

Jun Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6206114/publications.pdf>

Version: 2024-02-01

45
papers

1,892
citations

361296

20
h-index

276775

41
g-index

52
all docs

52
docs citations

52
times ranked

1536
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Protein visualization and manipulation in <i>Drosophila</i> through the use of epitope tags recognized by nanobodies. <i>ELife</i> , 2022, 11, . | 2.8 | 22 |
| 2 | Mutation of Serine protease 1 Induces Male Sterility in <i>Bombyx mori</i> . <i>Frontiers in Physiology</i> , 2022, 13, 828859. | 1.3 | 3 |
| 3 | BmPMFBP1 regulates the development of eupyrene sperm in the silkworm, <i>Bombyx mori</i> . <i>PLoS Genetics</i> , 2022, 18, e1010131. | 1.5 | 10 |
| 4 | Methods and tools for spatial mapping of single-cell RNAseq clusters in <i>Drosophila</i> . <i>Genetics</i> , 2021, 217, . | 1.2 | 10 |
| 5 | Mutation of <i>P</i> element somatic inhibitor induces male sterility in the diamondback moth, <i>Plutella xylostella</i> . <i>Pest Management Science</i> , 2021, 77, 3588-3596. | 1.7 | 2 |
| 6 | 5 α -Nucleotidase Plays a Key Role in Uric Acid Metabolism of <i>Bombyx mori</i> . <i>Cells</i> , 2021, 10, 2243. | 1.8 | 11 |
| 7 | MicroRNA ϵ 2738 regulates gene expression in the sex determination pathway in <i>Bombyx mori</i> . <i>Insect Science</i> , 2020, 27, 646-654. | 1.5 | 6 |
| 8 | Disruption of the <i>ovarian serine protease</i> (<i>Osp</i>) gene causes female sterility in <i>Bombyx mori</i> and <i>Spodoptera litura</i> . <i>Pest Management Science</i> , 2020, 76, 1245-1255. | 1.7 | 20 |
| 9 | Mutation of the seminal protease gene, serine protease 2, results in male sterility in diverse lepidopterans. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 116, 103243. | 1.2 | 28 |
| 10 | Mutation of <i>doublesex</i> in <i>Hyphantria cunea</i> results in sex-specific sterility. <i>Pest Management Science</i> , 2020, 76, 1673-1682. | 1.7 | 18 |
| 11 | Genomic landscape and genetic manipulation of the black soldier fly <i>Hermetia illucens</i> , a natural waste recycler. <i>Cell Research</i> , 2020, 30, 50-60. | 5.7 | 136 |
| 12 | Dysfunction of dimorphic sperm impairs male fertility in the silkworm. <i>Cell Discovery</i> , 2020, 6, 60. | 3.1 | 30 |
| 13 | miR-34 regulates larval growth and wing morphogenesis by directly modulating ecdysone signalling and cuticle protein in <i>Bombyx mori</i> . <i>RNA Biology</i> , 2020, 17, 1342-1351. | 1.5 | 20 |
| 14 | Regulation of olfactory-based sex behaviors in the silkworm by genes in the sex-determination cascade. <i>PLoS Genetics</i> , 2020, 16, e1008622. | 1.5 | 22 |
| 15 | <i>Gtsf1</i> is essential for proper female sex determination and transposon silencing in the silkworm, <i>Bombyx mori</i> . <i>PLoS Genetics</i> , 2020, 16, e1009194. | 1.5 | 20 |
| 16 | The <i>Masc</i> gene product controls masculinization in the black cutworm, <i>Agrotis ipsilon</i> . <i>Insect Science</i> , 2019, 26, 1037-1044. | 1.5 | 22 |
| 17 | CRISPR Disruption of <i>BmOvo</i> Resulted in the Failure of Emergence and Affected the Wing and Gonad Development in the Silkworm <i>Bombyx mori</i> . <i>Insects</i> , 2019, 10, 254. | 1.0 | 12 |
| 18 | Mutation of <i>doublesex</i> induces sex-specific sterility of the diamondback moth <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 112, 103180. | 1.2 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | CRISPR/Cas9-mediated <i>ebony</i> knockout results in puparium melanism in <i>Spodoptera litura</i> . <i>Insect Science</i> , 2019, 26, 1011-1019. | 1.5 | 21 |
| 20 | Maelstrom regulates spermatogenesis of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 109, 43-51. | 1.2 | 24 |
| 21 | Genome editing in insects: current status and challenges. <i>National Science Review</i> , 2019, 6, 399-401. | 4.6 | 18 |
| 22 | Intersex regulates female external genital and imaginal disc development in the silkworm. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 108, 1-8. | 1.2 | 17 |
| 23 | Identification of a germline expression promoter for genome editing in <i>Bombyx mori</i> . <i>Insect Science</i> , 2019, 26, 991-999. | 1.5 | 33 |
| 24 | CRISPR disruption of TCTP gene impaired normal development in the silkworm <i>Bombyx mori</i> . <i>Insect Science</i> , 2019, 26, 973-982. | 1.5 | 10 |
| 25 | MicroRNA-14 regulates larval development time in <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 93, 57-65. | 1.2 | 65 |
| 26 | Mass spider silk production through targeted gene replacement in <i>Bombyx mori</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8757-8762. | 3.3 | 105 |
| 27 | Transgenic Clustered Regularly Interspaced Short Palindromic Repeat/Cas9-Mediated Viral Gene Targeting for Antiviral Therapy of <i>Bombyx mori</i> Nucleopolyhedrovirus. <i>Journal of Virology</i> , 2017, 91, . | 1.5 | 57 |
| 28 | The FOXO transcription factor controls insect growth and development by regulating juvenile hormone degradation in the silkworm, <i>Bombyx mori</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 11659-11669. | 1.6 | 61 |
| 29 | Sexually dimorphic traits in the silkworm, <i>Bombyx mori</i> , are regulated by doublesex. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 80, 42-51. | 1.2 | 62 |
| 30 | <i>Bombyx mori</i> P-element Somatic Inhibitor (BmPSI) Is a Key Auxiliary Factor for Silkworm Male Sex Determination. <i>PLoS Genetics</i> , 2017, 13, e1006576. | 1.5 | 85 |
| 31 | Expansion of CRISPR targeting sites in <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 72, 31-40. | 1.2 | 45 |
| 32 | Functional characterization of Slit/BBP3 in <i>Spodoptera litura</i> by CRISPR/Cas9 mediated genome editing. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 75, 1-9. | 1.2 | 117 |
| 33 | CRISPR/Cas9-mediated targeted gene mutagenesis in <i>Spodoptera litura</i> . <i>Insect Science</i> , 2016, 23, 469-477. | 1.5 | 87 |
| 34 | Transgenic characterization of two testis-specific promoters in the silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2015, 24, 183-190. | 1.0 | 14 |
| 35 | Ectopic expression of ecdysone oxidase impairs tissue degeneration in <i>Bombyx mori</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150513. | 1.2 | 42 |
| 36 | MIR-2 family targets <i>awd</i> and <i>fng</i> to regulate wing morphogenesis in <i>Bombyx mori</i> . <i>RNA Biology</i> , 2015, 12, 742-748. | 1.5 | 59 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Enhancement of Larval RNAi Efficiency by Over-expressing <i>Argonaute2</i> in <i>Bombyx mori</i> . <i>International Journal of Biological Sciences</i> , 2015, 11, 176-185. | 2.6 | 37 |
| 38 | Functional characterization of the vitellogenin promoter in the silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2014, 23, 550-557. | 1.0 | 19 |
| 39 | Transcription activator-like effector nuclease (TALEN)-mediated female-specific sterility in the silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2014, 23, 800-807. | 1.0 | 41 |
| 40 | Site-specific, TALENs-mediated transformation of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 55, 26-30. | 1.2 | 25 |
| 41 | MicroRNA Let-7 regulates molting and metamorphosis in the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 53, 13-21. | 1.2 | 81 |
| 42 | CYP18A1 regulates tissue-specific steroid hormone inactivation in <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 54, 33-41. | 1.2 | 40 |
| 43 | Allelic-specific expression in relation to <i>Bombyx mori</i> resistance to Bt toxin. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 54, 53-60. | 1.2 | 9 |
| 44 | The CRISPR/Cas System mediates efficient genome engineering in <i>Bombyx mori</i> . <i>Cell Research</i> , 2013, 23, 1414-1416. | 5.7 | 242 |
| 45 | A Role of Arabidopsis Inositol Polyphosphate Kinase, AtIPK2, in Pollen Germination and Root Growth. <i>Plant Physiology</i> , 2005, 137, 94-103. | 2.3 | 49 |