

Han Xu

List of Publications by Year in descending order

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15
papers

4,442
citations

687363

13
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996975

15
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docs citations

19
times ranked

9037
citing authors

#	ARTICLE	IF	CITATIONS
1	MAGeCK enables robust identification of essential genes from genome-scale CRISPR/Cas9 knockout screens. <i>Genome Biology</i> , 2014, 15, 554.	8.8	1,614
2	Computational correction of copy number effect improves specificity of CRISPR-Cas9 essentiality screens in cancer cells. <i>Nature Genetics</i> , 2017, 49, 1779-1784.	21.4	1,436
3	Sequence determinants of improved CRISPR sgRNA design. <i>Genome Research</i> , 2015, 25, 1147-1157.	5.5	514
4	Genomic Copy Number Dictates a Gene-Independent Cell Response to CRISPR/Cas9 Targeting. <i>Cancer Discovery</i> , 2016, 6, 914-929.	9.4	485
5	Complementary information derived from CRISPR Cas9 mediated gene deletion and suppression. <i>Nature Communications</i> , 2017, 8, 15403.	12.8	93
6	PRMT1 loss sensitizes cells to PRMT5 inhibition. <i>Nucleic Acids Research</i> , 2019, 47, 5038-5048.	14.5	69
7	CRISPR-DO for genome-wide CRISPR design and optimization. <i>Bioinformatics</i> , 2016, 32, 3336-3338.	4.1	46
8	De novo identification of essential protein domains from CRISPR-Cas9 tiling-sgRNA knockout screens. <i>Nature Communications</i> , 2019, 10, 4541.	12.8	44
9	Benchmarking CRISPR on-target sgRNA design. <i>Briefings in Bioinformatics</i> , 2018, 19, 721-724.	6.5	28
10	CARM1 inhibition reduces histone acetyltransferase activity causing synthetic lethality in CREBBP/EP300-mutated lymphomas. <i>Leukemia</i> , 2020, 34, 3269-3285.	7.2	28
11	PRMT7 ablation stimulates anti-tumor immunity and sensitizes melanoma to immune checkpoint blockade. <i>Cell Reports</i> , 2022, 38, 110582.	6.4	24
12	Systematic decomposition of sequence determinants governing CRISPR/Cas9 specificity. <i>Nature Communications</i> , 2022, 13, 474.	12.8	23
13	CRISPR-FOCUS: A web server for designing focused CRISPR screening experiments. <i>PLoS ONE</i> , 2017, 12, e0184281.	2.5	16
14	Systematic functional interrogation of human pseudogenes using CRISPRi. <i>Genome Biology</i> , 2021, 22, 240.	8.8	13
15	GuidePro: a multi-source ensemble predictor for prioritizing sgRNAs in CRISPR/Cas9 protein knockouts. <i>Bioinformatics</i> , 2021, 37, 134-136.	4.1	7