# Ling Tian

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | Transcription and Post-translational Regulation of Autophagy in Insects.. *Frontiers in Physiology*, **2022**, 13, 825202 | 4.6 | 1 |
| 28 | Insights Into the Immune Response of the Black Soldier Fly Larvae to Bacteria. *Frontiers in Immunology*, **2021**, 12, 745160 | 8.4 | 1 |
| 27 | Cholesterol derivatives induce dephosphorylation of the histone deacetylases Rpd3/HDAC1 to upregulate autophagy. *Autophagy*, **2021**, 17, 512-528 | 10.2 | 7 |
| 26 | P300/HDAC1 regulates the acetylation/deacetylation and autophagic activities of LC3/Atg8-PE ubiquitin-like system. *Cell Death Discovery*, **2021**, 7, 128 | 6.9 | 2 |
| 25 | Transcriptome analysis reveals potential function of long non-coding RNAs in 20-hydroxyecdysone regulated autophagy in Bombyx mori. *BMC Genomics*, **2021**, 22, 374 | 4.5 | 5 |
| 24 | Functional identification of Bombyx mori Atg13 in autophagy. *Archives of Insect Biochemistry and Physiology*, **2020**, 105, e21718 | 2.3 | 4 |
| 23 | Black Soldier Fly Larvae Adapt to Different Food Substrates through Morphological and Functional Responses of the Midgut. *International Journal of Molecular Sciences*, **2020**, 21, | 6.3 | 21 |
| 22 | Clathrin-dependent endocytosis predominantly mediates protein absorption by fat body from the hemolymph in Bombyx mori. *Insect Science*, **2020**, 27, 675-686 | 3.6 | 3 |
| 21 | 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 | 4.5 | 8 |
| 20 | Evolution of the cholesterol biosynthesis pathway in animals. *Molecular Biology and Evolution*, **2019**, | 8.3 | 20 |
| 19 | 20-Hydroxyecdysone-upregulated proteases involved in Bombyx larval fat body destruction. *Insect Molecular Biology*, **2018**, 27, 724-738 | 3.4 | 14 |
| 18 | 20-Hydroxyecdysone (20E) Primary Response Gene E75 Isoforms Mediate Steroidogenesis Autoregulation and Regulate Developmental Timing in Bombyx. *Journal of Biological Chemistry*, **2016**, 291, 18163-75 | 5.4 | 28 |
| 17 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222 | 10.2 | 3838 |
| 16 | BmATG5 and BmATG6 mediate apoptosis following autophagy induced by 20-hydroxyecdysone or starvation. *Autophagy*, **2016**, 12, 381-96 | 10.2 | 48 |
| 15 | 20-Hydroxyecdysone (20E) Primary Response Gene E93 Modulates 20E Signaling to Promote Bombyx Larval-Pupal Metamorphosis. *Journal of Biological Chemistry*, **2015**, 290, 27370-27383 | 5.4 | 50 |
| 14 | Bombyx E75 isoforms display stage- and tissue-specific responses to 20-hydroxyecdysone. *Scientific Reports*, **2015**, 5, 12114 | 4.9 | 23 |
| 13 | Homeodomain Protein Scr Regulates the Transcription of Genes Involved in Juvenile Hormone Biosynthesis in the Silkworm. *International Journal of Molecular Sciences*, **2015**, 16, 26166-85 | 6.3 | 3 |

# List of Publications

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|---|---|---|---|
| 12 | 20-Hydroxyecdysone-induced transcriptional activity of FoxO upregulates brummer and acid lipase-1 and promotes lipolysis in Bombyx fat body. *Insect Biochemistry and Molecular Biology*, **2013**, 43, 829-38 | 4.5 | 49 |
| 11 | 20-Hydroxyecdysone upregulates Atg genes to induce autophagy in the Bombyx fat body. *Autophagy*, **2013**, 9, 1172-87 | 10.2 | 89 |
| 10 | 20-hydroxyecdysone upregulates apoptotic genes and induces apoptosis in the Bombyx fat body. *Archives of Insect Biochemistry and Physiology*, **2012**, 79, 207-19 | 2.3 | 43 |
| 9 | MET is required for the maximal action of 20-hydroxyecdysone during Bombyx metamorphosis. *PLoS ONE*, **2012**, 7, e53256 | 3.7 | 39 |
| 8 | Genome-wide identification and characterization of ATP-binding cassette transporters in the silkworm, Bombyx mori. *BMC Genomics*, **2011**, 12, 491 | 4.5 | 89 |
| 7 | DPP-mediated TGFbeta signaling regulates juvenile hormone biosynthesis by activating the expression of juvenile hormone acid methyltransferase. *Development (Cambridge)*, **2011**, 138, 2283-91 | 6.6 | 57 |
| 6 | 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, 255-63 | 6.3 | 41 |
| 5 | Drosophila CG10527 mutants are resistant to juvenile hormone and its analog methoprene. *Biochemical and Biophysical Research Communications*, **2010**, 401, 182-7 | 3.4 | 13 |
| 4 | Transcriptional regulation of the insulin signaling pathway genes by starvation and 20-hydroxyecdysone in the Bombyx fat body. *Journal of Insect Physiology*, **2010**, 56, 1436-44 | 2.4 | 48 |
| 3 | Genome-wide regulation of innate immunity by juvenile hormone and 20-hydroxyecdysone in the Bombyx fat body. *BMC Genomics*, **2010**, 11, 549 | 4.5 | 79 |
| 2 | 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 | 2.3 | 14 |
| 1 | JH biosynthesis by reproductive tissues and corpora allata in adult longhorned beetles, Apriona germari. *Archives of Insect Biochemistry and Physiology*, **2010**, 75, 275-86 | 2.3 | 5 |