

Mudra Hegde

List of Publications by Year in descending order

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

Version: 2024-02-01

11
papers

5,863
citations

840776

11
h-index

1281871

11
g-index

21
all docs

21
docs citations

21
times ranked

10119
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking of SpCas9 variants enables deeper base editor screens of BRCA1 and BCL2. Nature Communications, 2022, 13, 1318.	12.8	25
2	Optimization of AsCas12a for combinatorial genetic screens in human cells. Nature Biotechnology, 2021, 39, 94-104.	17.5	96
3	Massively parallel assessment of human variants with base editor screens. Cell, 2021, 184, 1064-1080.e20.	28.9	175
4	Genetic screens in isogenic mammalian cell lines without single cell cloning. Nature Communications, 2020, 11, 752.	12.8	83
5	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
6	Orthologous CRISPR-Cas9 enzymes for combinatorial genetic screens. Nature Biotechnology, 2018, 36, 179-189.	17.5	216
7	Optimized libraries for CRISPR-Cas9 genetic screens with multiple modalities. Nature Communications, 2018, 9, 5416.	12.8	535
8	Uncoupling of sgRNAs from their associated barcodes during PCR amplification of combinatorial CRISPR screens. PLoS ONE, 2018, 13, e0197547.	2.5	37
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	Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9. Nature Biotechnology, 2016, 34, 184-191.	17.5	3,168
11	Rational design of highly active sgRNAs for CRISPR-Cas9-mediated gene inactivation. Nature Biotechnology, 2014, 32, 1262-1267.	17.5	1,351