

Xavier Belles

List of Publications by Year in descending order

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165
papers

7,045
citations

46984

47
h-index

74108

75
g-index

179
all docs

179
docs citations

179
times ranked

4678
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond <i>Drosophila</i> : RNAi In Vivo and Functional Genomics in Insects. Annual Review of Entomology, 2010, 55, 111-128.	5.7	382
2	THE MEVALONATE PATHWAY AND THE SYNTHESIS OF JUVENILE HORMONE IN INSECTS. Annual Review of Entomology, 2005, 50, 181-199.	5.7	334
3	Hemimetabolous genomes reveal molecular basis of termite eusociality. Nature Ecology and Evolution, 2018, 2, 557-566.	3.4	223
4	Molecular basis of juvenile hormone signaling. Current Opinion in Insect Science, 2015, 11, 39-46.	2.2	193
5	The MEKRE93 (Methoprene tolerant-Krüppel homolog 1-E93) pathway in the regulation of insect metamorphosis, and the homology of the pupal stage. Insect Biochemistry and Molecular Biology, 2014, 52, 60-68.	1.2	178
6	Persistence of double-stranded RNA in insect hemolymph as a potential determiner of RNA interference success: Evidence from <i>Manduca sexta</i> and <i>Blattella germanica</i> . Journal of Insect Physiology, 2013, 59, 171-178.	0.9	168
7	The vitellogenin of the honey bee, <i>Apis mellifera</i> : structural analysis of the cDNA and expression studies. Insect Biochemistry and Molecular Biology, 2003, 33, 459-465.	1.2	167
8	Conserved repressive function of Krüppel homolog 1 on insect metamorphosis in hemimetabolous and holometabolous species. Scientific Reports, 2011, 1, 163.	1.6	157
9	Vitellogenin expression in queen ovaries and in larvae of both sexes of <i>Apis mellifera</i> . Archives of Insect Biochemistry and Physiology, 2005, 59, 211-218.	0.6	125
10	Systemic RNAi of the cockroach vitellogenin receptor results in a phenotype similar to that of the <i>Drosophila</i> <i>yolkless</i> mutant. FEBS Journal, 2006, 273, 325-335.	2.2	121
11	MiR-2 family regulates insect metamorphosis by controlling the juvenile hormone signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3740-3745.	3.3	110
12	MicroRNAs and the Evolution of Insect Metamorphosis. Annual Review of Entomology, 2017, 62, 111-125.	5.7	106
13	Functions of the ecdysone receptor isoform-A in the hemimetabolous insect <i>Blattella germanica</i> revealed by systemic RNAi in vivo. Developmental Biology, 2006, 297, 158-171.	0.9	105
14	Allatostatic neuropeptides from the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). Identification, immunolocalization and activity. Regulatory Peptides, 1994, 53, 237-247.	1.9	104
15	Ecdysone signalling and ovarian development in insects: from stem cells to ovarian follicle formation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 181-186.	0.9	101
16	RNAi studies reveal a conserved role for RXR in molting in the cockroach <i>Blattella germanica</i> . Journal of Insect Physiology, 2006, 52, 410-416.	0.9	98
17	Insect antifeedant activity of clerodane diterpenoids against larvae of <i>Spodoptera littoralis</i> (Boisd.) (Lepidoptera). Journal of Chemical Ecology, 1985, 11, 1439-1445.	0.9	95
18	Screening of antifeedant activity in brain extracts led to the identification of sulfakinin as a satiety promoter in the German cockroach.. FEBS Journal, 2001, 268, 5824-5830.	0.2	95

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19	Deep Sequencing of Organ- and Stage-Specific microRNAs in the Evolutionarily Basal Insect <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). PLoS ONE, 2011, 6, e19350.	1.1	94
20	Target of Rapamycin (TOR) Mediates the Transduction of Nutritional Signals into Juvenile Hormone Production. Journal of Biological Chemistry, 2009, 284, 5506-5513.	1.6	91
21	MicroRNA-dependent metamorphosis in hemimetabolan insects. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21678-21682.	3.3	90
22	Evolution on a shaky piece of Gondwana: is local endemism recent in New Caledonia?. Cladistics, 2005, 21, 2-7.	1.5	86
23	Broad-complex functions in postembryonic development of the cockroach <i>Blattella germanica</i> shed new light on the evolution of insect metamorphosis. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2178-2187.	1.1	81
24	Key roles of the Broad-Complex gene in insect embryogenesis. Insect Biochemistry and Molecular Biology, 2010, 40, 468-475.	1.2	79
25	An experimental test of the role of environmental temperature variability on ectotherm molecular, physiological and life-history traits: Implications for global warming. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 242-246.	0.8	79
26	The molecular evolution of the allatostatin precursor in cockroaches. Peptides, 1999, 20, 11-22.	1.2	78
27	Inhibition of vitellogenin production by allatostatin in the German cockroach. Molecular and Cellular Endocrinology, 1996, 121, 191-196.	1.6	75
28	Differential expression of two RXR/ultraspiracle isoforms during the life cycle of the hemimetabolous insect <i>Blattella germanica</i> (Dictyoptera, Blattellidae). Molecular and Cellular Endocrinology, 2005, 238, 27-37.	1.6	74
29	Quantity does matter. Juvenile hormone and the onset of vitellogenesis in the German cockroach. Insect Biochemistry and Molecular Biology, 2003, 33, 1219-1225.	1.2	70
30	The nuclear hormone receptor BgE75 links molting and developmental progression in the direct-developing insect <i>Blattella germanica</i> . Developmental Biology, 2008, 315, 147-160.	0.9	69
31	Oral delivery of dsRNA lipoplexes to German cockroach protects dsRNA from degradation and induces RNAi response. Pest Management Science, 2017, 73, 960-966.	1.7	69
32	Nuclear receptor BgFTZ β 1 regulates molting and the timing of ecdysteroid production during nymphal development in the hemimetabolous insect <i>Blattella germanica</i> . Developmental Dynamics, 2008, 237, 3179-3191.	0.8	68
33	Subtle roles of microRNAs let-7, miR-100 and miR-125 on wing morphogenesis in hemimetabolan metamorphosis. Journal of Insect Physiology, 2013, 59, 1089-1094.	0.9	67
34	In vitro biosynthesis of JH III by the corpora allata of adult females of <i>Blattella germanica</i> (L.). Insect Biochemistry, 1987, 17, 1007-1010.	1.8	66
35	Insect glycerol transporters evolved by functional co-option and gene replacement. Nature Communications, 2015, 6, 7814.	5.8	66
36	Juvenile Hormone Titer Versus Juvenile Hormone Synthesis in Female Nymphs and Adults of the German Cockroach, <i>Blattella germanica</i> . Journal of Insect Science, 2006, 6, 1-7.	0.6	61

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37	Hemimetabolous insects elucidate the origin of sexual development via alternative splicing. <i>ELife</i> , 2019, 8, .	2.8	61
38	The evolutionary transition from subsocial to eusocial behaviour in Dictyoptera: Phylogenetic evidence for modification of the "shift-in-dependent-care" hypothesis with a new subsocial cockroach. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 616-626.	1.2	59
39	Induction of vitellogenin gene transcription in vitro by juvenile hormone in <i>Blattella germanica</i> . <i>Molecular and Cellular Endocrinology</i> , 2001, 183, 93-100.	1.6	56
40	Allatostatin gene expression in brain and midgut, and activity of synthetic allatostatins on feeding-related processes in the cockroach <i>Blattella germanica</i> . <i>Regulatory Peptides</i> , 2003, 115, 171-177.	1.9	56
41	RNAi of <i>ace1</i> and <i>ace2</i> in <i>Blattella germanica</i> reveals their differential contribution to acetylcholinesterase activity and sensitivity to insecticides. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 913-919.	1.2	56
42	A Role for Taiman in Insect Metamorphosis. <i>PLoS Genetics</i> , 2014, 10, e1004769.	1.5	56
43	Fast induction of vitellogenin gene expression by juvenile hormone III in the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Insect Biochemistry and Molecular Biology</i> , 1999, 29, 821-827.	1.2	55
44	Role of Methoprene-Tolerant (Met) in Adult Morphogenesis and in Adult Ecdysis of <i>Blattella germanica</i> . <i>PLoS ONE</i> , 2014, 9, e103614.	1.1	54
45	Redundant ecdysis regulatory functions of three nuclear receptor HR3 isoforms in the direct-developing insect <i>Blattella germanica</i> . <i>Mechanisms of Development</i> , 2007, 124, 180-189.	1.7	53
46	Different Bla" g T cell antigens dominate responses in asthma versus rhinitis subjects. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1856-1867.	1.4	53
47	Structural and RNAi characterization of the German cockroach lipophorin receptor, and the evolutionary relationships of lipoprotein receptors. <i>BMC Molecular Biology</i> , 2007, 8, 53.	3.0	52
48	MicroRNAs in metamorphic and non-metamorphic transitions in hemimetabolous insect metamorphosis. <i>BMC Genomics</i> , 2012, 13, 386.	1.2	51
49	The hormonal pathway controlling cell death during metamorphosis in a hemimetabolous insect. <i>Developmental Biology</i> , 2010, 346, 150-160.	0.9	50
50	The cockroach <i>Blattella germanica</i> obtains nitrogen from uric acid through a metabolic pathway shared with its bacterial endosymbiont. <i>Biology Letters</i> , 2014, 10, 20140407.	1.0	50
51	Orcokinin in insects and other invertebrates. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 1141-1146.	1.2	48
52	Identifying genes related to choriogenesis in insect panoistic ovaries by Suppression Subtractive Hybridization. <i>BMC Genomics</i> , 2009, 10, 206.	1.2	47
53	Conservation of fruitless™ role as master regulator of male courtship behaviour from cockroaches to flies. <i>Development Genes and Evolution</i> , 2011, 221, 43-48.	0.4	46
54	Localization of allatostatin-immunoreactive material in the central nervous system, stomatogastric nervous system, and gut of the cockroach <i>Blattella germanica</i> . , 1998, 37, 269-282.		43

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55	Patterns of haemolymph vitellogenin and ovarian vitellin in the German cockroach, and the role of Juvenile Hormone. <i>Physiological Entomology</i> , 1995, 20, 59-65.	0.6	41
56	Molecular cloning, developmental pattern and tissue expression of 3-hydroxy-3-methylglutaryl coenzyme A reductase of the cockroach <i>Blattella germanica</i> . <i>FEBS Journal</i> , 1993, 213, 233-241.	0.2	40
57	Quantification of Ecdysteroids by Immunoassay: Comparison of Enzyme Immunoassay and Radioimmunoassay. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1995, 50, 862-867.	0.6	40
58	The microRNA toolkit of insects. <i>Scientific Reports</i> , 2016, 6, 37736.	1.6	40
59	Ovarian ecdysteroid levels and basal oocyte development during maturation in the cockroach <i>Blattella germanica</i> (L.). <i>Journal of Insect Physiology</i> , 1992, 38, 339-348.	0.9	37
60	Modulation of cardiac rhythm by allatostatins in the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i>	0.9	37
61	Identification of leucomyosuppressin in the German cockroach, <i>Blattella germanica</i> , as an inhibitor of food intake. <i>Regulatory Peptides</i> , 2004, 119, 105-112.	1.9	37
62	Feeding and activation of corpora allata in the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i>	0.9	36
63	Tergal and pleural structures contribute to the formation of ectopic prothoracic wings in cockroaches. <i>Royal Society Open Science</i> , 2016, 3, 160347.	1.1	34
64	The innovation of the final moult and the origin of insect metamorphosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180415.	1.8	34
65	Kr4ppel homolog 1 and E93: The doorkeeper and the key to insect metamorphosis. <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21609.	0.6	34
66	DIPA-CRISPR is a simple and accessible method for insect gene editing. <i>Cell Reports Methods</i> , 2022, 2, 100215.	1.4	34
67	3-Hydroxy-3-methylglutaryl-coenzyme-A synthase from <i>Blattella germanica</i> . Cloning, expression, developmental pattern and tissue expression. <i>FEBS Journal</i> , 1993, 217, 691-699.	0.2	32
68	Super-induction of Dicer-2 expression by alien double-stranded RNAs: an evolutionary ancient response to viral infection?. <i>Development Genes and Evolution</i> , 2012, 222, 229-235.	0.4	32
69	Juvenile hormone and hemimetabolism eusociality: a comparison of cockroaches with termites. <i>Current Opinion in Insect Science</i> , 2017, 22, 109-116.	2.2	32
70	Comparative Transcriptomics in Two Extreme Neopterans Reveals General Trends in the Evolution of Modern Insects. <i>IScience</i> , 2018, 4, 164-179.	1.9	32
71	Mitochondrial targeting of farnesyl diphosphate synthase is a widespread phenomenon in eukaryotes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 419-426.	1.9	30
72	Comparative analysis of miRNA expression during the development of insects of different metamorphosis modes and germ-band types. <i>BMC Genomics</i> , 2017, 18, 774.	1.2	30

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73	Induction of choriogenesis by 20-hydroxyecdysone in the german cockroach. <i>Tissue and Cell</i> , 1993, 25, 195-204.	1.0	29
74	Isolation and sequence of a partial vitellogenin cDNA from the cockroach, <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae), and characterization of the vitellogenin gene expression. , 1998, 38, 137-146.		29
75	What does <i>Cryptocercus kyebangensis</i> , n.sp. (Dictyoptera: Blattaria: Polyphagidae) from Korea reveal about <i>Cryptocercus</i> evolution? A study in morphology, molecular phylogeny, and chemistry of tergal glands. <i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> , 2001, 151, 61-79.	1.3	29
76	Molecular characterization of an inhibitor of apoptosis in the Egyptian armyworm, <i>Spodoptera littoralis</i> , and midgut cell death during metamorphosis. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1241-1248.	1.2	28
77	Identification and functional characterization of an ovarian aquaporin from the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Journal of Experimental Biology</i> , 2011, 214, 3630-3638.	0.8	28
78	Juvenile Hormone inhibition in corpora allata from ovariectomized <i>Blattella germanica</i> . <i>Physiological Entomology</i> , 1994, 19, 342-348.	0.6	27
79	CREB-binding protein contributes to the regulation of endocrine and developmental pathways in insect hemimetabolite pre-metamorphosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 508-515.	1.1	27
80	Silencing allatostatin expression using double-stranded RNA targeted to preproallatostatin mRNA in the German cockroach. <i>Archives of Insect Biochemistry and Physiology</i> , 2006, 62, 73-79.	0.6	26
81	Juvenile hormone and allatostatins in the German cockroach embryo. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 660-665.	1.2	26
82	Phylogenetic relationships of <i>Dalyat mirabilis</i> Mateu, 2002, with a revised molecular phylogeny of ground beetles (Coleoptera, Carabidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2005, 43, 284-296.	0.6	25
83	Orcokinin contribute to the regulation of vitellogenin transcription in the cockroach <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , 2015, 82, 129-133.	0.9	25
84	Juvenile hormone production and accessory reproductive gland development during sexual maturation of male <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1992, 102, 477-480.	0.7	24
85	Nuclear receptor HR4 plays an essential role in the ecdysteroid-triggered gene cascade in the development of the hemimetabolous insect <i>Blattella germanica</i> . <i>Molecular and Cellular Endocrinology</i> , 2012, 348, 322-330.	1.6	24
86	Juvenile hormone biosynthesis in adult <i>Blattella germanica</i> requires nuclear receptors Seven-up and FTZ-F1. <i>Scientific Reports</i> , 2017, 7, 40234.	1.6	24
87	Juvenile hormone signaling in short germ-band hemimetabolite embryos. <i>Development (Cambridge)</i> , 2017, 144, 4637-4644.	1.2	24
88	Myoglianin triggers the premetamorphosis stage in hemimetabolite insects. <i>FASEB Journal</i> , 2019, 33, 3659-3669.	0.2	23
89	Antifeedant activity of dihydro- β -agarofuran sesquiterpenes from Celastraceae against <i>Spodoptera littoralis</i> . <i>Biochemical Systematics and Ecology</i> , 1992, 20, 311-315.	0.6	22
90	Coordinated expression and activity of 3-hydroxy-3-methylglutaryl coenzyme a synthase and reductase in the fat body of <i>Blattella germanica</i> (L.) during vitellogenesis. <i>Insect Biochemistry and Molecular Biology</i> , 1996, 26, 837-843.	1.2	22

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91	Insect MicroRNAs. , 2012, , 30-56.		22
92	Initial field trials with the synthetic sex pheromone of the processionary moth <i>Thaumetopoea pityocampa</i> (Denis and Schiff.). <i>Journal of Chemical Ecology</i> , 1983, 9, 85-93.	0.9	21
93	Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach <i>Blattella germanica</i> . <i>Frontiers in Endocrinology</i> , 2011, 2, 114.	1.5	21
94	Ultrastructural changes induced by precocene II and 3,4-dihydroprecocene II in the corpora allata of <i>Blattella germanica</i> . <i>Cell and Tissue Research</i> , 1989, 258, 91.	1.5	20
95	Ketomethylene and Methyleneamino Pseudopeptide Analogues of Insect Allatostatins Inhibit Juvenile Hormone and Vitellogenin Production in the Cockroach <i>Blattella germanica</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1997, 27, 851-858.	1.2	20
96	Vitellogenin of <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae): Nucleotide sequence of the cDNA and analysis of the protein primary structure. <i>Archives of Insect Biochemistry and Physiology</i> , 2000, 45, 1-11.	0.6	19
97	Molecular cloning and structural analysis of 3-hydroxy-3-methylglutaryl coenzyme A reductase of the moth <i>Agrotis ipsilon</i> . <i>Insect Molecular Biology</i> , 2000, 9, 385-392.	1.0	19
98	Effects of myoinhibitory peptides on food intake in the German cockroach. <i>Physiological Entomology</i> , 2006, 31, 257-261.	0.6	19
99	Antifeeding properties of myosuppressin in a generalist phytophagous leafworm, <i>Spodoptera littoralis</i> (Boisduval). <i>Regulatory Peptides</i> , 2008, 148, 68-75.	1.9	19
100	Brownie, a Gene Involved in Building Complex Respiratory Devices in Insect Eggshells. <i>PLoS ONE</i> , 2009, 4, e8353.	1.1	19
101	Ecdysteroid depletion by azadirachtin in <i>Tenebrio molitor</i> pupae. <i>Pesticide Biochemistry and Physiology</i> , 1990, 38, 60-65.	1.6	18
102	Inhibitors of 3-hydroxy-3-methylglutaryl-CoA reductase lower fecundity in the German cockroach: correlation between the effects on fecundity in vivo with the inhibition of enzymatic activity in embryo cells. <i>Pest Management Science</i> , 2003, 59, 1111-1117.	1.7	18
103	Biogeographic origin and thermal acclimation interact to determine survival and hsp90 expression in <i>Drosophila</i> species submitted to thermal stress. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 162, 391-396.	0.8	18
104	Conserved association of Argonaute 1 and 2 proteins with miRNA and siRNA pathways throughout insect evolution, from cockroaches to flies. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 554-560.	0.9	18
105	Remodeling of the juvenile hormone pathway through caste-biased gene expression and positive selection along a gradient of termite eusociality. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 296-304.	0.6	17
106	Production and extraovarian processing of vitellogenin in ovariectomized <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Journal of Insect Physiology</i> , 1996, 42, 101-105.	0.9	16
107	Effects of hypocholesterolaemic agents on the expression and activity of 3-hydroxy-3-methylglutaryl-CoA reductase in the fat body of the German cockroach. <i>Archives of Insect Biochemistry and Physiology</i> , 2002, 49, 177-186.	0.6	16
108	The cDNA for leucomyosuppressin in <i>Blattella germanica</i> and molecular evolution of insect myosuppressins. <i>Peptides</i> , 2004, 25, 1883-1889.	1.2	16

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109	Endocrine peptides and insect reproduction. <i>Invertebrate Reproduction and Development</i> , 2005, 47, 23-37.	0.3	16
110	DNMT1 Promotes Genome Methylation and Early Embryo Development in Cockroaches. <i>IScience</i> , 2020, 23, 101778.	1.9	16
111	Production of vitellogenin <i>in vitro</i> by the periovaric fat body of <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Invertebrate Reproduction and Development</i> , 1995, 28, 171-176.	0.3	15
112	Regulation of atrophin by both strands of the mir-8 precursor. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 1009-1014.	1.2	15
113	Smads and insect hemimetabolism metamorphosis. <i>Developmental Biology</i> , 2016, 417, 104-113.	0.9	15
114	Expansions of key protein families in the German cockroach highlight the molecular basis of its remarkable success as a global indoor pest. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 254-264.	0.6	15
115	Identification and geographical distribution of <i>Gibbium aequinoctiale</i> Boieldieu and <i>Gibbium psylloides</i> (Czenpinski) (Coleoptera: Ptinidae). <i>Journal of Stored Products Research</i> , 1985, 21, 151-155.	1.2	14
116	Determination of allatostatin levels in relation to the gonadotropic cycle in the female of <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Physiological Entomology</i> , 1999, 24, 213-219.	0.6	14
117	Identification of a tachykinin-related peptide with orexigenic properties in the German cockroach. <i>Peptides</i> , 2008, 29, 386-392.	1.2	14
118	Expression and activity of 3-hydroxy-3-methylglutaryl-CoA synthase and reductase in the fat body of ovariectomized and allatectomized <i>Blattella germanica</i> . <i>Physiological Entomology</i> , 1997, 22, 6-12.	0.6	12
119	Molecular adaptation and resilience of the insect's nuclear receptor USP. <i>BMC Evolutionary Biology</i> , 2012, 12, 199.	3.2	12
120	Gastrin-cholecystokinin-like and neuroparsin-like immunoreactivities in the brain and retrocerebral neuroendocrine complex of the cockroach <i>Blattella germanica</i> . <i>Histochemistry</i> , 1990, 93, 433-438.	1.9	11
121	Chorion formation in panoistic ovaries requires winding and trimethylation of histone 3 lysine 9. <i>Experimental Cell Research</i> , 2014, 320, 46-53.	1.2	11
122	Practical Use of RNA Interference: Oral Delivery of Double-stranded RNA in Liposome Carriers for Cockroaches. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	11
123	<i>In vitro</i> inhibition of juvenile hormone III biosynthesis by precocene II and 3,4-dihydroprecocene II on <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , 1988, 34, 457-461.	0.9	10
124	<i>In vivo</i> and <i>in vitro</i> effects of compactin in liposome carriers on juvenile hormone biosynthesis in adult females of <i>Blattella germanica</i> . <i>Pesticide Biochemistry and Physiology</i> , 1988, 32, 1-10.	1.6	10
125	Azadirachtin induced imaginal moult deficiencies in <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae). <i>Journal of Stored Products Research</i> , 1990, 26, 53-57.	1.2	10
126	Allatostatin Inhibits Vitellogenin Release in a Cockroach. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 341-342.	1.8	10

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127	E93-depleted adult insects preserve the prothoracic gland and molt again. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	10
128	A microdialysis study of allatostatin degradation in <i>Blattella germanica</i> (L.) (Dictyoptera, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (0.6	9
129	Leucomyosuppressin modulates cardiac rhythm in the cockroach <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 1677-1681.	0.9	9
130	Towards understanding the molecular basis of cockroach tergal gland morphogenesis. A transcriptomic approach. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 63, 104-112.	1.2	8
131	Diversity of piRNA expression patterns during the ontogeny of the German cockroach. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 288-295.	0.6	8
132	Tergal and pleural wing-related tissues in the German cockroach and their implication to the evolutionary origin of insect wings. <i>Evolution & Development</i> , 2021, 23, 100-116.	1.1	8
133	Regulation of metamorphosis in neopteran insects is conserved in the paleopteran <i>Cloeon dipterum</i> (Ephemeroptera). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	8
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