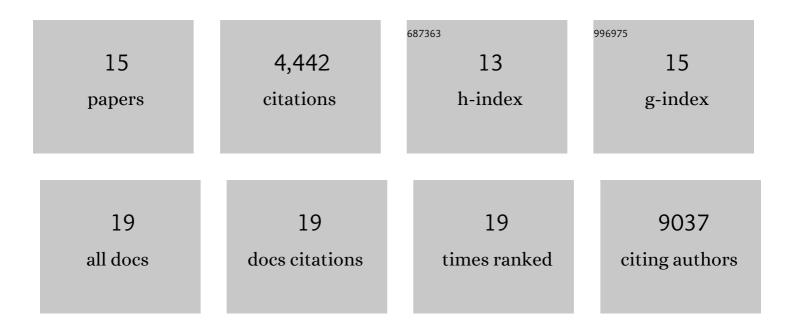


## List of Publications by Year in descending order

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HAN XU

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