Jia Chen

List of Publications by Year
in descending order

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	Knockout of circRNAs by base editing back-splice sites of circularized exons. Genome Biology, 2022, 23, 16.	3.8	16
2	Highly efficient prime editing by introducing same-sense mutations in pegRNA or stabilizing its structure. Nature Communications, 2022, 13, 1669.	5.8	52
3	Genomic and Transcriptomic Analyses of Prime Editing Guide RNAâ€“Independent Off-Target Effects by Prime Editors. CRISPR Journal, 2022, 5, 276-293.	1.4	31
4	Gene editing and its applications in biomedicine. Science China Life Sciences, 2022, 65, 660-700.	2.3	20
5	Eliminating base-editor-induced genome-wide and transcriptome-wide off-target mutations. Nature Cell Biology, 2021, 23, 552-563.	4.6	50
6	CRISPR Adventures in China. CRISPR Journal, 2021, 4, 304-306.	1.4	0
7	Cas12a Base Editors Induce Efficient and Specific Editing with Low DNA Damage Response. Cell Reports, 2020, 31, 107723.	2.9	62
8	A Tale of Two Moieties: Rapidly Evolving CRISPR/Cas-Based Genome Editing. Trends in Biochemical Sciences, 2020, 45, 874-888.	3.7	23
9	Comparison of cytosine base editors and development of the BEable-GPS database for targeting pathogenic SNVs. Genome Biology, 2019, 20, 218.	3.8	23
10	To BE or not to BE, that is the question. Nature Biotechnology, 2019, 37, 520-522.	9.4	11
11	Development and Application of Base Editors. CRISPR Journal, 2019, 2, 91-104.	1.4	46
12	One Prime for All Editing. Cell, 2019, 179, 1448-1450.	13.5	23
13	Efficient base editing in G/C-rich regions to model androgen insensitivity syndrome. Cell Research, 2019, 29, 174-176.	5.7	15
14	Base editing with a Cpf1â€“cytidine deaminase fusion. Nature Biotechnology, 2018, 36, 324-327.	9.4	333
15	APOBEC3 induces mutations during repair of CRISPRâ€“Cas9-generated DNA breaks. Nature Structural and Molecular Biology, 2018, 25, 45-52.	3.6	42
16	Efficient base editing in methylated regions with a human APOBEC3A-Cas9 fusion. Nature Biotechnology, 2018, 36, 946-949.	9.4	190
17	BE-PLUS: a new base editing tool with broadened editing window and enhanced fidelity. Cell Research, 2018, 28, 855-861.	5.7	99
18	Efficient generation of mouse models of human diseases via ABE- and BE-mediated base editing. Nature Communications, 2018, 9, 2338.	5.8	120

#	Article	IF	Citations
19	Highly efficient and precise base editing in discarded human tripronuclear embryos. Protein and Cell, 2017, 8, 776-779.	4.8	68
20	Enhanced base editing by co-expression of free uracil DNA glycosylase inhibitor. Cell Research, 2017, 27, 1289-1292.	5.7	99
21	APOBEC: From mutator to editor. Journal of Genetics and Genomics, 2017, 44, 423-437.	1.7	54
22	Excess TNF-Î± in the blood activates monocytes with the potential to directly form cholesteryl ester-laden cells. Acta Biochimica Et Biophysica Sinica, 2015, 47, 899-907.	0.9	15
23	Breaking bad: The mutagenic effect of DNA repair. DNA Repair, 2015, 32, 43-51.	1.3	19
24	ACAT1 regulates the dynamics of free cholesterols in plasma membrane which leads to the APP-Î±-processing alteration. Acta Biochimica Et Biophysica Sinica, 2015, 47, gmv101.	0.9	8
25	Repair of naturally occurring mismatches can induce mutations in flanking DNA. ELife, 2014, 3, e02001.	2.8	80
26	RNA secondary structures located in the interchromosomal region of human ACAT1 chimeric mRNA are required to produce the 56-kDa isoform. Cell Research, 2008, 18, 921-936.	5.7	14