

Jia Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4427053/publications.pdf>

Version: 2024-02-01

26
papers

1,519
citations

535685

17
h-index

651938

25
g-index

30
all docs

30
docs citations

30
times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	Base editing with a Cpf1 cytidine deaminase fusion. <i>Nature Biotechnology</i> , 2018, 36, 324-327.	9.4	333
2	Efficient base editing in methylated regions with a human APOBEC3A-Cas9 fusion. <i>Nature Biotechnology</i> , 2018, 36, 946-949.	9.4	190
3	Efficient generation of mouse models of human diseases via ABE- and BE-mediated base editing. <i>Nature Communications</i> , 2018, 9, 2338.	5.8	120
4	Enhanced base editing by co-expression of free uracil DNA glycosylase inhibitor. <i>Cell Research</i> , 2017, 27, 1289-1292.	5.7	99
5	BE-PLUS: a new base editing tool with broadened editing window and enhanced fidelity. <i>Cell Research</i> , 2018, 28, 855-861.	5.7	99
6	Repair of naturally occurring mismatches can induce mutations in flanking DNA. <i>ELife</i> , 2014, 3, e02001.	2.8	80
7	Highly efficient and precise base editing in discarded human tripronuclear embryos. <i>Protein and Cell</i> , 2017, 8, 776-779.	4.8	68
8	Cas12a Base Editors Induce Efficient and Specific Editing with Low DNA Damage Response. <i>Cell Reports</i> , 2020, 31, 107723.	2.9	62
9	APOBEC: From mutator to editor. <i>Journal of Genetics and Genomics</i> , 2017, 44, 423-437.	1.7	54
10	Highly efficient prime editing by introducing same-sense mutations in pegRNA or stabilizing its structure. <i>Nature Communications</i> , 2022, 13, 1669.	5.8	52
11	Eliminating base-editor-induced genome-wide and transcriptome-wide off-target mutations. <i>Nature Cell Biology</i> , 2021, 23, 552-563.	4.6	50
12	Development and Application of Base Editors. <i>CRISPR Journal</i> , 2019, 2, 91-104.	1.4	46
13	APOBEC3 induces mutations during repair of CRISPR-Cas9-generated DNA breaks. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 45-52.	3.6	42
14	Genomic and Transcriptomic Analyses of Prime Editing Guide RNA-Independent Off-Target Effects by Prime Editors. <i>CRISPR Journal</i> , 2022, 5, 276-293.	1.4	31
15	Comparison of cytosine base editors and development of the BEable-GPS database for targeting pathogenic SNVs. <i>Genome Biology</i> , 2019, 20, 218.	3.8	23
16	One Prime for All Editing. <i>Cell</i> , 2019, 179, 1448-1450.	13.5	23
17	A Tale of Two Moieties: Rapidly Evolving CRISPR/Cas-Based Genome Editing. <i>Trends in Biochemical Sciences</i> , 2020, 45, 874-888.	3.7	23
18	Gene editing and its applications in biomedicine. <i>Science China Life Sciences</i> , 2022, 65, 660-700.	2.3	20

#	ARTICLE	IF	CITATIONS
19	Breaking bad: The mutagenic effect of DNA repair. <i>DNA Repair</i> , 2015, 32, 43-51.	1.3	19
20	Knockout of circRNAs by base editing back-splice sites of circularized exons. <i>Genome Biology</i> , 2022, 23, 16.	3.8	16
21	Excess TNF- α in the blood activates monocytes with the potential to directly form cholesteryl ester-laden cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 899-907.	0.9	15
22	Efficient base editing in G/C-rich regions to model androgen insensitivity syndrome. <i>Cell Research</i> , 2019, 29, 174-176.	5.7	15
23	RNA secondary structures located in the interchromosomal region of human ACAT1 chimeric mRNA are required to produce the 56-kDa isoform. <i>Cell Research</i> , 2008, 18, 921-936.	5.7	14
24	To BE or not to BE, that is the question. <i>Nature Biotechnology</i> , 2019, 37, 520-522.	9.4	11
25	ACAT1 regulates the dynamics of free cholesterol in plasma membrane which leads to the APP- β -processing alteration. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, gm101.	0.9	8
26	CRISPR Adventures in China. <i>CRISPR Journal</i> , 2021, 4, 304-306.	1.4	0