Ling Tian

List of Publications by Year
in descending order

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31 papers	5,935 citations	430874 18 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	15181 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	20-hydroxyecdysone upregulatesAtggenes to induce autophagy in the Bombyx fat body. Autophagy, 2013, 9, 1172-1187.	9.1	125
3	Genome-wide identification and characterization of ATP-binding cassette transporters in the silkworm, Bombyx mori. BMC Genomics, 2011, 12, 491.	2.8	108
4	Genome-wide regulation of innate immunity by juvenile hormone and 20-hydroxyecdysone in the Bombyx fat body. BMC Genomics, 2010, 11, 549.	2.8	104
5	20-Hydroxyecdysone (20E) Primary Response Gene E93 Modulates 20E Signaling to Promote Bombyx Larval-Pupal Metamorphosis. Journal of Biological Chemistry, 2015, 290, 27370-27383.	3.4	92
6	BmATG5 and BmATG6 mediate apoptosis following autophagy induced by 20-hydroxyecdysone or starvation. Autophagy, 2016, 12, 381-396.	9.1	73
7	DPP-mediated TGFÎ² signaling regulates juvenile hormone biosynthesis by activating the expression of juvenile hormone acid methyltransferase. Development (Cambridge), 2011, 138, 2283-2291.	2.5	72
8	20-Hydroxyecdysone-induced transcriptional activity of FoxO upregulates brummer and acid lipase-1 and promotes lipolysis inÂBombyx fat body. Insect Biochemistry and Molecular Biology, 2013, 43, 829-838.	2.7	72
9	Transcriptional regulation of the insulin signaling pathway genes by starvation and 20-hydroxyecdysone in the Bombyx fat body. Journal of Insect Physiology, 2010, 56, 1436-1444.	2.0	61
10	20-Hydroxyecdysone (20E) Primary Response Gene E75 Isoforms Mediate Steroidogenesis Autoregulation and Regulate Developmental Timing in Bombyx. Journal of Biological Chemistry, 2016, 291, 18163-18175.	3.4	59
11	Developmental Regulation of Glycolysis by 20-hydroxyecdysone and Juvenile Hormone in Fat Body Tissues of the Silkworm, Bombyx mori. Journal of Molecular Cell Biology, 2010, 2, 255-263.	3.3	58
12	20â€HYDROXYECDYSONE UPREGULATES APOPTOTIC GENES AND INDUCES APOPTOSIS IN THE <scp>B</scp>OMBYX FAT BODY. Archives of Insect Biochemistry and Physiology, 2012, 79, 207-219.	1.5	55
13	Black Soldier Fly Larvae Adapt to Different Food Substrates through Morphological and Functional Responses of the Midgut. International Journal of Molecular Sciences, 2020, 21, 4955.	4.1	51
14	MET Is Required for the Maximal Action of 20-Hydroxyecdysone during Bombyx Metamorphosis. PLoS ONE, 2012, 7, e53256.	2.5	45
15	Bombyx E75 isoforms display stage- and tissue-specific responses to 20-hydroxyecdysone. Scientific Reports, 2015, 5, 12114.	3.3	38
16	Evolution of the Cholesterol Biosynthesis Pathway in Animals. Molecular Biology and Evolution, 2019, 36, 2548-2556.	8.9	37
17	20â€Hydroxyecdysoneâ€upregulated proteases involved in Bombyx larval fat body destruction. Insect Molecular Biology, 2018, 27, 724-738.	2.0	31
18	Cholesterol derivatives induce dephosphorylation of the histone deacetylases Rpd3/HDAC1 to upregulate autophagy. Autophagy, 2021, 17, 512-528.	9.1	22

#	Article	IF	Citations
19	DrosophilaCG10527 mutants are resistant to juvenile hormone and its analog methoprene. Biochemical and Biophysical Research Communications, 2010, 401, 182-187.	2.1	16
20	Steroid hormone 20-hydroxyecdysone induces the transcription and complex assembly of V-ATPases to facilitate autophagy in Bombyx mori. Insect Biochemistry and Molecular Biology, 2020, 116, 103255.	2.7	15
21	Insights Into the Immune Response of the Black Soldier Fly Larvae to Bacteria. Frontiers in Immunology, 2021, 12, 745160.	4.8	15
22	Juvenile hormone III produced in male accessory glands of the longhorned beetle, Apriona germari, is transferred to female ovaries during copulation. Archives of Insect Biochemistry and Physiology, 2010, 75, 57-67.	1.5	14
23	P300/HDAC1 regulates the acetylation/deacetylation and autophagic activities of LC3/Atg8â€“PE ubiquitin-like system. Cell Death Discovery, 2021, 7, 128.	4.7	14
24	Transcriptional and Post-Transcriptional Regulation of Autophagy. Cells, 2022, 11, 441.	4.1	14
25	Transcriptome analysis reveals potential function of long non-coding RNAs in 20-hydroxyecdysone regulated autophagy in Bombyx mori. BMC Genomics, 2021, 22, 374.	2.8	12
26	Functional identification of Bombyx mori Atg13 in autophagy. Archives of Insect Biochemistry and Physiology, 2020, 105, e21718.	1.5	9
27	JH biosynthesis by reproductive tissues and corpora allata in adult longhorned beetles, Apriona germari. Archives of Insect Biochemistry and Physiology, 2010, 75, 275-286.	1.5	6
28	Transcription and Post-translational Regulation of Autophagy in Insects. Frontiers in Physiology, 2022, 13, 825202.	2.8	5
29	Homeodomain Protein Scr Regulates the Transcription of Genes Involved in Juvenile Hormone Biosynthesis in the Silkworm. International Journal of Molecular Sciences, 2015, 16, 26166-26185.	4.1	4
30	Clathrinâ€dependent endocytosis predominantly mediates protein absorption by fat body from the hemolymph in Bombyx mori. Insect Science, 2020, 27, 675-686.	3.0	4
31	Tip60 Phosphorylation at Ser 99 Is Essential for Autophagy Induction in Bombyx mori. International Journal of Molecular Sciences, 2020, 21, 6893.	4.1	3