

Seung Woo Cho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1960052/publications.pdf>

Version: 2024-02-01

21
papers

10,628
citations

471061

17
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

18139
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted genome engineering in human cells with the Cas9 RNA-guided endonuclease. <i>Nature Biotechnology</i> , 2013, 31, 230-232.	9.4	1,653
2	An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues. <i>Nature Methods</i> , 2017, 14, 959-962.	9.0	1,653
3	Highly efficient RNA-guided genome editing in human cells via delivery of purified Cas9 ribonucleoproteins. <i>Genome Research</i> , 2014, 24, 1012-1019.	2.4	1,470
4	Analysis of off-target effects of CRISPR/Cas-derived RNA-guided endonucleases and nickases. <i>Genome Research</i> , 2014, 24, 132-141.	2.4	1,195
5	DNA-free genome editing in plants with preassembled CRISPR-Cas9 ribonucleoproteins. <i>Nature Biotechnology</i> , 2015, 33, 1162-1164.	9.4	975
6	The chromatin accessibility landscape of primary human cancers. <i>Science</i> , 2018, 362, .	6.0	781
7	CRISPRi-based genome-scale identification of functional long noncoding RNA loci in human cells. <i>Science</i> , 2017, 355, .	6.0	566
8	Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements. <i>Nature Genetics</i> , 2017, 49, 1602-1612.	9.4	419
9	Targeted genome editing in human cells with zinc finger nucleases constructed via modular assembly. <i>Genome Research</i> , 2009, 19, 1279-1288.	2.4	403
10	Promoter of lncRNA Gene PVT1 Is a Tumor-Suppressor DNA Boundary Element. <i>Cell</i> , 2018, 173, 1398-1412.e22.	13.5	362
11	Heritable Gene Knockout in <i>Caenorhabditis elegans</i> by Direct Injection of Cas9-sgRNA Ribonucleoproteins. <i>Genetics</i> , 2013, 195, 1177-1180.	1.2	237
12	Coupled Single-Cell CRISPR Screening and Epigenomic Profiling Reveals Causal Gene Regulatory Networks. <i>Cell</i> , 2019, 176, 361-376.e17.	13.5	215
13	ATAC-seq reveals the accessible genome by transposase-mediated imaging and sequencing. <i>Nature Methods</i> , 2016, 13, 1013-1020.	9.0	199
14	Site-directed mutagenesis in <i>Arabidopsis thaliana</i> using dividing tissue-targeted RGEN of the CRISPR/Cas system to generate heritable null alleles. <i>Planta</i> , 2015, 241, 271-284.	1.6	159
15	Surrogate reporter-based enrichment of cells containing RNA-guided Cas9 nuclease-induced mutations. <i>Nature Communications</i> , 2014, 5, 3378.	5.8	123
16	Cerebellar nuclei evolved by repeatedly duplicating a conserved cell-type set. <i>Science</i> , 2020, 370, .	6.0	123
17	Chromatin accessibility of circulating CD8+ T cells predicts treatment response to PD-1 blockade in patients with gastric cancer. <i>Nature Communications</i> , 2021, 12, 975.	5.8	26
18	Omni-ATAC-seq: Improved ATAC-seq protocol. <i>Protocol Exchange</i> , 0, , .	0.3	21

#	ARTICLE	IF	CITATIONS
19	CRISPRpic: fast and precise analysis for CRISPR-induced mutations via index counting . NAR Genomics and Bioinformatics, 2020, 2, lqaa012.	1.5	15
20	Precision targeting tumor cells using cancer-specific InDel mutations with CRISPR-Cas9. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	15
21	CRISPR engineering turns on genes. Nature, 2015, 517, 560-562.	13.7	1