

Jin Sun

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,196
citations

687363

13
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1675
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Optimized gene editing technology for <i>Drosophila melanogaster</i> using germ line-specific Cas9. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19012-19017. | 7.1 | 365 |
| 2 | Enhanced Specificity and Efficiency of the CRISPR/Cas9 System with Optimized sgRNA Parameters in <i>Drosophila</i> . Cell Reports, 2014, 9, 1151-1162. | 6.4 | 284 |
| 3 | Large-Scale Transgenic <i>Drosophila</i> Resource Collections for Loss- and Gain-of-Function Studies. Genetics, 2020, 214, 755-767. | 2.9 | 81 |
| 4 | Optimized strategy for in vivo Cas9-activation in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9409-9414. | 7.1 | 75 |
| 5 | Next-generation CRISPR/Cas9 transcriptional activation in <i>Drosophila</i> using flySAM. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4719-4724. | 7.1 | 52 |
| 6 | Protein competition switches the function of COP9 from self-renewal to differentiation. Nature, 2014, 514, 233-236. | 27.8 | 51 |
| 7 | A Toolkit of CRISPR-Based Genome Editing Systems in <i>Drosophila</i> . Journal of Genetics and Genomics, 2015, 42, 141-149. | 3.9 | 44 |
| 8 | An efficient and multiple target transgenic RNAi technique with low toxicity in <i>Drosophila</i> . Nature Communications, 2018, 9, 4160. | 12.8 | 43 |
| 9 | Performance of the Cas9 Nickase System in <i>Drosophila melanogaster</i> . G3: Genes, Genomes, Genetics, 2014, 4, 1955-1962. | 1.8 | 41 |
| 10 | Histone H1-mediated epigenetic regulation controls germline stem cell self-renewal by modulating H4K16 acetylation. Nature Communications, 2015, 6, 8856. | 12.8 | 34 |
| 11 | Prophylactic balloon occlusion of internal iliac arteries, common iliac arteries and infrarenal abdominal aorta in pregnancies complicated by placenta accreta: a retrospective cohort study. European Radiology, 2018, 28, 4959-4967. | 4.5 | 33 |
| 12 | Heterochromatin remodeling by CDK12 contributes to learning in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13988-13993. | 7.1 | 17 |
| 13 | Retrospective study of patients with cesarean scar pregnancies treated by uterine artery chemoembolization and curettage. International Journal of Gynecology and Obstetrics, 2018, 143, 172-177. | 2.3 | 15 |
| 14 | Histone H1 defect in escort cells triggers germline tumor in <i>Drosophila</i> ovary. Developmental Biology, 2017, 424, 40-49. | 2.0 | 14 |
| 15 | Genome editing in <i>Drosophila melanogaster</i> : from basic genome engineering to the multipurpose CRISPR-Cas9 system. Science China Life Sciences, 2017, 60, 476-489. | 4.9 | 12 |
| 16 | Perspectives on gene expression regulation techniques in <i>Drosophila</i> . Journal of Genetics and Genomics, 2019, 46, 213-220. | 3.9 | 6 |
| 17 | Defining gene networks controlling the maintenance and function of the differentiation niche by an <i>in vivo</i> systematic RNAi screen. Journal of Genetics and Genomics, 2019, 46, 19-30. | 3.9 | 6 |
| 18 | flySAM Transgenic CRISPRa System Manual. Bio-protocol, 2019, 9, e3147. | 0.4 | 5 |

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|----|--|-----|-----------|
| 19 | Enhanced Efficiency of flySAM by Optimization of sgRNA Parameters in <i>Drosophila</i> . G3: Genes, Genomes, Genetics, 2020, 10, 4483-4488. | 1.8 | 4 |
| 20 | HP1c regulates development and gut homeostasis by suppressing Notch signaling through Su(H). EMBO Reports, 2021, 22, e51298. | 4.5 | 4 |
| 21 | CRISPR-Cas9 Mediated Genome Editing in <i>Drosophila</i> . Bio-protocol, 2019, 9, e3141. | 0.4 | 4 |
| 22 | Intrauterine and extrauterine lithopedion following cesarean scar rupture. International Journal of Gynecology and Obstetrics, 2010, 109, 249-250. | 2.3 | 3 |
| 23 | pNP Transgenic RNAi System Manual in <i>Drosophila</i> . Bio-protocol, 2019, 9, e3158. | 0.4 | 3 |