Han Xu

List of Publications by Year
in descending order

15 papers	4,442 citations	687363 13 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	9037 citing authors

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