

List of Publications by Year in
Descending Order

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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.

28 papers	1,329 citations	12 h-index	28 g-index
28 ext. papers	1,881 ext. citations	15.6 avg, IF	4.45 L-index

#	Paper	IF	Citations
28	Indiscriminate ssDNA cleavage activity of CRISPR-Cas12a induces no detectable off-target effects in mouse embryos. <i>Protein and Cell</i> , 2021 , 12, 741-745	7.2	5
27	Endogenous promoter-driven sgRNA for monitoring the expression of low-abundance transcripts and lncRNAs. <i>Nature Cell Biology</i> , 2021 , 23, 99-108	23.4	6
26	Optimization of C-to-G base editors with sequence context preference predictable by machine learning methods. <i>Nature Communications</i> , 2021 , 12, 4902	17.4	5
25	Perfecting Targeting in CRISPR. <i>Annual Review of Genetics</i> , 2021 , 55, 453-477	14.5	0
24	Effects of gut microbiota and fatty acid metabolism on dyslipidemia following weight-loss diets in women: Results from a randomized controlled trial. <i>Clinical Nutrition</i> , 2021 , 40, 5511-5520	5.9	0
23	A rationally engineered cytosine base editor retains high on-target activity while reducing both DNA and RNA off-target effects. <i>Nature Methods</i> , 2020 , 17, 600-604	21.6	47
22	In vivo ectopic Ngn1 and Neurod1 convert neonatal cochlear glial cells into spiral ganglion neurons. <i>FASEB Journal</i> , 2020 , 34, 4764-4782	0.9	8
21	Glia-to-Neuron Conversion by CRISPR-CasRx Alleviates Symptoms of Neurological Disease in Mice. <i>Cell</i> , 2020 , 181, 590-603.e16	56.2	134
20	Programmable C-to-U RNA editing using the human APOBEC3A deaminase. <i>EMBO Journal</i> , 2020 , 39, e104741	13	7
19	Integrative analysis reveals novel driver genes and molecular subclasses of hepatocellular carcinoma. <i>Aging</i> , 2020 , 12, 23849-23871	5.6	5
18	Kinase-substrate Edge Biomarkers Provide a More Accurate Prognostic Prediction in ER-negative Breast Cancer. <i>Genomics, Proteomics and Bioinformatics</i> , 2020 , 18, 525-538	6.5	
17	Single C-to-T substitution using engineered APOBEC3G-nCas9 base editors with minimum genome- and transcriptome-wide off-target effects. <i>Science Advances</i> , 2020 , 6, eaba1773	14.3	22
16	GOTI, a method to identify genome-wide off-target effects of genome editing in mouse embryos. <i>Nature Protocols</i> , 2020 , 15, 3009-3029	18.8	11
15	Integrated Omics of Metastatic Colorectal Cancer. <i>Cancer Cell</i> , 2020 , 38, 734-747.e9	24.3	38
14	Disruption of splicing-regulatory elements using CRISPR/Cas9 to rescue spinal muscular atrophy in human iPSCs and mice. <i>National Science Review</i> , 2020 , 7, 92-101	10.8	7
13	Human cleaving embryos enable robust homozygotic nucleotide substitutions by base editors. <i>Genome Biology</i> , 2019 , 20, 101	18.3	16
12	Cytosine base editor generates substantial off-target single-nucleotide variants in mouse embryos. <i>Science</i> , 2019 , 364, 289-292	33.3	381

11	Off-target RNA mutation induced by DNA base editing and its elimination by mutagenesis. <i>Nature</i> , 2019 , 571, 275-278	50.4	207
10	Reconstruction of kidney renal clear cell carcinoma evolution across pathological stages. <i>Scientific Reports</i> , 2018 , 8, 3339	4.9	2
9	In vivo simultaneous transcriptional activation of multiple genes in the brain using CRISPR-dCas9-activator transgenic mice. <i>Nature Neuroscience</i> , 2018 , 21, 440-446	25.5	124
8	Postoperative chemotherapy had no prognostic effect on early-staged young ovarian cancer with unilateral resection. <i>Cancer Medicine</i> , 2018 , 7, 5488-5496	4.8	3
7	Systematic analysis reveals molecular characteristics of ERG-negative prostate cancer. <i>Scientific Reports</i> , 2018 , 8, 12868	4.9	7
6	Global Prioritizing Disease Candidate lncRNAs via a Multi-level Composite Network. <i>Scientific Reports</i> , 2017 , 7, 39516	4.9	35
5	One-step generation of complete gene knockout mice and monkeys by CRISPR/Cas9-mediated gene editing with multiple sgRNAs. <i>Cell Research</i> , 2017 , 27, 933-945	24.7	110
4	CRISPR/Cas9-mediated targeted chromosome elimination. <i>Genome Biology</i> , 2017 , 18, 224	18.3	93
3	Highly efficient base editing in human tripronuclear zygotes. <i>Protein and Cell</i> , 2017 , 8, 772-775	7.2	44
2	The Safety of Ovarian Preservation in Stage I Endometrial Endometrioid Adenocarcinoma Based on Propensity Score Matching. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017 , 20, 647-655	1.3	7
1	High-fidelity base editor with no detectable genome-wide off-target effects		5