

Lun Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/434129/publications.pdf>

Version: 2024-02-01

14
papers

1,108
citations

933447

10
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

1466
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of Cas9 cleavage in the chromosome of <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2016, 44, 4243-4251.	14.5	225
2	A CRISPRi screen in <i>E. coli</i> reveals sequence-specific toxicity of dCas9. <i>Nature Communications</i> , 2018, 9, 1912.	12.8	203
3	One-Step Cloning and Chromosomal Integration of DNA. <i>ACS Synthetic Biology</i> , 2013, 2, 537-541.	3.8	189
4	Genome-wide CRISPR-dCas9 screens in <i>E. coli</i> identify essential genes and phage host factors. <i>PLoS Genetics</i> , 2018, 14, e1007749.	3.5	163
5	Tuning dCas9's ability to block transcription enables robust, noiseless knockdown of bacterial genes. <i>Molecular Systems Biology</i> , 2018, 14, e7899.	7.2	92
6	Inhibition of NHEJ repair by type II-A CRISPR-Cas systems in bacteria. <i>Nature Communications</i> , 2017, 8, 2094.	12.8	77
7	Quantitation of the DNA tethering effect in long-range DNA looping in vivo and in vitro using the Lac and λ repressors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 349-354.	7.1	47
8	On-target activity predictions enable improved CRISPR-dCas9 screens in bacteria. <i>Nucleic Acids Research</i> , 2020, 48, e64-e64.	14.5	43
9	Enhancer-like long-range transcriptional activation by λ CI-mediated DNA looping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2922-2927.	7.1	34
10	Lipoprotein DolP supports proper folding of BamA in the bacterial outer membrane promoting fitness upon envelope stress. <i>ELife</i> , 2021, 10, .	6.0	15
11	Clonetegration Using OSIP Plasmids: One-Step DNA Assembly and Site-Specific Genomic Integration in Bacteria. <i>Methods in Molecular Biology</i> , 2017, 1472, 139-155.	0.9	6
12	Bacteriophage lambda repressor mediates the formation of a complex enhancer-like structure. <i>Transcription</i> , 2013, 4, 201-205.	3.1	3
13	Repurposing site-specific recombinases for synthetic biology. <i>Future Microbiology</i> , 2013, 8, 1361-1364.	2.0	1
14	Long-Range DNA Looping in the Lambda Genetic Switch. <i>Biophysical Journal</i> , 2014, 106, 626a.	0.5	0