

# Xavier Belles

## List of Publications by Citations

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168  
papers

5,601  
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178  
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6,496  
ext. citations

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#	Paper	IF	Citations
168	Beyond Drosophila: RNAi in vivo and functional genomics in insects. <i>Annual Review of Entomology</i> , <b>2010</b> , 55, 111-28	21.8	335
167	The mevalonate pathway and the synthesis of juvenile hormone in insects. <i>Annual Review of Entomology</i> , <b>2005</b> , 50, 181-99	21.8	285
166	Molecular basis of juvenile hormone signaling. <i>Current Opinion in Insect Science</i> , <b>2015</b> , 11, 39-46	5.1	145
165	The vitellogenin of the honey bee, <i>Apis mellifera</i> : structural analysis of the cDNA and expression studies. <i>Insect Biochemistry and Molecular Biology</i> , <b>2003</b> , 33, 459-65	4.5	131
164	The MEKRE93 (Methoprene tolerant-Krüppel homolog 1-E93) pathway in the regulation of insect metamorphosis, and the homology of the pupal stage. <i>Insect Biochemistry and Molecular Biology</i> , <b>2014</b> , 52, 60-8	4.5	129
163	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> . <i>Journal of Insect Physiology</i> , <b>2013</b> , 59, 171-8	2.4	128
162	Conserved repressive function of Krüppel homolog 1 on insect metamorphosis in hemimetabolous and holometabolous species. <i>Scientific Reports</i> , <b>2011</b> , 1, 163	4.9	128
161	Hemimetabolous genomes reveal molecular basis of termite eusociality. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 557-566	12.3	120
160	Vitellogenin expression in queen ovaries and in larvae of both sexes of <i>Apis mellifera</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>2005</b> , 59, 211-8	2.3	107
159	Systemic RNAi of the cockroach vitellogenin receptor results in a phenotype similar to that of the <i>Drosophila</i> <i>yolkless</i> mutant. <i>FEBS Journal</i> , <b>2006</b> , 273, 325-35	5.7	98
158	Allatostatic neuropeptides from the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). Identification, immunolocalization and activity. <i>Regulatory Peptides</i> , <b>1994</b> , 53, 237-47		98
157	Functions of the ecdysone receptor isoform-A in the hemimetabolous insect <i>Blattella germanica</i> revealed by systemic RNAi in vivo. <i>Developmental Biology</i> , <b>2006</b> , 297, 158-71	3.1	96
156	RNAi studies reveal a conserved role for RXR in molting in the cockroach <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , <b>2006</b> , 52, 410-6	2.4	91
155	Screening of antifeedant activity in brain extracts led to the identification of sulfakinin as a satiety promoter in the German cockroach. Are arthropod sulfakinins homologous to vertebrate gastrins-cholecystokinins?. <i>FEBS Journal</i> , <b>2001</b> , 268, 5824-30		86
154	Insect antifeedant activity of clerodane diterpenoids against larvae of <i>Spodoptera littoralis</i> (Boisd.) (Lepidoptera). <i>Journal of Chemical Ecology</i> , <b>1985</b> , 11, 1439-45	2.7	81
153	MicroRNA-dependent metamorphosis in hemimetabolous insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 21678-82	11.5	76
152	Evolution on a shaky piece of Gondwana: is local endemism recent in New Caledonia?. <i>Cladistics</i> , <b>2005</b> , 21, 2-7	3.5	76

151	Deep sequencing of organ- and stage-specific microRNAs in the evolutionarily basal insect <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>PLoS ONE</i> , <b>2011</b> , 6, e19350	3.7	76
150	The molecular evolution of the allatostatin precursor in cockroaches. <i>Peptides</i> , <b>1999</b> , 20, 11-22	3.8	74
149	MiR-2 family regulates insect metamorphosis by controlling the juvenile hormone signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 3740-5	11.5	73
148	Target of rapamycin (TOR) mediates the transduction of nutritional signals into juvenile hormone production. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 5506-13	5.4	73
147	Broad-complex functions in postembryonic development of the cockroach <i>Blattella germanica</i> shed new light on the evolution of insect metamorphosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2013</b> , 1830, 2178-87	4	72
146	Inhibition of vitellogenin production by allatostatin in the German cockroach. <i>Molecular and Cellular Endocrinology</i> , <b>1996</b> , 121, 191-6	4.4	70
145	Ecdysone signalling and ovarian development in insects: from stem cells to ovarian follicle formation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2015</b> , 1849, 181-6	6	65
144	An experimental test of the role of environmental temperature variability on ectotherm molecular, physiological and life-history traits: implications for global warming. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2011</b> , 159, 242-6	2.6	64
143	Differential expression of two RXR/ultraspiracle isoforms during the life cycle of the hemimetabolous insect <i>Blattella germanica</i> (Dictyoptera, Blattellidae). <i>Molecular and Cellular Endocrinology</i> , <b>2005</b> , 238, 27-37	4.4	64
142	In vitro biosynthesis of JH III by the corpora allata of adult females of <i>Blattella germanica</i> (L.). <i>Insect Biochemistry</i> , <b>1987</b> , 17, 1007-1010		64
141	The nuclear hormone receptor BgE75 links molting and developmental progression in the direct-developing insect <i>Blattella germanica</i> . <i>Developmental Biology</i> , <b>2008</b> , 315, 147-60	3.1	60
140	Key roles of the Broad-Complex gene in insect embryogenesis. <i>Insect Biochemistry and Molecular Biology</i> , <b>2010</b> , 40, 468-75	4.5	58
139	Juvenile hormone titer versus juvenile hormone synthesis in female nymphs and adults of the German cockroach, <i>Blattella germanica</i> . <i>Journal of Insect Science</i> , <b>2006</b> , 6, 1-7	2	56
138	Quantity does matter. Juvenile hormone and the onset of vitellogenesis in the German cockroach. <i>Insect Biochemistry and Molecular Biology</i> , <b>2003</b> , 33, 1219-25	4.5	54
137	MicroRNAs and the Evolution of Insect Metamorphosis. <i>Annual Review of Entomology</i> , <b>2017</b> , 62, 111-125	21.8	53
136	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> , <b>2009</b> , 39, 913-9	4.5	52
135	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> , <b>2007</b> , 43, 616-26	4.1	52
134	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> , <b>1999</b> , 29, 821-7	4.5	51

133	Insect glycerol transporters evolved by functional co-option and gene replacement. <i>Nature Communications</i> , <b>2015</b> , 6, 7814	17.4	50
132	Subtle roles of microRNAs let-7, miR-100 and miR-125 on wing morphogenesis in hemimetabolous metamorphosis. <i>Journal of Insect Physiology</i> , <b>2013</b> , 59, 1089-94	2.4	49
131	Structural and RNAi characterization of the German cockroach lipophorin receptor, and the evolutionary relationships of lipoprotein receptors. <i>BMC Molecular Biology</i> , <b>2007</b> , 8, 53	4.5	49
130	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> , <b>2003</b> , 115, 171-7		49
129	Nuclear receptor BgFTZ-F1 regulates molting and the timing of ecdysteroid production during nymphal development in the hemimetabolous insect <i>Blattella germanica</i> . <i>Developmental Dynamics</i> , <b>2008</b> , 237, 3179-91	2.9	48
128	Oral delivery of dsRNA lipoplexes to German cockroach protects dsRNA from degradation and induces RNAi response. <i>Pest Management Science</i> , <b>2017</b> , 73, 960-966	4.6	47
127	A role for Taiman in insect metamorphosis. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004769	6	46
126	Orcokinin in insects and other invertebrates. <i>Insect Biochemistry and Molecular Biology</i> , <b>2004</b> , 34, 1141-6	4.5	46
125	Induction of vitellogenin gene transcription in vitro by juvenile hormone in <i>Blattella germanica</i> . <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 183, 93-100	4.4	45
124	Role of Methoprene-tolerant (Met) in adult morphogenesis and in adult ecdysis of <i>Blattella germanica</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e103614	3.7	44
123	Redundant ecdysis regulatory functions of three nuclear receptor HR3 isoforms in the direct-developing insect <i>Blattella germanica</i> . <i>Mechanisms of Development</i> , <b>2007</b> , 124, 180-9	1.7	40
122	Patterns of haemolymph vitellogenin and ovarian vitellin in the German cockroach, and the role of Juvenile Hormone. <i>Physiological Entomology</i> , <b>1995</b> , 20, 59-65	1.9	40
121	Identifying genes related to choriogenesis in insect panoistic ovaries by Suppression Subtractive Hybridization. <i>BMC Genomics</i> , <b>2009</b> , 10, 206	4.5	39
120	Localization of allatostatin-immunoreactive material in the central nervous system, stomatogastric nervous system, and gut of the cockroach <i>Blattella germanica</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>1998</b> , 37, 269-82	2.3	38
119	The hormonal pathway controlling cell death during metamorphosis in a hemimetabolous insect. <i>Developmental Biology</i> , <b>2010</b> , 346, 150-60	3.1	37
118	Conservation of fruitlessProle as master regulator of male courtship behaviour from cockroaches to flies. <i>Development Genes and Evolution</i> , <b>2011</b> , 221, 43-8	1.8	36
117	Quantification of ecdysteroids by immunoassay: comparison of enzyme immunoassay and radioimmunoassay. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>1995</b> , 50, 862-7	1.7	36
116	The cockroach <i>Blattella germanica</i> obtains nitrogen from uric acid through a metabolic pathway shared with its bacterial endosymbiont. <i>Biology Letters</i> , <b>2014</b> , 10,	3.6	35

115	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> , <b>1993</b> , 213, 233-41		35
114	MicroRNAs in metamorphic and non-metamorphic transitions in hemimetabolous insect metamorphosis. <i>BMC Genomics</i> , <b>2012</b> , 13, 386	4.5	34
113	Feeding and activation of corpora allata in the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Journal of Insect Physiology</i> , <b>1997</b> , 44, 31-38	2.4	34
112	Modulation of cardiac rhythm by allatostatins in the cockroach <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Journal of Insect Physiology</i> , <b>1999</b> , 45, 1057-1064	2.4	34
111	Ovarian ecdysteroid levels and basal oocyte development during maturation in the cockroach <i>Blattella germanica</i> (L.). <i>Journal of Insect Physiology</i> , <b>1992</b> , 38, 339-348	2.4	34
110	Identification of leucomyosuppressin in the German cockroach, <i>Blattella germanica</i> , as an inhibitor of food intake. <i>Regulatory Peptides</i> , <b>2004</b> , 119, 105-12		33
109	Hemimetabolous insects elucidate the origin of sexual development via alternative splicing. <i>ELife</i> , <b>2019</b> , 8,	8.9	33
108	The microRNA toolkit of insects. <i>Scientific Reports</i> , <b>2016</b> , 6, 37736	4.9	32
107	Tergal and pleural structures contribute to the formation of ectopic prothoracic wings in cockroaches. <i>Royal Society Open Science</i> , <b>2016</b> , 3, 160347	3.3	28
106	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. <i>Archives of Insect Biochemistry and Physiology</i> , <b>1998</b> , 38, 137-46	2.3	28
105	Mitochondrial targeting of farnesyl diphosphate synthase is a widespread phenomenon in eukaryotes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2007</b> , 1773, 419-26	4.9	28
104	3-Hydroxy-3-methylglutaryl-coenzyme-A synthase from <i>Blattella germanica</i> . Cloning, expression, developmental pattern and tissue expression. <i>FEBS Journal</i> , <b>1993</b> , 217, 691-9		28
103	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> , <b>2007</b> , 37, 1241-8	4.5	27
102	Juvenile hormone and allatostatins in the German cockroach embryo. <i>Insect Biochemistry and Molecular Biology</i> , <b>2010</b> , 40, 660-5	4.5	26
101	Silencing allatostatin expression using double-stranded RNA targeted to preallatostatin mRNA in the German cockroach. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2006</b> , 62, 73-9	2.3	26
100	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> , <b>2001</b> , 151, 61-79	1.1	26
99	Juvenile Hormone inhibition in corpora allata from ovariectomized <i>Blattella germanica</i> . <i>Physiological Entomology</i> , <b>1994</b> , 19, 342-348	1.9	26
98	Comparative analysis of miRNA expression during the development of insects of different metamorphosis modes and germ-band types. <i>BMC Genomics</i> , <b>2017</b> , 18, 774	4.5	25

97	Different Bla-g T cell antigens dominate responses in asthma versus rhinitis subjects. <i>Clinical and Experimental Allergy</i> , <b>2015</b> , 45, 1856-67	4.1	24
96	Identification and functional characterization of an ovarian aquaporin from the cockroach <i>Blattella germanica</i> L. (Dictyoptera, Blattellidae). <i>Journal of Experimental Biology</i> , <b>2011</b> , 214, 3630-8	3	24
95	Super-induction of Dicer-2 expression by alien double-stranded RNAs: an evolutionary ancient response to viral infection?. <i>Development Genes and Evolution</i> , <b>2012</b> , 222, 229-35	1.8	23
94	Induction of choriogenesis by 20-hydroxyecdysone in the German cockroach. <i>Tissue and Cell</i> , <b>1993</b> , 25, 195-204	2.7	23
93	Origin and Evolution of Insect Metamorphosis <b>2011</b> ,		22
92	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> , <b>1992</b> , 102, 477-480		22
91	Antifeedant activity of dihydro-agarofuran sesquiterpenes from Celastraceae against <i>Spodoptera littoralis</i> . <i>Biochemical Systematics and Ecology</i> , <b>1992</b> , 20, 311-315	1.4	22
90	The innovation of the final moult and the origin of insect metamorphosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20180415	5.8	20
89	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> , <b>1983</b> , 9, 85-93	2.7	20
88	Protection chimique du nid chez <i>Canthon cyanellus cyanellus</i> LeConte [Col. Scarabaeidae]. <i>Bulletin De La Société Entomologique De France</i> , <b>1983</b> , 88, 602-607	0.5	19
87	Orcokinin contribute to the regulation of vitellogenin transcription in the cockroach <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , <b>2015</b> , 82, 129-33	2.4	18
86	Comparative Transcriptomics in Two Extreme Neopterans Reveals General Trends in the Evolution of Modern Insects. <i>iScience</i> , <b>2018</b> , 4, 164-179	6.1	18
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> , <b>2012</b> , 348, 322-30	4.4	18
84	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> , <b>1997</b> , 27, 851-8	4.5	18
83	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> , <b>2000</b> , 45, 1-11	2.3	18
82	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> , <b>2000</b> , 9, 385-92	3.4	18
81	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> , <b>1996</b> , 26, 837-43	4.5	18
80	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> , <b>1989</b> , 258, 91	4.2	18

79	Juvenile hormone and hemimetabolan eusociality: a comparison of cockroaches with termites. <i>Current Opinion in Insect Science</i> , <b>2017</b> , 22, 109-116	5.1	17
78	CREB-binding protein contributes to the regulation of endocrine and developmental pathways in insect hemimetabolan pre-metamorphosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2016</b> , 1860, 508-15	4	17
77	Juvenile hormone signaling in short germ-band hemimetabolan embryos. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 4637-4644	6.6	17
76	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> , <b>2011</b> , 2, 114	5.7	17
75	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> , <b>2005</b> , 43, 284-296	1.9	17
74	Antifeeding properties of myosuppressin in a generalist phytophagous leafworm, <i>Spodoptera littoralis</i> (Boisduval). <i>Regulatory Peptides</i> , <b>2008</b> , 148, 68-75		16
73	The cDNA for leucomyosuppressin in <i>Blattella germanica</i> and molecular evolution of insect myosuppressins. <i>Peptides</i> , <b>2004</b> , 25, 1883-9	3.8	16
72	Ecdysteroid depletion by azadirachtin in <i>Tenebrio molitor</i> pupae. <i>Pesticide Biochemistry and Physiology</i> , <b>1990</b> , 38, 60-65	4.9	16
71	Insect MicroRNAs <b>2012</b> , 30-56		15
70	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 &amp; Integrative Physiology</i> , <b>2012</b> , 162, 391-6	2.6	15
69	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> , <b>2002</b> , 49, 177-86	2.3	15
68	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> , <b>2003</b> , 59, 1111-7	4.6	15
67	Production and extraovarian processing of vitellogenin in ovariectomized <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Journal of Insect Physiology</i> , <b>1996</b> , 42, 101-105	2.4	15
66	Brownie, a gene involved in building complex respiratory devices in insect eggshells. <i>PLoS ONE</i> , <b>2009</b> , 4, e8353	3.7	14
65	Effects of myoinhibitory peptides on food intake in the German cockroach. <i>Physiological Entomology</i> , <b>2006</b> , 31, 257-261	1.9	14
64	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> , <b>1999</b> , 24, 213-219	1.9	14
63	Production of vitellogenin in vitro by the periovaric fat body of <i>Blattella germanica</i> (L.) (Dictyoptera, Blattellidae). <i>Invertebrate Reproduction and Development</i> , <b>1995</b> , 28, 171-176	0.7	14
62	Krüppel homolog 1 and E93: The doorkeeper and the key to insect metamorphosis. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2020</b> , 103, e21609	2.3	14

61	Regulation of atrophin by both strands of the mir-8 precursor. <i>Insect Biochemistry and Molecular Biology</i> , <b>2013</b> , 43, 1009-14	4.5	13
60	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> , <b>1985</b> , 21, 151-155	2.5	13
59	Myoglianin triggers the premetamorphosis stage in hemimetabolan insects. <i>FASEB Journal</i> , <b>2019</b> , 33, 3659-3669	0.9	13
58	Juvenile hormone biosynthesis in adult <i>Blattella germanica</i> requires nuclear receptors Seven-up and FTZ-F1. <i>Scientific Reports</i> , <b>2017</b> , 7, 40234	4.9	12
57	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> , <b>1997</b> , 22, 6-12	1.9	12
56	Identification of a tachykinin-related peptide with orexigenic properties in the German cockroach. <i>Peptides</i> , <b>2008</b> , 29, 386-92	3.8	12
55	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> , <b>2018</b> , 330, 296-304	1.8	12
54	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> , <b>2018</b> , 330, 254-264	1.8	11
53	Endocrine peptides and insect reproduction. <i>Invertebrate Reproduction and Development</i> , <b>2005</b> , 47, 23-37	7	11
52	Gastrin-cholecystokinin-like and neuroparsin-like immunoreactivities in the brain and retrocerebral neuroendocrine complex of the cockroach <i>Blattella germanica</i> . <i>Histochemistry</i> , <b>1990</b> , 93, 433-8		11
51	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> , <b>2018</b> , 1861, 554-560	6	10
50	Azadirachtin induced imaginal moult deficiencies in <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae). <i>Journal of Stored Products Research</i> , <b>1990</b> , 26, 53-57	2.5	10
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