Wenyan Jiang

List of Publications by Year
in descending order

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15 papers	18,170 citations	567281 15 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	26733 citing authors

#	Article	IF	Citations
1	Multiplex Genome Engineering Using CRISPR/Cas Systems. Science, 2013, 339, 819-823.	12.6	12,725
2	RNA-guided editing of bacterial genomes using CRISPR-Cas systems. Nature Biotechnology, 2013, 31, 233-239.	17.5	2,071
3	Programmable repression and activation of bacterial gene expression using an engineered CRISPR-Cas system. Nucleic Acids Research, 2013, 41, 7429-7437.	14.5	960
4	Exploiting CRISPR-Cas nucleases to produce sequence-specific antimicrobials. Nature Biotechnology, 2014, 32, 1146-1150.	17.5	718
5	Co-transcriptional DNA and RNA Cleavage during Type III CRISPR-Cas Immunity. Cell, 2015, 161, 1164-1174.	28.9	367
6	Conditional tolerance of temperate phages via transcription-dependent CRISPR-Cas targeting. Nature, 2014, 514, 633-637.	27.8	257
7	Dealing with the Evolutionary Downside of CRISPR Immunity: Bacteria and Beneficial Plasmids. PLoS Genetics, 2013, 9, e1003844.	3.5	227
8	Degradation of Phage Transcripts by CRISPR-Associated RNases Enables Type III CRISPR-Cas Immunity. Cell, 2016, 164, 710-721.	28.9	194
9	CRISPR-Cas: New Tools for Genetic Manipulations from Bacterial Immunity Systems. Annual Review of Microbiology, 2015, 69, 209-228.	7.3	160
10	CRISPRâ€“Cas systems exploit viral DNA injection to establish and maintain adaptive immunity. Nature, 2017, 544, 101-104.	27.8	140
11	A Ruler Protein in a Complex for Antiviral Defense Determines the Length of Small Interfering CRISPR RNAs. Journal of Biological Chemistry, 2013, 288, 27888-27897.	3.4	123
12	Prokaryotic single-cell RNA sequencing by in situ combinatorial indexing. Nature Microbiology, 2020, 5, 1192-1201.	13.3	103
13	Impact of Different Target Sequences on Type III CRISPR-Cas Immunity. Journal of Bacteriology, 2016, 198, 941-950.	2.2	46
14	Incomplete prophage tolerance by type III-A CRISPR-Cas systems reduces the fitness of lysogenic hosts. Nature Communications, 2018, 9, 61.	12.8	37
15	Comprehensive Genome-wide Perturbations via CRISPR Adaptation Reveal Complex Genetics of Antibiotic Sensitivity. Cell, 2020, 180, 1002-1017.e31.	28.9	36