# Ji-Feng Fei

List of Publications by Year
in descending order



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|---|---|---|---|
| 21 papers | 2,359 citations | 567144 15 h-index | 642610 23 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 3503 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The engine initiating tissue regeneration: does a common mechanism exist during evolution?. Cell Regeneration, 2021, 10, 12. | 1.1 | 13 |
| 2 | The use of transgenics in the laboratory axolotl. Developmental Dynamics, 2021, , . | 0.8 | 7 |
| 3 | Gene and transgenics nomenclature for the laboratory axolotlâ€" Ambystoma mexicanum. Developmental Dynamics, 2021, , . | 0.8 | 11 |
| 4 | Proline-rich protein PRR19 functions with cyclin-like CNTD1 to promote meiotic crossing over in mouse. Nature Communications, 2020, 11, 3101. | 5.8 | 25 |
| 5 | Development and Genome Sequencing of a Laboratory-Inbred Miniature Pig Facilitates Study of Human Diabetic Disease. IScience, 2019, 19, 162-176. | 1.9 | 31 |
| 6 | Direct Gene Knock-out of Axolotl Spinal Cord Neural Stem Cells via Electroporation of CAS9 Protein-gRNA Complexes. Journal of Visualized Experiments, 2019, , . | 0.2 | 4 |
| 7 | Mouse ANKRD31 Regulates Spatiotemporal Patterning of Meiotic Recombination Initiation and Ensures Recombination between X and Y Sex Chromosomes. Molecular Cell, 2019, 74, 1069-1085.e11. | 4.5 | 74 |
| 8 | The axolotl genome and the evolution of key tissue formation regulators. Nature, 2018, 554, 50-55. | 13.7 | 463 |
| 9 | Application and optimization of CRISPRâ€"Cas9-mediated genome engineering in axolotl (Ambystoma) Tj ETQq1 1 0.784314 rgBT /Ov | 5.5 | 34 |
| 10 | The enigmatic meiotic dense body and its newly discovered component, SCML1, are dispensable for fertility and gametogenesis in mice. Chromosoma, 2017, 126, 399-415. | 1.0 | 2 |
| 11 | Purified Cas9 Fusion Proteins for Advanced Genome Manipulation. Small Methods, 2017, 1, 1600052. | 4.6 | 11 |
| 12 | Efficient gene knockin in axolotl and its use to test the role of satellite cells in limb regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12501-12506. | 3.3 | 84 |
| 13 | Salamander spinal cord regeneration: The ultimate positive control in vertebrate spinal cord regeneration. Developmental Biology, 2017, 432, 63-71. | 0.9 | 75 |
| 14 | Tissue- and time-directed electroporation of CAS9 proteinâ€"gRNA complexes in vivo yields efficient multigene knockout for studying gene function in regeneration. Npj Regenerative Medicine, 2016, 1, 16002. | 2.5 | 29 |
| 15 | Sustained Pax6 Expression Generates Primate-like Basal Radial Glia in Developing Mouse Neocortex. PLoS Biology, 2015, 13, e1002217. | 2.6 | 93 |
| 16 | CRISPR-Mediated Genomic Deletion of Sox2 in the Axolotl Shows a Requirement in Spinal Cord Neural Stem Cell Amplification during Tail Regeneration. Stem Cell Reports, 2014, 3, 444-459. | 2.3 | 119 |
| 17 | 3â€² UTR-Dependent, miR-92-Mediated Restriction of Tis21 Expression Maintains Asymmetric Neural Stem Cell Division to Ensure Proper Neocortex Size. Cell Reports, 2014, 7, 398-411. | 2.9 | 42 |
| 18 | Nonselective Sister Chromatid Segregation in Mouse Embryonic Neocortical Precursor Cells. Cerebral Cortex, 2009, 19, i49-i54. | 1.6 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Single-cell detection of microRNAs in developing vertebrate embryos after acute administration of a dual-fluorescence reporter/sensor plasmid. BioTechniques, 2006, 41, 727-732. | 0.8 | 71 |
| 20 | MicroRNA Directs mRNA Cleavage of the Transcription Factor NAC1 to Downregulate Auxin Signals for Arabidopsis Lateral Root Development. Plant Cell, 2005, 17, 1376-1386. | 3.1 | 950 |
| 21 | A chemical-regulated inducible RNAi system in plants. Plant Journal, 2003, 34, 383-392. | 2.8 | 194 |