

# Yiqiang Cui

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	1,222 citations	15 h-index	28 g-index
28 ext. papers	1,500 ext. citations	10.8 avg, IF	3.51 L-index

#	Paper	IF	Citations
25	Generation of gene-modified cynomolgus monkey via Cas9/RNA-mediated gene targeting in one-cell embryos. <i>Cell</i> , <b>2014</b> , 156, 836-43	56.2	764
24	CRISPR/Cas9-mediated Dax1 knockout in the monkey recapitulates human AHC-HH. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 7255-64	5.6	64
23	TCTE1 is a conserved component of the dynein regulatory complex and is required for motility and metabolism in mouse spermatozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E5370-E5378	11.5	47
22	An essential role for PNLDC1 in piRNA 3' end trimming and male fertility in mice. <i>Cell Research</i> , <b>2017</b> , 27, 1392-1396	24.7	44
21	Insights into the lysine acetylproteome of human sperm. <i>Journal of Proteomics</i> , <b>2014</b> , 109, 199-211	3.9	38
20	APOBEC3 induces mutations during repair of CRISPR-Cas9-generated DNA breaks. <i>Nature Structural and Molecular Biology</i> , <b>2018</b> , 25, 45-52	17.6	35
19	Generation of a precise Oct4-hrGFP knockin cynomolgus monkey model via CRISPR/Cas9-assisted homologous recombination. <i>Cell Research</i> , <b>2018</b> , 28, 383-386	24.7	29
18	Systematic analysis of the phosphoproteome and kinase-substrate networks in the mouse testis. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 3626-38	7.6	27
17	Sox30 initiates transcription of haploid genes during late meiosis and spermiogenesis in mouse testes. <i>Development (Cambridge)</i> , <b>2018</b> , 145,	6.6	23
16	Germline acquisition of Cas9/RNA-mediated gene modifications in monkeys. <i>Cell Research</i> , <b>2015</b> , 25, 262-5	24.7	23
15	2,2',4,4'-Tetrabromodiphenyl ether injures cell viability and mitochondrial function of mouse spermatocytes by decreasing mitochondrial proteins Atp5b and Uqcrc1. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 46, 301-310	5.8	21
14	CircAST: Full-length Assembly and Quantification of Alternatively Spliced Isoforms in Circular RNAs. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2019</b> , 17, 522-534	6.5	19
13	2,2',4,4'-Tetrabromodiphenyl ether disrupts spermatogenesis, impairs mitochondrial function and induces apoptosis of early leptotene spermatocytes in rats. <i>Reproductive Toxicology</i> , <b>2015</b> , 51, 114-24	3.4	18
12	Deficiency of TPPP2, a factor linked to oligoasthenozoospermia, causes subfertility in male mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 2583-2594	5.6	17
11	FBXO47 regulates telomere-inner nuclear envelope integration by stabilizing TRF2 during meiosis. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 11755-11770	20.1	16
10	The heat shock protein family gene in male mice is dispensable for fertility. <i>PeerJ</i> , <b>2020</b> , 8, e8702	3.1	7
9	SOX-5 activates a novel ROR $\gamma$ enhancer to facilitate experimental autoimmune encephalomyelitis by promoting Th17 cell differentiation. <i>Nature Communications</i> , <b>2021</b> , 12, 481	17.4	6

8	Proteomic Analysis of Dpy19l2-Deficient Human Globozoospermia Reveals Multiple Molecular Defects. <i>Proteomics - Clinical Applications</i> , <b>2019</b> , 13, e1900007	3.1	4
7	Single-cell RNA-Seq reveals a highly coordinated transcriptional program in mouse germ cells during primordial follicle formation. <i>Aging Cell</i> , <b>2021</b> , 20, e13424	9.9	4
6	Human X chromosome exome sequencing identifies as contributor to spermatogenesis. <i>Journal of Medical Genetics</i> , <b>2021</b> , 58, 56-65	5.8	4
5	PRSS55 plays an important role in the structural differentiation and energy metabolism of sperm and is required for male fertility in mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 2040-2051	5.6	4
4	The testis-specifically expressed gene is not essential for fertility in mice. <i>Journal of Biomedical Research</i> , <b>2020</b> , 35, 47-60	1.5	3
3	T-complex protein 1 subunit zeta-2 (CCT6B) deficiency induces murine teratospermia. <i>PeerJ</i> , <b>2021</b> , 9, e11545	3.1	2
2	TULP2, a New RNA-Binding Protein, Is Required for Mouse Spermatid Differentiation and Male Fertility. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 623738	5.7	1
1	Mebendazole-Induced Blood-Testis Barrier Injury in Mice Testes by Disrupting Microtubules in Addition to Triggering Programmed Cell Death.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1