

# Seung Woo Cho

## 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.

22  
papers

7,204  
citations

16  
h-index

25  
g-index

25  
ext. papers

9,208  
ext. citations

25.1  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
22	Targeted genome engineering in human cells with the Cas9 RNA-guided endonuclease. <i>Nature Biotechnology</i> , <b>2013</b> , 31, 230-2	44.5	1369
21	Highly efficient RNA-guided genome editing in human cells via delivery of purified Cas9 ribonucleoproteins. <i>Genome Research</i> , <b>2014</b> , 24, 1012-9	9.7	1085
20	Analysis of off-target effects of CRISPR/Cas-derived RNA-guided endonucleases and nickases. <i>Genome Research</i> , <b>2014</b> , 24, 132-41	9.7	966
19	An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues. <i>Nature Methods</i> , <b>2017</b> , 14, 959-962	21.6	727
18	DNA-free genome editing in plants with preassembled CRISPR-Cas9 ribonucleoproteins. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 1162-4	44.5	709
17	CRISPRi-based genome-scale identification of functional long noncoding RNA loci in human cells. <i>Science</i> , <b>2017</b> , 355,	33.3	404
16	The chromatin accessibility landscape of primary human cancers. <i>Science</i> , <b>2018</b> , 362,	33.3	392
15	Targeted genome editing in human cells with zinc finger nucleases constructed via modular assembly. <i>Genome Research</i> , <b>2009</b> , 19, 1279-88	9.7	344
14	Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements. <i>Nature Genetics</i> , <b>2017</b> , 49, 1602-1612	36.3	253
13	Promoter of lncRNA Gene PVT1 Is a Tumor-Suppressor DNA Boundary Element. <i>Cell</i> , <b>2018</b> , 173, 1398-1411	47.2	2226
12	Heritable gene knockout in <i>Caenorhabditis elegans</i> by direct injection of Cas9-sgRNA ribonucleoproteins. <i>Genetics</i> , <b>2013</b> , 195, 1177-80	4	199
11	ATAC-seq reveals the accessible genome by transposase-mediated imaging and sequencing. <i>Nature Methods</i> , <b>2016</b> , 13, 1013-1020	21.6	122
10	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> , <b>2015</b> , 241, 271-84	4.7	121
9	Coupled Single-Cell CRISPR Screening and Epigenomic Profiling Reveals Causal Gene Regulatory Networks. <i>Cell</i> , <b>2019</b> , 176, 361-376.e17	56.2	119
8	Surrogate reporter-based enrichment of cells containing RNA-guided Cas9 nuclease-induced mutations. <i>Nature Communications</i> , <b>2014</b> , 5, 3378	17.4	92
7	Cerebellar nuclei evolved by repeatedly duplicating a conserved cell-type set. <i>Science</i> , <b>2020</b> , 370,	33.3	43
6	Omni-ATAC-seq: Improved ATAC-seq protocol. <i>Protocol Exchange</i> ,		10

5	Cerebellar nuclei evolved by repeatedly duplicating a conserved cell type set		9
4	Chromatin accessibility of circulating CD8 T cells predicts treatment response to PD-1 blockade in patients with gastric cancer. <i>Nature Communications</i> , <b>2021</b> , 12, 975	17.4	8
3	CRISPRpic: fast and precise analysis for CRISPR-induced mutations via prefixed index counting. <i>NAR Genomics and Bioinformatics</i> , <b>2020</b> , 2, lqaa012	3.7	4
2	Genomics: CRISPR engineering turns on genes. <i>Nature</i> , <b>2015</b> , 517, 560-2	50.4	1
1	Coupled single-cell CRISPR screening and epigenomic profiling reveals causal gene regulatory networks		1