.2	98
30	Isolation and functional characterization of an allatotropin receptor from Manduca sexta. Insect Biochemistry and Molecular Biology, 2011, 41, 804-814.	1.2	50
31	Characterization of an allatotropin-like peptide receptor in the red flour beetle, Tribolium castaneum. Insect Biochemistry and Molecular Biology, 2011, 41, 815-822.	1.2	39
32	RNA interference of insulin-related peptide and neuroparsins affects vitellogenesis in the desert locust Schistocerca gregaria. Peptides, 2011, 32, 573-580.	1.2	86
33	Transcriptome Analysis of the Desert Locust Central Nervous System: Production and Annotation of a Schistocerca gregaria EST Database. PLoS ONE, 2011, 6, e17274.	1.1	90
34	Role of the Halloween genes, Spook and Phantom in ecdysteroidogenesis in the desert locust, Schistocerca gregaria. Journal of Insect Physiology, 2011, 57, 1240-1248.	0.9	83
35	Locust phase polyphenism: Does epigenetic precede endocrine regulation?. General and Comparative Endocrinology, 2011, 173, 120-128.	0.8	43
36	Microarray-Based Transcriptomic Analysis of Differences between Long-Term Gregarious and Solitarious Desert Locusts. PLoS ONE, 2011, 6, e28110.	1.1	36

#	ARTICLE	IF	CITATIONS
37	The cloning, phylogenetic relationship and distribution pattern of two new putative GPCR-type octopamine receptors in the desert locust (Schistocerca gregaria). Journal of Insect Physiology, 2010, 56, 868-875.	0.9	38
38	The role of octopamine in locusts and other arthropods. Journal of Insect Physiology, 2010, 56, 854-867.	0.9	142
39	Control of ecdysteroidogenesis in prothoracic glands of insects: A review. Peptides, 2010, 31, 506-519.	1.2	130
40	Tachykinin-related peptides and their receptors in invertebrates: A current view. Peptides, 2010, 31, 520-524.	1.2	87
41	Neuropeptide Receptors as Possible Targets for Development of Insect Pest Control Agents. Advances in Experimental Medicine and Biology, 2010, 692, 211-226.	0.8	38
42	Endocrinology of reproduction and phase transition in locusts. General and Comparative Endocrinology, 2009, 162, 79-92.	0.8	73
43	The phenotypic plasticity of swarm formation in the Desert Locust: Mechanisms and consequences. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, S156.	0.8	0
44	Comparative genomics of leucine-rich repeats containing G protein-coupled receptors and their ligands. General and Comparative Endocrinology, 2008, 155, 14-21.	0.8	68
45	Functional comparison of two evolutionary conserved insect neurokinin-like receptors. Peptides, 2007, 28, 103-108.	1.2	26