

Wen Liu

List of Publications by Year in Descending Order

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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	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
49	N-Glycosylation at Asn291 Stabilizes TIM-4 and Promotes the Metastasis of NSCLC.. <i>Frontiers in Oncology</i> , 2022 , 12, 730530	5.3	1
48	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
47	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
46	Lipin modulates lipid metabolism during reproduction in the cabbage beetle. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 139, 103668	4.5	
45	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
44	Steroid hormone ecdysone deficiency stimulates preparation for photoperiodic reproductive diapause. <i>PLoS Genetics</i> , 2021 , 17, e1009352	6	29
43	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
42	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
41	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
40	Hepatic Macrophage as a Key Player in Fatty Liver Disease.. <i>Frontiers in Immunology</i> , 2021 , 12, 708978	8.4	5
39	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
38	Developmental Differences on the Internal Reproductive Systems between the Prediapause and Prereproductive Adults. <i>Insects</i> , 2020 , 11,	2.8	2
37	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
36	Tim-4 in Health and Disease: Friend or Foe?. <i>Frontiers in Immunology</i> , 2020 , 11, 537	8.4	10
35	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
34	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

33	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
32	Host population related variations in circadian clock gene sequences and expression patterns in. <i>Chronobiology International</i> , 2019 , 36, 969-978	3.6	1
31	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
30	Tim-4 Inhibits NLRP3 Inflammasome via the LKB1/AMPK Pathway in Macrophages. <i>Journal of Immunology</i> , 2019 , 203, 990-1000	5.3	13
29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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

15	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}	18
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	Methoprene-tolerant 1 regulates gene transcription to maintain insect larval status. <i>Journal of Molecular Endocrinology</i> , 2014 , 53, 93-104	4.5 19
5	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
4	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
3	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
2	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
1	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