

# Ji-Feng Fei

## List of Publications by Year in descending order

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Version: 2024-02-01

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	MicroRNA Directs mRNA Cleavage of the Transcription Factor NAC1 to Downregulate Auxin Signals for Arabidopsis Lateral Root Development. <i>Plant Cell</i> , 2005, 17, 1376-1386.	3.1	950
2	The axolotl genome and the evolution of key tissue formation regulators. <i>Nature</i> , 2018, 554, 50-55.	13.7	463
3	A chemical-regulated inducible RNAi system in plants. <i>Plant Journal</i> , 2003, 34, 383-392.	2.8	194
4	CRISPR-Mediated Genomic Deletion of Sox2 in the Axolotl Shows a Requirement in Spinal Cord Neural Stem Cell Amplification during Tail Regeneration. <i>Stem Cell Reports</i> , 2014, 3, 444-459.	2.3	119
5	Sustained Pax6 Expression Generates Primate-like Basal Radial Glia in Developing Mouse Neocortex. <i>PLoS Biology</i> , 2015, 13, e1002217.	2.6	93
6	Efficient gene knockin in axolotl and its use to test the role of satellite cells in limb regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12501-12506.	3.3	84
7	Salamander spinal cord regeneration: The ultimate positive control in vertebrate spinal cord regeneration. <i>Developmental Biology</i> , 2017, 432, 63-71.	0.9	75
8	Mouse ANKRD31 Regulates Spatiotemporal Patterning of Meiotic Recombination Initiation and Ensures Recombination between X and Y Sex Chromosomes. <i>Molecular Cell</i> , 2019, 74, 1069-1085.e11.	4.5	74
9	Single-cell detection of microRNAs in developing vertebrate embryos after acute administration of a dual-fluorescence reporter/sensor plasmid. <i>BioTechniques</i> , 2006, 41, 727-732.	0.8	71
10	3' UTR-Dependent, miR-92-Mediated Restriction of Tis21 Expression Maintains Asymmetric Neural Stem Cell Division to Ensure Proper Neocortex Size. <i>Cell Reports</i> , 2014, 7, 398-411.	2.9	42
11	Application and optimization of CRISPR-Cas9-mediated genome engineering in axolotl ( <i>Ambystoma</i> ) Tj ETQq1 1.0, 784314, rgBT / Over	5.5	34
12	Development and Genome Sequencing of a Laboratory-Inbred Miniature Pig Facilitates Study of Human Diabetic Disease. <i>IScience</i> , 2019, 19, 162-176.	1.9	31
13	Tissue- and time-directed electroporation of CAS9 protein-gRNA complexes in vivo yields efficient multigene knockout for studying gene function in regeneration. <i>Npj Regenerative Medicine</i> , 2016, 1, 16002.	2.5	29
14	Proline-rich protein PRR19 functions with cyclin-like CNTD1 to promote meiotic crossing over in mouse. <i>Nature Communications</i> , 2020, 11, 3101.	5.8	25
15	Nonselective Sister Chromatid Segregation in Mouse Embryonic Neocortical Precursor Cells. <i>Cerebral Cortex</i> , 2009, 19, i49-i54.	1.6	18
16	The engine initiating tissue regeneration: does a common mechanism exist during evolution?. <i>Cell Regeneration</i> , 2021, 10, 12.	1.1	13
17	Purified Cas9 Fusion Proteins for Advanced Genome Manipulation. <i>Small Methods</i> , 2017, 1, 1600052.	4.6	11
18	Gene and transgenics nomenclature for the laboratory axolotl "Ambystoma mexicanum". <i>Developmental Dynamics</i> , 2021, . .	0.8	11

#	ARTICLE	IF	CITATIONS
19	The use of transgenics in the laboratory axolotl. <i>Developmental Dynamics</i> , 2021, , .	0.8	7
20	Direct Gene Knock-out of Axolotl Spinal Cord Neural Stem Cells via Electroporation of CAS9 Protein-gRNA Complexes. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
21	The enigmatic meiotic dense body and its newly discovered component, SCML1, are dispensable for fertility and gametogenesis in mice. <i>Chromosoma</i> , 2017, 126, 399-415.	1.0	2