

Wen Liu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4782133/wen-liu-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

796
citations

18
h-index

27
g-index

51
ext. papers

1,077
ext. citations

4.8
avg, IF

4.36
L-index

#	Paper	IF	Citations
50	Juvenile hormone facilitates the antagonism between adult reproduction and diapause through the methoprene-tolerant gene in the female <i>Colaphellus bowringi</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016 , 74, 50-60	4.5	62
49	Bioconversion performance and life table of black soldier fly (<i>Hermetia illucens</i>) on fermented maize straw. <i>Journal of Cleaner Production</i> , 2019 , 230, 974-980	10.3	59
48	Fatty acid synthase 2 contributes to diapause preparation in a beetle by regulating lipid accumulation and stress tolerance genes expression. <i>Scientific Reports</i> , 2017 , 7, 40509	4.9	43
47	Phospholipase C β connects the cell membrane pathway to the nuclear receptor pathway in insect steroid hormone signaling. <i>Journal of Biological Chemistry</i> , 2014 , 289, 13026-41	5.4	41
46	A de novo transcriptome and valid reference genes for quantitative real-time PCR in <i>Colaphellus bowringi</i> . <i>PLoS ONE</i> , 2015 , 10, e0118693	3.7	33
45	Circadian clock genes link photoperiodic signals to lipid accumulation during diapause preparation in the diapause-destined female cabbage beetles <i>Colaphellus bowringi</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019 , 104, 1-10	4.5	32
44	G-protein-coupled receptor participates in 20-hydroxyecdysone signaling on the plasma membrane. <i>Cell Communication and Signaling</i> , 2014 , 12, 9	7.5	30
43	The hormone-dependent function of Hsp90 in the crosstalk between 20-hydroxyecdysone and juvenile hormone signaling pathways in insects is determined by differential phosphorylation and protein interactions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 5184-92	4	30
42	Juvenile hormone prevents 20-hydroxyecdysone-induced metamorphosis by regulating the phosphorylation of a newly identified broad protein. <i>Journal of Biological Chemistry</i> , 2014 , 289, 26630-26641	5.4	29
41	Steroid hormone ecdysone deficiency stimulates preparation for photoperiodic reproductive diapause. <i>PLoS Genetics</i> , 2021 , 17, e1009352	6	29
40	Describing the Diapause-Preparatory Proteome of the Beetle and Identifying Candidates Affecting Lipid Accumulation Using Isobaric Tags for Mass Spectrometry-Based Proteome Quantification (iTRAQ). <i>Frontiers in Physiology</i> , 2017 , 8, 251	4.6	27
39	In a nongenomic action, steroid hormone 20-hydroxyecdysone induces phosphorylation of cyclin-dependent kinase 10 to promote gene transcription. <i>Endocrinology</i> , 2014 , 155, 1738-50	4.8	24
38	Juvenile hormone regulates the differential expression of putative juvenile hormone esterases via methoprene-tolerant in non-diapause-destined and diapause-destined adult female beetle. <i>Gene</i> , 2017 , 627, 373-378	3.8	23
37	Upregulation of the expression of prodeath serine/threonine protein kinase for programmed cell death by steroid hormone 20-hydroxyecdysone. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013 , 18, 171-87	5.4	22
36	The limited regulatory roles of juvenile hormone degradation pathways in reproductive diapause preparation of the cabbage beetle, <i>Colaphellus bowringi</i> . <i>Journal of Insect Physiology</i> , 2019 , 119, 103967-2.4	2.4	21
35	Differences in the Development of Internal Reproductive Organs, Feeding Amount and Nutrient Storage between Pre-Diapause and Pre-Reproductive Adults. <i>Insects</i> , 2019 , 10,	2.8	20
34	Association between gut microbiota and diapause preparation in the cabbage beetle: a new perspective for studying insect diapause. <i>Scientific Reports</i> , 2016 , 6, 38900	4.9	20

33	Methoprene-tolerant 1 regulates gene transcription to maintain insect larval status. <i>Journal of Molecular Endocrinology</i> , 2014 , 53, 93-104	4.5	19
32	Protein kinase C delta phosphorylates ecdysone receptor B1 to promote gene expression and apoptosis under 20-hydroxyecdysone regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E7121-E7130	11.5	18
31	Small GTPase Rab4b participates in the gene transcription of 20-hydroxyecdysone and insulin pathways to regulate glycogen level and metamorphosis. <i>Developmental Biology</i> , 2012 , 371, 13-22	3.1	18
30	Differences in the pre-diapause and pre-oviposition accumulation of critical nutrients in adult females of the beetle <i>Colaphellus bowringi</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2016 , 160, 117-125 ^{2.1}	2.1	18
29	Molecular characterization and juvenile hormone-regulated transcription of the vitellogenin receptor in the cabbage beetle <i>Colaphellus bowringi</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019 , 229, 69-75	2.6	18
28	Divergence in larval diapause induction between the rice and water-oat populations of the striped stem borer, <i>Chilo suppressalis</i> (Walker) (Lepidoptera: Crambidae). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 29715-29724	5.1	16
27	The steroid hormone 20-hydroxyecdysone via nongenomic pathway activates Ca ²⁺ /calmodulin-dependent protein kinase II to regulate gene expression. <i>Journal of Biological Chemistry</i> , 2015 , 290, 8469-81	5.4	15
26	Effect of sulfonamide pollution on the growth of manure management candidate <i>Hermetia illucens</i> . <i>PLoS ONE</i> , 2019 , 14, e0216086	3.7	14
25	Mod(mdg4) participates in hormonally regulated midgut programmed cell death during metamorphosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012 , 17, 1327-39	5.4	14
24	The Steroid Hormone 20-Hydroxyecdysone Up-regulates Ste-20 Family Serine/Threonine Kinase Hippo to Induce Programmed Cell Death. <i>Journal of Biological Chemistry</i> , 2015 , 290, 24738-46	5.4	13
23	Tim-4 Inhibits NLRP3 Inflammasome via the LKB1/AMPK Pathway in Macrophages. <i>Journal of Immunology</i> , 2019 , 203, 990-1000	5.3	13
22	G-protein β participates in the steroid hormone 20-hydroxyecdysone nongenomic signal transduction. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt B, 313-23	5.1	13
21	Tim-4 in Health and Disease: Friend or Foe?. <i>Frontiers in Immunology</i> , 2020 , 11, 537	8.4	10
20	Do differences in life-history traits and the timing of peak mating activity between host-associated populations of <i>Chilo suppressalis</i> have a genetic basis?. <i>Ecology and Evolution</i> , 2016 , 6, 4478-87	2.8	7
19	Krüppel homolog 1 regulates photoperiodic reproductive plasticity in the cabbage beetle <i>Colaphellus bowringi</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 134, 103582	4.5	6
18	Differential expression of circadian clock genes in two strains of beetles reveals candidates related to photoperiodic induction of summer diapause. <i>Gene</i> , 2017 , 603, 9-14	3.8	5
17	Hepatic Macrophage as a Key Player in Fatty Liver Disease.. <i>Frontiers in Immunology</i> , 2021 , 12, 708978	8.4	5
16	Difference in diel mating time contributes to assortative mating between host plant-associated populations of <i>Chilo suppressalis</i> . <i>Scientific Reports</i> , 2017 , 7, 45265	4.9	4

15	Molecular characterization and functional analysis of two trehalose transporter genes in the cabbage beetle, <i>Colaphellus bowringi</i> . <i>Journal of Asia-Pacific Entomology</i> , 2020 , 23, 627-633	1.4	4
14	Juvenile hormone biosynthetic genes are critical for regulating reproductive diapause in the cabbage beetle. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 139, 103654	4.5	4
13	Steroid hormone 20-hydroxyecdysone regulation of the very-high-density lipoprotein (VHDL) receptor phosphorylation for VHDL uptake. <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 328-35	4.5	3
12	Developmental Differences on the Internal Reproductive Systems between the Prediapause and Prereproductive Adults. <i>Insects</i> , 2020 , 11,	2.8	2
11	PacBio Long-Read Sequencing Transcriptome Dataset of Adult Under Diapause Inducing and Reproductive Inducing Photoperiod. <i>Frontiers in Genetics</i> , 2020 , 11, 1010	4.5	2
10	Key role of juvenile hormone in controlling reproductive diapause in females of the Asian lady beetle <i>Harmonia axyridis</i> . <i>Pest Management Science</i> , 2022 , 78, 193-204	4.6	2
9	Identification of three metallothioneins in the black soldier fly and their functions in Cd accumulation and detoxification. <i>Environmental Pollution</i> , 2021 , 286, 117146	9.3	2
8	Biological characteristics of a non-photoperiodic-diapause strain of the cabbage beetle <i>Colaphellus bowringi</i> (Coleoptera: Chrysomelidae). <i>Entomological Science</i> , 2017 , 20, 50-56	1.1	1
7	Host population related variations in circadian clock gene sequences and expression patterns in. <i>Chronobiology International</i> , 2019 , 36, 969-978	3.6	1
6	Comparative transcriptomics of the pheromone glands provides new insights into the differentiation of sex pheromone between two host populations of <i>Chilo suppressalis</i> . <i>Scientific Reports</i> , 2020 , 10, 3499	4.9	1
5	Genes from Carboxypeptidase A, glutathione S-transferase, and cytochrome b families were found involved in lead transport in insect <i>Musca domestica</i> .. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 230, 113113	7	1
4	Juvenile hormone regulates photoperiod-mediated male reproductive diapause via the methoprene-tolerant gene in the ladybeetle <i>Harmonia axyridis</i> . <i>Insect Science</i> , 2021 ,	3.6	1
3	N-Glycosylation at Asn291 Stabilizes TIM-4 and Promotes the Metastasis of NSCLC.. <i>Frontiers in Oncology</i> , 2022 , 12, 730530	5.3	1
2	MAPK Signaling Pathway Is Essential for Female Reproductive Regulation in the Cabbage Beetle, <i>Colaphellus bowringi</i> . <i>Cells</i> , 2022 , 11, 1602	7.9	0
1	Lipin modulates lipid metabolism during reproduction in the cabbage beetle. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 139, 103668	4.5	