

# 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

933264

10  
h-index

1125617

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipoprotein DolP supports proper folding of BamA in the bacterial outer membrane promoting fitness upon envelope stress. <i>ELife</i> , 2021, 10, .	2.8	15
2	On-target activity predictions enable improved CRISPR-dCas9 screens in bacteria. <i>Nucleic Acids Research</i> , 2020, 48, e64-e64.	6.5	43
3	Tuning dCas9's ability to block transcription enables robust, noiseless knockdown of bacterial genes. <i>Molecular Systems Biology</i> , 2018, 14, e7899.	3.2	92
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.	1.5	163
5	A CRISPRi screen in <i>E. coli</i> reveals sequence-specific toxicity of dCas9. <i>Nature Communications</i> , 2018, 9, 1912.	5.8	203
6	Inhibition of NHEJ repair by type II-A CRISPR-Cas systems in bacteria. <i>Nature Communications</i> , 2017, 8, 2094.	5.8	77
7	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.	0.4	6
8	Consequences of Cas9 cleavage in the chromosome of <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2016, 44, 4243-4251.	6.5	225
9	Quantitation of the DNA tethering effect in long-range DNA looping in vivo and in vitro using the Lac and $\lambda$ repressors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 349-354.	3.3	47
10	Long-Range DNA Looping in the Lambda Genetic Switch. <i>Biophysical Journal</i> , 2014, 106, 626a.	0.2	0
11	Enhancer-like long-range transcriptional activation by $\lambda$ CI-mediated DNA looping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2922-2927.	3.3	34
12	One-Step Cloning and Chromosomal Integration of DNA. <i>ACS Synthetic Biology</i> , 2013, 2, 537-541.	1.9	189
13	Repurposing site-specific recombinases for synthetic biology. <i>Future Microbiology</i> , 2013, 8, 1361-1364.	1.0	1
14	Bacteriophage lambda repressor mediates the formation of a complex enhancer-like structure. <i>Transcription</i> , 2013, 4, 201-205.	1.7	3