

Daesik Kim

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.

29
papers

4,950
citations

22
h-index

29
g-index

29
ext. papers

6,227
ext. citations

23.8
avg, IF

5.78
L-index

#	Paper	IF	Citations
29	Highly efficient RNA-guided genome editing in human cells via delivery of purified Cas9 ribonucleoproteins. <i>Genome Research</i> , 2014 , 24, 1012-9	9.7	1085
28	Digenome-seq: genome-wide profiling of CRISPR-Cas9 off-target effects in human cells. <i>Nature Methods</i> , 2015 , 12, 237-43, 1 p following 243	21.6	652
27	Correction of a pathogenic gene mutation in human embryos. <i>Nature</i> , 2017 , 548, 413-419	50.4	567
26	Genome-wide analysis reveals specificities of Cpf1 endonucleases in human cells. <i>Nature Biotechnology</i> , 2016 , 34, 863-8	44.5	445
25	In vivo genome editing with a small Cas9 orthologue derived from <i>Campylobacter jejuni</i> . <i>Nature Communications</i> , 2017 , 8, 14500	17.4	368
24	Highly efficient RNA-guided base editing in mouse embryos. <i>Nature Biotechnology</i> , 2017 , 35, 435-437	44.5	269
23	Directed evolution of CRISPR-Cas9 to increase its specificity. <i>Nature Communications</i> , 2018 , 9, 3048	17.4	220
22	Genome editing reveals a role for OCT4 in human embryogenesis. <i>Nature</i> , 2017 , 550, 67-73	50.4	210
21	Genome-wide target specificities of CRISPR RNA-guided programmable deaminases. <i>Nature Biotechnology</i> , 2017 , 35, 475-480	44.5	168
20	Genome-wide target specificities of CRISPR-Cas9 nucleases revealed by multiplex Digenome-seq. <i>Genome Research</i> , 2016 , 26, 406-15	9.7	141
19	Genome surgery using Cas9 ribonucleoproteins for the treatment of age-related macular degeneration. <i>Genome Research</i> , 2017 , 27, 419-426	9.7	100
18	Genotyping with CRISPR-Cas-derived RNA-guided endonucleases. <i>Nature Communications</i> , 2014 , 5, 3157	17.4	100
17	Genome-wide target specificity of CRISPR RNA-guided adenine base editors. <i>Nature Biotechnology</i> , 2019 , 37, 430-435	44.5	98
16	Highly efficient genome editing by CRISPR-Cpf1 using CRISPR RNA with a uridynylate-rich 3'doverhang. <i>Nature Communications</i> , 2018 , 9, 3651	17.4	81
15	Evaluating and Enhancing Target Specificity of Gene-Editing Nucleases and Deaminases. <i>Annual Review of Biochemistry</i> , 2019 , 88, 191-220	29.1	69
14	Long Terminal Repeat CRISPR-CAR-Coupled "Universal" T Cells Mediate Potent Anti-leukemic Effects. <i>Molecular Therapy</i> , 2018 , 26, 1215-1227	11.7	68
13	CRISPR-LbCpf1 prevents choroidal neovascularization in a mouse model of age-related macular degeneration. <i>Nature Communications</i> , 2018 , 9, 1855	17.4	52

12	Unbiased investigation of specificities of prime editing systems in human cells. <i>Nucleic Acids Research</i> , 2020 , 48, 10576-10589	20.1	48
11	DIG-seq: a genome-wide CRISPR off-target profiling method using chromatin DNA. <i>Genome Research</i> , 2018 , 28, 1894-1900	9.7	47
10	Functional Rescue of Dystrophin Deficiency in Mice Caused by Frameshift Mutations Using <i>Campylobacter jejuni</i> Cas9. <i>Molecular Therapy</i> , 2018 , 26, 1529-1538	11.7	45
9	Ma et al. reply. <i>Nature</i> , 2018 , 560, E10-E23	50.4	27
8	Response to "Unexpected mutations after CRISPR-Cas9 editing in vivo". <i>Nature Methods</i> , 2018 , 15, 239-240	21.6	22
7	Digenome-seq web tool for profiling CRISPR specificity. <i>Nature Methods</i> , 2017 , 14, 548-549	21.6	18
6	Application of prime editing to the correction of mutations and phenotypes in adult mice with liver and eye diseases. <i>Nature Biomedical Engineering</i> , 2021 ,	19	18
5	Efficient CRISPR editing with a hypercompact Cas12f1 and engineered guide RNAs delivered by adeno-associated virus. <i>Nature Biotechnology</i> , 2021 ,	44.5	13
4	Genome-wide specificity of dCpf1 cytidine base editors. <i>Nature Communications</i> , 2020 , 11, 4072	17.4	7
3	Protein Kinase A Catalytic Subunit Is a Molecular Switch that Promotes the Pro-tumoral Function of Macrophages. <i>Cell Reports</i> , 2020 , 31, 107643	10.6	5
2	Identifying genome-wide off-target sites of CRISPR RNA-guided nucleases and deaminases with Digenome-seq. <i>Nature Protocols</i> , 2021 , 16, 1170-1192	18.8	4
1	Highly efficient and safe genome editing by CRISPR-Cas12a using CRISPR RNA with a ribosyl-2dO-methylated uridinylate-rich 3doverhang in mouse zygotes. <i>Experimental and Molecular Medicine</i> , 2020 , 52, 1823-1830	12.8	3