

# Yuxuan Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11511019/publications.pdf>

Version: 2024-02-01

27  
papers

2,495  
citations

471509

17  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction of a Genetic Disease in Mouse via Use of CRISPR-Cas9. <i>Cell Stem Cell</i> , 2013, 13, 659-662.	11.1	541
2	Highly efficient therapeutic gene editing of human hematopoietic stem cells. <i>Nature Medicine</i> , 2019, 25, 776-783.	30.7	344
3	An APOBEC3A-Cas9 base editor with minimized bystander and off-target activities. <i>Nature Biotechnology</i> , 2018, 36, 977-982.	17.5	328
4	Correction of a genetic disease by CRISPR-Cas9-mediated gene editing in mouse spermatogonial stem cells. <i>Cell Research</i> , 2015, 25, 67-79.	12.0	209
5	Therapeutic base editing of human hematopoietic stem cells. <i>Nature Medicine</i> , 2020, 26, 535-541.	30.7	196
6	Dual base editor catalyzes both cytosine and adenine base conversions in human cells. <i>Nature Biotechnology</i> , 2020, 38, 856-860.	17.5	165
7	Genome editing of HBG1 and HBG2 to induce fetal hemoglobin. <i>Blood Advances</i> , 2019, 3, 3379-3392.	5.2	121
8	Variant-aware saturating mutagenesis using multiple Cas9 nucleases identifies regulatory elements at trait-associated loci. <i>Nature Genetics</i> , 2017, 49, 625-634.	21.4	96
9	CRISPR-Cas9-Mediated Genetic Screening in Mice with Haploid Embryonic Stem Cells Carrying a Guide RNA Library. <i>Cell Stem Cell</i> , 2015, 17, 221-232.	11.1	91
10	Increasing the efficiency and targeting range of cytidine base editors through fusion of a single-stranded DNA-binding protein domain. <i>Nature Cell Biology</i> , 2020, 22, 740-750.	10.3	69
11	<i>Arabidopsis</i> <i>PLC2</i> is involved in auxin-modulated reproductive development. <i>Plant Journal</i> , 2015, 84, 504-515.	5.7	57
12	Editing aberrant splice sites efficiently restores $\beta$ -globin expression in $\beta$ -thalassemia. <i>Blood</i> , 2019, 133, 2255-2262.	1.4	57
13	BCL11A enhancer-edited hematopoietic stem cells persist in rhesus monkeys without toxicity. <i>Journal of Clinical Investigation</i> , 2020, 130, 6677-6687.	8.2	54
14	Parthenogenetic haploid embryonic stem cells efficiently support mouse generation by oocyte injection. <i>Cell Research</i> , 2016, 26, 131-134.	12.0	38
15	CPK3-phosphorylated RhoGDI1 is essential in the development of <i>Arabidopsis</i> seedlings and leaf epidermal cells. <i>Journal of Experimental Botany</i> , 2013, 64, 3327-3338.	4.8	31
16	Histone deacetylation promotes mouse neural induction by restricting Nodal-dependent mesendoderm fate. <i>Nature Communications</i> , 2015, 6, 6830.	12.8	25
17	RopGEF2 is involved in ABA-suppression of seed germination and post-germination growth of <i>Arabidopsis</i> . <i>Plant Journal</i> , 2015, 84, 886-899.	5.7	23
18	Targeted genetic screening in mice through haploid embryonic stem cells identifies critical genes in bone development. <i>PLoS Biology</i> , 2019, 17, e3000350.	5.6	15

#	ARTICLE	IF	CITATIONS
19	5'-UTR SNP of FGF13 causes translational defect and intellectual disability. <i>ELife</i> , 2021, 10, .	6.0	9
20	Gene Editing ELANE in Human Hematopoietic Stem and Progenitor Cells Reveals Disease Mechanisms and Therapeutic Strategies for Severe Congenital Neutropenia. <i>Blood</i> , 2019, 134, 3-3.	1.4	8
21	DNAJB1-PRKACA in HEK293T cells induces LINC00473 overexpression that depends on PKA signaling. <i>PLoS ONE</i> , 2022, 17, e0263829.	2.5	6
22	Spermatogenic Cell-Specific Gene Mutation in Mice via CRISPR-Cas9. <i>Journal of Genetics and Genomics</i> , 2016, 43, 289-296.	3.9	5
23	Highly Efficient Therapeutic Gene Editing of BCL11A enhancer in Human Hematopoietic Stem Cells from $\alpha\gamma$ -Hemoglobinopathy Patients for Fetal Hemoglobin Induction. <i>Blood</i> , 2018, 132, 3482-3482.	1.4	2
24	Gonadal mosaicism mediated female-biased gender control in mice. <i>Protein and Cell</i> , 2022, 13, 863-868.	11.0	2
25	CRISPR-Cas9 Genome Editing of $\hat{\Gamma}^3$ -Globin Promoters in Human Hematopoietic Stem Cells to Induce Erythrocyte Fetal Hemoglobin for Treatment of $\hat{\Gamma}^2$ -Hemoglobinopathies. <i>Blood</i> , 2019, 134, 2066-2066.	1.4	1
26	Combined +58 and +55 <i>BCL11A</i> enhancer Editing Yields Exceptional Efficiency, Specificity and HbF Induction in Human and NHP Preclinical Models. <i>Blood</i> , 2021, 138, 1852-1852.	1.4	1
27	Comprehensive Integrated Genomic Perturbations Reveal Molecular Mechanisms of Red Blood Cell Trait Associations. <i>Blood</i> , 2018, 132, 532-532.	1.4	0