

Ling Tian

List of Publications by Citations

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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.

29
papers

4,643
citations

16
h-index

32
g-index

32
ext. papers

5,399
ext. citations

5.4
avg, IF

3.6
L-index

#	Paper	IF	Citations
29	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
28	20-Hydroxyecdysone upregulates Atg genes to induce autophagy in the Bombyx fat body. <i>Autophagy</i> , 2013 , 9, 1172-87	10.2	89
27	Genome-wide identification and characterization of ATP-binding cassette transporters in the silkworm, <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2011 , 12, 491	4.5	89
26	Genome-wide regulation of innate immunity by juvenile hormone and 20-hydroxyecdysone in the Bombyx fat body. <i>BMC Genomics</i> , 2010 , 11, 549	4.5	79
25	DPP-mediated TGFbeta signaling regulates juvenile hormone biosynthesis by activating the expression of juvenile hormone acid methyltransferase. <i>Development (Cambridge)</i> , 2011 , 138, 2283-91	6.6	57
24	20-Hydroxyecdysone (20E) Primary Response Gene E93 Modulates 20E Signaling to Promote Bombyx Larval-Pupal Metamorphosis. <i>Journal of Biological Chemistry</i> , 2015 , 290, 27370-27383	5.4	50
23	20-Hydroxyecdysone-induced transcriptional activity of FoxO upregulates brummer and acid lipase-1 and promotes lipolysis in Bombyx fat body. <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 829-38	4.5	49
22	BmATG5 and BmATG6 mediate apoptosis following autophagy induced by 20-hydroxyecdysone or starvation. <i>Autophagy</i> , 2016 , 12, 381-96	10.2	48
21	Transcriptional regulation of the insulin signaling pathway genes by starvation and 20-hydroxyecdysone in the Bombyx fat body. <i>Journal of Insect Physiology</i> , 2010 , 56, 1436-44	2.4	48
20	20-hydroxyecdysone upregulates apoptotic genes and induces apoptosis in the Bombyx fat body. <i>Archives of Insect Biochemistry and Physiology</i> , 2012 , 79, 207-19	2.3	43
19	Developmental regulation of glycolysis by 20-hydroxyecdysone and juvenile hormone in fat body tissues of the silkworm, <i>Bombyx mori</i> . <i>Journal of Molecular Cell Biology</i> , 2010 , 2, 255-63	6.3	41
18	MET is required for the maximal action of 20-hydroxyecdysone during Bombyx metamorphosis. <i>PLoS ONE</i> , 2012 , 7, e53256	3.7	39
17	20-Hydroxyecdysone (20E) Primary Response Gene E75 Isoforms Mediate Steroidogenesis Autoregulation and Regulate Developmental Timing in Bombyx. <i>Journal of Biological Chemistry</i> , 2016 , 291, 18163-75	5.4	28
16	Bombyx E75 isoforms display stage- and tissue-specific responses to 20-hydroxyecdysone. <i>Scientific Reports</i> , 2015 , 5, 12114	4.9	23
15	Black Soldier Fly Larvae Adapt to Different Food Substrates through Morphological and Functional Responses of the Midgut. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
14	Evolution of the cholesterol biosynthesis pathway in animals. <i>Molecular Biology and Evolution</i> , 2019 ,	8.3	20
13	20-Hydroxyecdysone-upregulated proteases involved in Bombyx larval fat body destruction. <i>Insect Molecular Biology</i> , 2018 , 27, 724-738	3.4	14

12	Juvenile hormone III produced in male accessory glands of the longhorned beetle, <i>Apriona germari</i> , is transferred to female ovaries during copulation. <i>Archives of Insect Biochemistry and Physiology</i> , 2010 , 75, 57-67	2.3	14
11	<i>Drosophila</i> CG10527 mutants are resistant to juvenile hormone and its analog methoprene. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 401, 182-7	3.4	13
10	Steroid hormone 20-hydroxyecdysone induces the transcription and complex assembly of V-ATPases to facilitate autophagy in <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020 , 116, 103255	4.5	8
9	Cholesterol derivatives induce dephosphorylation of the histone deacetylases Rpd3/HDAC1 to upregulate autophagy. <i>Autophagy</i> , 2021 , 17, 512-528	10.2	7
8	JH biosynthesis by reproductive tissues and corpora allata in adult longhorned beetles, <i>Apriona germari</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2010 , 75, 275-86	2.3	5
7	Transcriptome analysis reveals potential function of long non-coding RNAs in 20-hydroxyecdysone regulated autophagy in <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2021 , 22, 374	4.5	5
6	Functional identification of <i>Bombyx mori</i> Atg13 in autophagy. <i>Archives of Insect Biochemistry and Physiology</i> , 2020 , 105, e21718	2.3	4
5	Homeodomain Protein Scr Regulates the Transcription of Genes Involved in Juvenile Hormone Biosynthesis in the Silkworm. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26166-85	6.3	3
4	Clathrin-dependent endocytosis predominantly mediates protein absorption by fat body from the hemolymph in <i>Bombyx mori</i> . <i>Insect Science</i> , 2020 , 27, 675-686	3.6	3
3	P300/HDAC1 regulates the acetylation/deacetylation and autophagic activities of LC3/Atg8-PE ubiquitin-like system. <i>Cell Death Discovery</i> , 2021 , 7, 128	6.9	2
2	Insights Into the Immune Response of the Black Soldier Fly Larvae to Bacteria. <i>Frontiers in Immunology</i> , 2021 , 12, 745160	8.4	1
1	Transcription and Post-translational Regulation of Autophagy in Insects.. <i>Frontiers in Physiology</i> , 2022 , 13, 825202	4.6	1