

Mudra Hegde

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9350562/publications.pdf>

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11
papers

5,863
citations

840776

11
h-index

1281871

11
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21
all docs

21
docs citations

21
times ranked

10119
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9. Nature Biotechnology, 2016, 34, 184-191.	17.5	3,168
2	Rational design of highly active sgRNAs for CRISPR-Cas9-mediated gene inactivation. Nature Biotechnology, 2014, 32, 1262-1267.	17.5	1,351
3	Optimized libraries for CRISPR-Cas9 genetic screens with multiple modalities. Nature Communications, 2018, 9, 5416.	12.8	535
4	Orthologous CRISPR-Cas9 enzymes for combinatorial genetic screens. Nature Biotechnology, 2018, 36, 179-189.	17.5	216
5	Massively parallel assessment of human variants with base editor screens. Cell, 2021, 184, 1064-1080.e20.	28.9	175
6	Optimization of AsCas12a for combinatorial genetic screens in human cells. Nature Biotechnology, 2021, 39, 94-104.	17.5	96
7	Genetic screens in isogenic mammalian cell lines without single cell cloning. Nature Communications, 2020, 11, 752.	12.8	83
8	Genome-wide In Vivo CNS Screening Identifies Genes that Modify CNS Neuronal Survival and mHTT Toxicity. Neuron, 2020, 106, 76-89.e8.	8.1	62
9	Creation of Novel Protein Variants with CRISPR/Cas9-Mediated Mutagenesis: Turning a Screening By-Product into a Discovery Tool. PLoS ONE, 2017, 12, e0170445.	2.5	50
10	Uncoupling of sgRNAs from their associated barcodes during PCR amplification of combinatorial CRISPR screens. PLoS ONE, 2018, 13, e0197547.	2.5	37
11	Benchmarking of SpCas9 variants enables deeper base editor screens of BRCA1 and BCL2. Nature Communications, 2022, 13, 1318.	12.8	25