

Justin D Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8655079/publications.pdf>

Version: 2024-02-01

15
papers

1,022
citations

623734

14
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1571
citing authors

#	ARTICLE	IF	CITATIONS
1	The chaperone-binding activity of the mitochondrial surface receptor Tom70 protects the cytosol against mitoprotein-induced stress. <i>Cell Reports</i> , 2021, 35, 108936.	6.4	47
2	CRISPR-Cas9 Gene Editing in Yeast: A Molecular Biology and Bioinformatics Laboratory Module for Undergraduate and High School Students. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	1.0	2
3	Target-dependent nickase activities of the CRISPR-Cas nucleases Cpf1 and Cas9. <i>Nature Microbiology</i> , 2019, 4, 888-897.	13.3	49
4	Improved discovery of genetic interactions using CRISPRiSeq across multiple environments. <i>Genome Research</i> , 2019, 29, 668-681.	5.5	34
5	Functional Genetic Variants Revealed by Massively Parallel Precise Genome Editing. <i>Cell</i> , 2018, 175, 544-557.e16.	28.9	166
6	Multiplexed precision genome editing with trackable genomic barcodes in yeast. <i>Nature Biotechnology</i> , 2018, 36, 512-520.	17.5	138
7	A method for high-throughput production of sequence-verified <i>sc</i> DNA libraries and strain collections. <i>Molecular Systems Biology</i> , 2017, 13, 913.	7.2	41
8	Transcriptional reprogramming in yeast using dCas9 and combinatorial gRNA strategies. <i>Microbial Cell Factories</i> , 2017, 16, 46.	4.0	102
9	Quantitative analysis of protein interaction network dynamics in yeast. <i>Molecular Systems Biology</i> , 2017, 13, 934.	7.2	41
10	Distinct patterns of Cas9 mismatch tolerance <i>in vitro</i> and <i>in vivo</i> . <i>Nucleic Acids Research</i> , 2016, 44, 5365-5377.	14.5	62
11	Quantitative CRISPR interference screens in yeast identify chemical-genetic interactions and new rules for guide RNA design. <i>Genome Biology</i> , 2016, 17, 45.	8.8	165
12	Dissecting the Genetic Basis of a Complex cis-Regulatory Adaptation. <i>PLoS Genetics</i> , 2015, 11, e1005751.	3.5	30
13	Whole-Genome Sequencing of the World's Oldest People. <i>PLoS ONE</i> , 2014, 9, e112430.	2.5	57
14	A Novel Test for Selection on cis-Regulatory Elements Reveals Positive and Negative Selection Acting on Mammalian Transcriptional Enhancers. <i>Molecular Biology and Evolution</i> , 2013, 30, 2509-2518.	8.9	25
15	Evolution of Programmable Zinc Finger-recombinases with Activity in Human Cells. <i>Journal of Molecular Biology</i> , 2007, 367, 802-813.	4.2	60