Xavier Belles

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3145352/publications.pdf

Version: 2024-02-01

166	7,045	47006	74163
papers	citations	47	75
		h-index	g-index

179	179	179	4678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DIPA-CRISPR is a simple and accessible method for insect gene editing. Cell Reports Methods, 2022, 2, 100215.	2.9	34
2	Broad complex and wing development in cockroaches. Insect Biochemistry and Molecular Biology, 2022, 147, 103798.	2.7	5
3	The sex of scents. Nature Ecology and Evolution, 2022, 6, 1058-1059.	7.8	1
4	Tergal and pleural wingâ€related tissues in the German cockroach and their implication to the evolutionary origin of insect wings. Evolution & Development, 2021, 23, 100-116.	2.0	8
5	A synopsis of the spider beetles (Coleoptera: Ptinidae) of Socotra, with the description of a new genus and two new species. Zoology in the Middle East, 2021, 67, 133-143.	0.6	1
6	Regulation of metamorphosis in neopteran insects is conserved in the paleopteran Cloeon dipterum (Ephemeroptera). Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
7	KrÃ¼ppel homolog 1 and E93: The doorkeeper and the key to insect metamorphosis. Archives of Insect Biochemistry and Physiology, 2020, 103, e21609.	1.5	34
8	E93-depleted adult insects preserve the prothoracic gland and molt again. Development (Cambridge), 2020, 147, .	2.5	10
9	DNMT1 Promotes Genome Methylation and Early Embryo Development in Cockroaches. IScience, 2020, 23, 101778.	4.1	16
10	The evolution of metamorphosis. , 2020, , 251-272.		1
11	Hormones involved in the regulation of metamorphosis. , 2020, , 105-130.		0
12	Regulation of ametabolan, hemimetabolan, and holometabolan development. , 2020, , 217-240.		0
13	The origin of hemimetaboly. , 2020, , 241-250.		0
14	Epigenetic-related mechanisms. , 2020, , 177-197.		0
15	Molting: the basis for growing and for changing the form. , 2020, , 199-215.		3
16	Molecular mechanisms regulating hormone production and action. , 2020, , 131-176.		0
17	The hemimetabolan development. , 2020, , 47-69.		0
18	The innovation of the final moult and the origin of insect metamorphosis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180415.	4.0	34

#	Article	IF	Citations
19	Zelda and the maternalâ€toâ€zygotic transition in cockroaches. FEBS Journal, 2019, 286, 3206-3221.	4.7	7
20	Myoglianin triggers the premetamorphosis stage in hemimetabolan insects. FASEB Journal, 2019, 33, 3659-3669.	0.5	23
21	Hemimetabolous insects elucidate the origin of sexual development via alternative splicing. ELife, 2019, 8, .	6.0	61
22	<i>Dignoptinus</i>, a new genus for fossil <i>Dignomus regiomontanus</i> Alekseev from Eocene Baltic amber, and new status for <i>Bruchoptinus</i> Reitter and <i>Pseudoptinus</i> Reitter (Coleoptera: Ptinidae). Fossil Record, 2019, 22, 65-72.	1.4	1
23	Conserved association of Argonaute 1 and 2 proteins with miRNA and siRNA pathways throughout insect evolution, from cockroaches to flies. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 554-560.	1.9	18
24	Hemimetabolous genomes reveal molecular basis of termite eusociality. Nature Ecology and Evolution, 2018, 2, 557-566.	7.8	223
25	A new species of Dignomus Wollaston (Coleoptera: Ptinidae) from Eocene Baltic amber. Zootaxa, 2018, 4486, 195-200.	0.5	3
26	Remodeling of the juvenile hormone pathway through casteâ€biased gene expression and positive selection along a gradient of termite eusociality. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 296-304.	1.3	17
27	Diversity of piRNA expression patterns during the ontogeny of the German cockroach. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 288-295.	1.3	8
28	Comparative Transcriptomics in Two Extreme Neopterans Reveals General Trends in the Evolution of Modern Insects. IScience, 2018, 4, 164-179.	4.1	32
29	Expansions of key protein families in the German cockroach highlight the molecular basis of its remarkable success as a global indoor pest. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 254-264.	1.3	15
30	Practical Use of RNA Interference: Oral Delivery of Double-stranded RNA in Liposome Carriers for Cockroaches. Journal of Visualized Experiments, 2018, , .	0.3	11
31	Juvenile hormone biosynthesis in adult Blattella germanica requires nuclear receptors Seven-up and FTZ-F1. Scientific Reports, 2017, 7, 40234.	3.3	24
32	Juvenile hormone and hemimetabolan eusociality: a comparison of cockroaches with termites. Current Opinion in Insect Science, 2017, 22, 109-116.	4.4	32
33	Juvenile hormone signaling in short germ-band hemimetabolan embryos. Development (Cambridge), 2017, 144, 4637-4644.	2.5	24
34	MicroRNAs and the Evolution of Insect Metamorphosis. Annual Review of Entomology, 2017, 62, 111-125.	11.8	106
35	Oral delivery of <scp>dsRNA</scp> lipoplexes to German cockroach protects <scp>dsRNA</scp> from degradation and induces <scp>RNAi</scp> response. Pest Management Science, 2017, 73, 960-966.	3.4	69
36	Comparative analysis of miRNA expression during the development of insects of different metamorphosis modes and germ-band types. BMC Genomics, 2017, 18, 774.	2.8	30

#	Article	IF	Citations
37	Recognition of Bla g T Cell Antigens Varies As a Function of Allergic Asthma Versus Rhinitis. Journal of Allergy and Clinical Immunology, 2016, 137, AB271.	2.9	0
38	Smads and insect hemimetabolan metamorphosis. Developmental Biology, 2016, 417, 104-113.	2.0	15
39	The microRNA toolkit of insects. Scientific Reports, 2016, 6, 37736.	3.3	40
40	Tergal and pleural structures contribute to the formation of ectopic prothoracic wings in cockroaches. Royal Society Open Science, 2016, 3, 160347.	2.4	34
41	CREB-binding protein contributes to the regulation of endocrine and developmental pathways in insect hemimetabolan pre-metamorphosis. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 508-515.	2.4	27
42	Different Blaâ€g T cell antigens dominate responses in asthma versus rhinitis subjects. Clinical and Experimental Allergy, 2015, 45, 1856-1867.	2.9	53
43	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.	7.1	110
44	Towards understanding the molecular basis of cockroach tergal gland morphogenesis. A transcriptomic approach. Insect Biochemistry and Molecular Biology, 2015, 63, 104-112.	2.7	8
45	Molecular basis of juvenile hormone signaling. Current Opinion in Insect Science, 2015, 11, 39-46.	4.4	193
46	Orcokinins contribute to the regulation of vitellogenin transcription in the cockroach Blattella germanica. Journal of Insect Physiology, 2015, 82, 129-133.	2.0	25
47	Insect glycerol transporters evolved by functional co-option and gene replacement. Nature Communications, 2015, 6, 7814.	12.8	66
48	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.	1.9	101
49	Role of Methoprene-Tolerant (Met) in Adult Morphogenesis and in Adult Ecdysis of Blattella germanica. PLoS ONE, 2014, 9, e103614.	2.5	54
50	A Role for Taiman in Insect Metamorphosis. PLoS Genetics, 2014, 10, e1004769.	3.5	56
51	Chorion formation in panoistic ovaries requires windei and trimethylation of histone 3 lysine 9. Experimental Cell Research, 2014, 320, 46-53.	2.6	11
52	The cockroachBlattella germanicaobtains nitrogen from uric acid through a metabolic pathway shared with its bacterial endosymbiont. Biology Letters, 2014, 10, 20140407.	2.3	50
53	The MEKRE93 (Methoprene tolerant-KrÃ¼ppel 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.	2.7	178
54	Regulation of atrophin by both strands of the mir-8 precursor. Insect Biochemistry and Molecular Biology, 2013, 43, 1009-1014.	2.7	15

#	Article	IF	Citations
55	Persistence of double-stranded RNA in insect hemolymph as a potential determiner of RNA interference success: Evidence from Manduca sexta and Blattella germanica. Journal of Insect Physiology, 2013, 59, 171-178.	2.0	168
56	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.	2.0	67
57	Broad-complex functions in postembryonic development of the cockroach Blattella germanica shed new light on the evolution of insect metamorphosis. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2178-2187.	2.4	81
58	Molecular adaptation and resilience of the insectâ€™s nuclear receptor USP. BMC Evolutionary Biology, 2012, 12, 199.	3.2	12
59	MicroRNAs in metamorphic and non-metamorphic transitions in hemimetabolan insect metamorphosis. BMC Genomics, 2012, 13, 386.	2.8	51
60	Insect MicroRNAs. , 2012, , 30-56.		22
61	Super-induction of Dicer-2 expression by alien double-stranded RNAs: an evolutionary ancient response to viral infection?. Development Genes and Evolution, 2012, 222, 229-235.	0.9	32
62	Biogeographic origin and thermal acclimation interact to determine survival and hsp90 expression in Drosophila species submitted to thermal stress. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 162, 391-396.	1.8	18
63	Nuclear receptor HR4 plays an essential role in the ecdysteroid-triggered gene cascade in the development of the hemimetabolous insect Blattella germanica. Molecular and Cellular Endocrinology, 2012, 348, 322-330.	3.2	24
64	When inordinate tissue growth is beneficial: Improving silk production by increasing silk gland size. Cell Research, 2011, 21, 862-863.	12.0	3
65	Conserved repressive function of KrÃ¼ppel homolog 1 on insect metamorphosis in hemimetabolous and holometabolous species. Scientific Reports, 2011, 1, 163.	3.3	157
66	Leucomyosuppressin modulates cardiac rhythm in the cockroach Blattella germanica. Journal of Insect Physiology, 2011, 57, 1677-1681.	2.0	9
67	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.	1.8	79
68	Conservation of fruitlessâ€™ role as master regulator of male courtship behaviour from cockroaches to flies. Development Genes and Evolution, 2011, 221, 43-48.	0.9	46
69	Identification and functional characterization of an ovarian aquaporin from the cockroach Blattella germanica L. (Dictyoptera, Blattellidae). Journal of Experimental Biology, 2011, 214, 3895-3895.	1.7	3
70	Identification and functional characterization of an ovarian aquaporin from the cockroachBlattella germanicaL. (Dictyoptera, Blattellidae). Journal of Experimental Biology, 2011, 214, 3630-3638.	1.7	28
71	Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach Blattella germanica. Frontiers in Endocrinology, 2011, 2, 114.	3.5	21
72	Deep Sequencing of Organ- and Stage-Specific microRNAs in the Evolutionarily Basal Insect Blattella germanica (L.) (Dictyoptera, Blattellidae). PLoS ONE, 2011, 6, e19350.	2.5	94

#	Article	IF	Citations
73	Beyond Drosophila: RNAi In Vivo and Functional Genomics in Insects. Annual Review of Entomology, 2010, 55, 111-128.	11.8	382
74	Key roles of the Broad-Complex gene in insect embryogenesis. Insect Biochemistry and Molecular Biology, 2010, 40, 468-475.	2.7	79
75	Juvenile hormone and allatostatins in the German cockroach embryo. Insect Biochemistry and Molecular Biology, 2010, 40, 660-665.	2.7	26
76	The hormonal pathway controlling cell death during metamorphosis in a hemimetabolous insect. Developmental Biology, 2010, 346, 150-160.	2.0	50
77	Brownie, a Gene Involved in Building Complex Respiratory Devices in Insect Eggshells. PLoS ONE, 2009, 4, e8353.	2.5	19
78	MicroRNA-dependent metamorphosis in hemimetabolan insects. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21678-21682.	7.1	90
79	Target of Rapamycin (TOR) Mediates the Transduction of Nutritional Signals into Juvenile Hormone Production. Journal of Biological Chemistry, 2009, 284, 5506-5513.	3.4	91
80	Identifying genes related to choriogenesis in insect panoistic ovaries by Suppression Subtractive Hybridization. BMC Genomics, 2009, 10, 206.	2.8	47
81	RNAi of ace1 and ace2 in Blattella germanica reveals their differential contribution to acetylcholinesterase activity and sensitivity to insecticides. Insect Biochemistry and Molecular Biology, 2009, 39, 913-919.	2.7	56
82	Nuclear receptor BgFTZâ€F1 regulates molting and the timing of ecdysteroid production during nymphal development in the hemimetabolous insect Blattella germanica. Developmental Dynamics, 2008, 237, 3179-3191.	1.8	68
83	Antifeeding properties of myosuppressin in a generalist phytophagous leafworm, Spodoptera littoralis (Boisduval). Regulatory Peptides, 2008, 148, 68-75.	1.9	19
84	Identification of a tachykinin-related peptide with orexigenic properties in the German cockroach. Peptides, 2008, 29, 386-392.	2.4	14
85	The nuclear hormone receptor BgE75 links molting and developmental progression in the direct-developing insect Blattella germanica. Developmental Biology, 2008, 315, 147-160.	2.0	69
86	Molecular characterization of an inhibitor of apoptosis in the Egyptian armyworm, Spodoptera littoralis, and midgut cell death during metamorphosis. Insect Biochemistry and Molecular Biology, 2007, 37, 1241-1248.	2.7	28
87	16thInternational Ecdysone Workshop: July 10â€“14, 2006, Ghent University, Belgium. Journal of Insect Science, 2007, 7, 1-57.	1.5	3
88	Redundant ecdysis regulatory functions of three nuclear receptor HR3 isoforms in the direct-developing insect Blattella germanica. Mechanisms of Development, 2007, 124, 180-189.	1.7	53
89	The evolutionary transition from subsocial to eusocial behaviour in Dictyoptera: Phylogenetic evidence for modification of the â€œshift-in-dependent-careâ€•hypothesis with a new subsocial cockroach. Molecular Phylogenetics and Evolution, 2007, 43, 616-626.	2.7	59
90	Structural and RNAi characterization of the German cockroach lipophorin receptor, and the evolutionary relationships of lipoprotein receptors. BMC Molecular Biology, 2007, 8, 53.	3.0	52

#	Article	IF	Citations
91	Mitochondrial targeting of farnesyl diphosphate synthase is a widespread phenomenon in eukaryotes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 419-426.	4.1	30
92	Effects of myoinhibitory peptides on food intake in the German cockroach. Physiological Entomology, 2006, 31, 257-261.	1.5	19
93	Juvenile Hormone Titer Versus Juvenile Hormone Synthesis in Female Nymphs and Adults of the German Cockroach,Blattella germanica. Journal of Insect Science, 2006, 6, 1-7.	1.5	61
94	Functions of the ecdysone receptor isoform-A in the hemimetabolous insect Blattella germanica revealed by systemic RNAi in vivo. Developmental Biology, 2006, 297, 158-171.	2.0	105
95	Systemic RNAi of the cockroach vitellogenin receptor results in a phenotype similar to that of the Drosophila yolkless mutant. FEBS Journal, 2006, 273, 325-335.	4.7	121
96	RNAi studies reveal a conserved role for RXR in molting in the cockroach Blattella germanica. Journal of Insect Physiology, 2006, 52, 410-416.	2.0	98
97	Silencing allatostatin expression using double-stranded RNA targeted to preproallatostatin mRNA in the German cockroach. Archives of Insect Biochemistry and Physiology, 2006, 62, 73-79.	1.5	26
98	THE MEVALONATE PATHWAY AND THE SYNTHESIS OF JUVENILE HORMONE IN INSECTS. Annual Review of Entomology, 2005, 50, 181-199.	11.8	334
99	Phylogenetic relationships of Dalyat mirabilis Mateu, 2002, with a revised molecular phylogeny of ground beetles (Coleoptera, Carabidae). Journal of Zoological Systematics and Evolutionary Research, 2005, 43, 284-296.	1.4	25
100	Vitellogenin expression in queen ovaries and in larvae of both sexes ofApis mellifera. Archives of Insect Biochemistry and Physiology, 2005, 59, 211-218.	1.5	125
101	Endocrine peptides and insect reproduction. Invertebrate Reproduction and Development, 2005, 47, 23-37.	0.8	16
102	Evolution on a shaky piece of Gondwana: is local endemism recent in New Caledonia?. Cladistics, 2005, 21, 2-7.	3.3	86
103	Differential expression of two RXR/ultraspiracle isoforms during the life cycle of the hemimetabolous insect Blattella germanica (Dictyoptera, Blattellidae). Molecular and Cellular Endocrinology, 2005, 238, 27-37.	3.2	74
104	The cDNA for leucomyosuppressin in Blattella germanica and molecular evolution of insect myosuppressins. Peptides, 2004, 25, 1883-1889.	2.4	16
105	Identification of leucomyosuppressin in the German cockroach, Blattella germanica, as an inhibitor of food intake. Regulatory Peptides, 2004, 119, 105-112.	1.9	37
106	Orcokinins in insects and other invertebrates. Insect Biochemistry and Molecular Biology, 2004, 34, 1141-1146.	2.7	48
107	Inhibitors of 3-hydroxy-3-methylglutaryl-CoA reductase lower fecundity in the German cockroach: correlation between the effects on fecundityin vivowith the inhibition of enzymatic activity in embryo cells. Pest Management Science, 2003, 59, 1111-1117.	3.4	18
108	Quantity does matter. Juvenile hormone and the onset of vitellogenesis in the German cockroach. Insect Biochemistry and Molecular Biology, 2003, 33, 1219-1225.	2.7	70

#	Article	IF	Citations
109	Allatostatin gene expression in brain and midgut, and activity of synthetic allatostatins on feeding-related processes in the cockroach Blattella germanica. Regulatory Peptides, 2003, 115, 171-177.	1.9	56
110	The vitellogenin of the honey bee, Apis mellifera: structural analysis of the cDNA and expression studies. Insect Biochemistry and Molecular Biology, 2003, 33, 459-465.	2.7	167
111	Ovarian 3-hydroxy-3-methylglutaryl-CoA reductase in Blattella germanica (L.): pattern of expression and critical role in embryogenesis. Journal of Insect Physiology, 2002, 48, 675-681.	2.0	6
112	Effects of hypocholesterolaemic agents on the expression and activity of 3-hydroxy-3-methylglutaryl-CoA reductase in the fat body of the German cockroach. Archives of Insect Biochemistry and Physiology, 2002, 49, 177-186.	1.5	16
113	Induction of vitellogenin gene transcription in vitro by juvenile hormone in Blattella germanica. Molecular and Cellular Endocrinology, 2001, 183, 93-100.	3.2	56
114	3-Hydroxy-3-methylglutaryl coenzyme A synthase-1 of Blattella germanica has structural and functional features of an active retrogene. Insect Biochemistry and Molecular Biology, 2001, 31, 425-433.	2.7	7
115	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
116	What does Cryptocercus kyebangensis, n.sp. (Dictyoptera: Blattaria: Polyphagidae) from Korea reveal about Cryptocercus evolution? A study in morphology, molecular phylogeny, and chemistry of tergal glands. Proceedings of the Academy of Natural Sciences of Philadelphia, 2001, 151, 61-79.	0.5	29
117	Vitellogenin ofBlattella germanica (l.) (Dictyoptera, Blattellidae): Nucleotide sequence of the cDNA and analysis of the protein primary structure. Archives of Insect Biochemistry and Physiology, 2000, 45, 1-11.	1.5	19
118	Molecular cloning and structural analysis of 3-hydroxy-3-methylglutaryl coenzyme A reductase of the moth Agrotis ipsilon. Insect Molecular Biology, 2000, 9, 385-392.	2.0	19
119	A microdialysis study of allatostatin degradation in Blattella germanica (L.) (Dictyoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	9
120	On the role of Juvenile Hormone in vitellogenesis in cockroaches. A reply to Holbrook et al. Physiological Entomology (2000) 25, 27-34. Juvenile Hormone is essential to induce vitellogenesis in the German cockroach, also in Barcelona.. Physiological Entomology, 2000, 25, 207-208.	1.5	3
121	Vitellogenin of Blattella germanica (l.) (Dictyoptera, Blattellidae): Nucleotide sequence of the cDNA and analysis of the protein primary structure. Archives of Insect Biochemistry and Physiology, 2000, 45, 1-11.	1.5	0
122	Determination of allatostatin levels in relation to the gonadotropic cycle in the female of Blattella germanica (L.) (Dictyoptera, Blattellidae). Physiological Entomology, 1999, 24, 213-219.	1.5	14
123	Modulation of cardiac rhythm by allatostatins in the cockroach Blattella germanica (L.) (Dictyoptera,) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	37
124	Fast induction of vitellogenin gene expression by juvenile hormone III in the cockroach Blattella germanica (L.) (Dictyoptera, Blattellidae). Insect Biochemistry and Molecular Biology, 1999, 29, 821-827.	2.7	55
125	The molecular evolution of the allatostatin precursor in cockroaches. Peptides, 1999, 20, 11-22.	2.4	78
126	Allatostatin Inhibits Vitellogenin Release in a Cockroacha. Annals of the New York Academy of Sciences, 1998, 839, 341-342.	3.8	10

#	Article	IF	Citations
127	Localization of allatostatin-immunoreactive material in the central nervous system, stomatogastric nervous system, and gut of the cockroachBlattella germanica. , 1998, 37, 269-282.		43
128	Isolation and sequence of a partial vitellogenin cDNA from the cockroach,Blattella germanica (L.) (Dictyoptera, Blattellidae), and characterization of the vitellogenin gene expression. , 1998, 38, 137-146.		29
129	Expression and activity of 3-hydroxy-3-methylglutaryl-CoA synthase and reductase in the fat body of ovariectomized and allatectomized Blattella germanica. Physiological Entomology, 1997, 22, 6-12.	1.5	12
130	Ketomethylene and Methyleneamino Pseudopeptide Analogues of Insect Allatostatins Inhibit Juvenile Hormone and Vitellogenin Production in the Cockroach Blattella germanica. Insect Biochemistry and Molecular Biology, 1997, 27, 851-858.	2.7	20
131	Feeding and activation of corpora allata in the cockroach Blattella germanica (L.) (Dictyoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	36
132	Ecdysone workshop at age twenty. Archives of Insect Biochemistry and Physiology, 1997, 35, 1-2.	1.5	0
133	Inhibition of vitellogenin production by allatostatin in the German cockroach. Molecular and Cellular Endocrinology, 1996, 121, 191-196.	3.2	75
134	Coordinated expression and activity of 3-hydroxy-3-methylglutaryl coenzyme a synthase and reductase in the fat body of Blattella germanica (L.) during vitellogenesis. Insect Biochemistry and Molecular Biology, 1996, 26, 837-843.	2.7	22
135	Production and extraovarian processing of vitellogenin in ovariectomized Blattella germanica (L.) (Dictyoptera, Blattellidae). Journal of Insect Physiology, 1996, 42, 101-105.	2.0	16
136	Inhibition of juvenile hormone during the formation of the spermatophore inBlattella germanica (L.) (dictyoptera, blattellidae). , 1996, 32, 559-566.		5
137	The conglobate gland ofBlattella germanica(L.) (Dictyoptera, Blattellidae). Maturation, juvenile hormone dependency and changes during spermatophore formation. Invertebrate Reproduction and Development, 1996, 29, 167-172.	0.8	5
138	Patterns of haemolymph vitellogenin and ovarian vitellin in the German cockroach, and the role of Juvenile Hormone. Physiological Entomology, 1995, 20, 59-65.	1.5	41
139	Quantification of Ecdysteroids by Immunoassay: Comparison of Enzyme Immunoassay and Radioimmunoassay. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1995, 50, 862-867.	1.4	40
140	Production of vitellogeninin vitroby the periovaric fat body ofBlattella germanica(L.) (Dictyoptera, Blattellidae). Invertebrate Reproduction and Development, 1995, 28, 171-176.	0.8	15
141	Interactions Between Corpora Allata, Fat Body and Ovary in Insect Reproduction: Which Controls Which?. Animal Biology, 1994, 45, 152-156.	0.4	5
142	Allatostatic neuropeptides from the cockroach Blattella germanica (L.) (Dictyoptera, Blattellidae). Identification, immunolocalization and activity. Regulatory Peptides, 1994, 53, 237-247.	1.9	104
143	Juvenile Hormone inhibition in corpora allata from ovariectomized Blattella germanica. Physiological Entomology, 1994, 19, 342-348.	1.5	27
144	Molecular cloning, developmental pattern and tissue expression of 3-hydroxy-3-methylglutaryl coenzyme A reductase of the cockroach Blattella germanica. FEBS Journal, 1993, 213, 233-241.	0.2	40

#	Article	IF	Citations
145	3-Hydroxy-3-methylglutaryl-coenzyme-A synthase from Blattella germanica. Cloning, expression, developmental pattern and tissue expression. FEBS Journal, 1993, 217, 691-699.	0.2	32
146	Age-dependent neurosecretion release induced by dopamine in the corpora cardiaca of Blattella germanica (L.) (Dictyoptera : Blattellidae). Arthropod Structure and Development, 1993, 22, 1-11.	0.4	1
147	Autoinhibition of juvenile hormone production. The case of the cockroachBlattella germanica (L.). Experientia, 1993, 49, 320-323.	1.2	1
148	Induction of choriogenesis by 20-hydroxyecdysone in the german cockroach. Tissue and Cell, 1993, 25, 195-204.	2.2	29
149	Juvenile hormone production and accessory reproductive gland development during sexual maturation of male Blattella germanica (L.) (Dictyoptera, Blattellidae). Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 102, 477-480.	0.6	24
150	Ovarian ecdysteroid levels and basal oÃ¶cyte development during maturation in the cockroach Blattella germanica (L.). Journal of Insect Physiology, 1992, 38, 339-348.	2.0	37
151	Antifeedant activity of dihydro-Î²-agarofuran sesquiterpenes from Celastraceae against Spodoptera littoralis. Biochemical Systematics and Ecology, 1992, 20, 311-315.	1.3	22
152	Gastrin-cholecystokinin-like and neuroparsin-like immunoreactivities in the brain and retrocerebral neuroendocrine complex of the cockroach Blattella germanica. Histochemistry, 1990, 93, 433-438.	1.9	11
153	Ecdysteroid depletion by azadirachtin in Tenebrio molitor pupae. Pesticide Biochemistry and Physiology, 1990, 38, 60-65.	3.6	18
154	Azadirachtin induced imaginal moult deficiencies in Tenebrio molitor L. (Coleoptera: Tenebrionidae). Journal of Stored Products Research, 1990, 26, 53-57.	2.6	10
155	Ultrastructural changes induced by precocene II and 3,4-dihydroprecocene II in the corpora allata of Blattella germanica. Cell and Tissue Research, 1989, 258, 91.	2.9	20
156	Stimulating action of methyl 12, 12, 12-trifluorofarnesoate on in vitro juvenile hormone III biosynthesis in blattella germanica. Archives of Insect Biochemistry and Physiology, 1989, 11, 257-270.	1.5	6
157	Stimulatory activity of cysteamine on juvenile hormone release in adult females of the cockroach, Blattella germanica. Comparative Biochemistry and Physiology A, Comparative Physiology, 1989, 94, 795-798.	0.6	4
158	Modulation by somatostatin of juvenile hormone release in a cockroach. Die Naturwissenschaften, 1988, 75, 413-415.	1.6	5
159	In vitro inhibition of juvenile hormone III biosynthesis by precocene II and 3,4-dihydroprecocene II on Blattella germanica. Journal of Insect Physiology, 1988, 34, 457-461.	2.0	10
160	In vivo and in vitro effects of compactin in liposome carriers on juvenile hormone biosynthesis in adult females of Blattella germanica. Pesticide Biochemistry and Physiology, 1988, 32, 1-10.	3.6	10
161	Synergistic action of diethyl maleate on the morphogenetic and antigonadotropic activity of precocenes on the seed bugOxycarenus lavaterae(F.). Archives of Insect Biochemistry and Physiology, 1987, 4, 107-112.	1.5	3
162	In vitro biosynthesis of JH III by the corpora allata of adult females of Blattella germanica (L). Insect Biochemistry, 1987, 17, 1007-1010.	1.8	66

#	Article	IF	Citations
163	Insect antifeedant activity of clerodane diterpenoids against larvae ofSpodoptera Littoralis (Boisd.) (Lepidoptera). Journal of Chemical Ecology, 1985, 11, 1439-1445.	1.8	95
164	Identification and geographical distribution of Gibbium aequinoctiale Boieldieu and Gibbium psylloides (Czenpinski) (Coleoptera: Ptinidae). Journal of Stored Products Research, 1985, 21, 151-155.	2.6	14
165	Initial field trials with the synthetic sex pheromone of the processionary mothThaumetopoea pityocampa (Denis and Schiff.). Journal of Chemical Ecology, 1983, 9, 85-93.	1.8	21
166	Optimization of insect juvenile hormone bioassays on Tribolium confusum (DuV.) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Research, 1982, 18, 21-25.	2.6	2