

Le Cong

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

22,181
citations

331670

21
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

33582
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplex Genome Engineering Using CRISPR/Cas Systems. <i>Science</i> , 2013, 339, 819-823.	12.6	12,725
2	In vivo genome editing using <i>Staphylococcus aureus</i> Cas9. <i>Nature</i> , 2015, 520, 186-191.	27.8	2,237
3	MAGeCK enables robust identification of essential genes from genome-scale CRISPR/Cas9 knockout screens. <i>Genome Biology</i> , 2014, 15, 554.	8.8	1,614
4	In vivo gene editing in dystrophic mouse muscle and muscle stem cells. <i>Science</i> , 2016, 351, 407-411.	12.6	889
5	Optical control of mammalian endogenous transcription and epigenetic states. <i>Nature</i> , 2013, 500, 472-476.	27.8	733
6	Efficient construction of sequence-specific TAL effectors for modulating mammalian transcription. <i>Nature Biotechnology</i> , 2011, 29, 149-153.	17.5	708
7	A transcription activator-like effector toolbox for genome engineering. <i>Nature Protocols</i> , 2012, 7, 171-192.	12.0	568
8	Sequence determinants of improved CRISPR sgRNA design. <i>Genome Research</i> , 2015, 25, 1147-1157.	5.5	514
9	Crystal Structure of <i>Staphylococcus aureus</i> Cas9. <i>Cell</i> , 2015, 162, 1113-1126.	28.9	357
10	A Distinct Gene Module for Dysfunction Uncoupled from Activation in Tumor-Infiltrating T Cells. <i>Cell</i> , 2016, 166, 1500-1511.e9.	28.9	315
11	Comprehensive interrogation of natural TALE DNA-binding modules and transcriptional repressor domains. <i>Nature Communications</i> , 2012, 3, 968.	12.8	291
12	Genome Engineering Using CRISPR-Cas9 System. <i>Methods in Molecular Biology</i> , 2015, 1239, 197-217.	0.9	262
13	Genome-scale promoter engineering by coselection MAGE. <i>Nature Methods</i> , 2012, 9, 591-593.	19.0	207
14	Conventional type I dendritic cells maintain a reservoir of proliferative tumor-antigen specific TCF-1+ CD8+ T _H cells in tumor-draining lymph nodes. <i>Immunity</i> , 2021, 54, 2338-2353.e6.	14.3	111
15	Adeno-associated viral vector-mediated immune responses: Understanding barriers to gene delivery. , 2020, 207, 107453.		108
16	Efficient Generation of Transcriptomic Profiles by Random Composite Measurements. <i>Cell</i> , 2017, 171, 1424-1436.e18.	28.9	95
17	RBPJ Controls Development of Pathogenic Th17 Cells by Regulating IL-23 Receptor Expression. <i>Cell Reports</i> , 2016, 16, 392-404.	6.4	87
18	Global microRNA depletion suppresses tumor angiogenesis. <i>Genes and Development</i> , 2014, 28, 1054-1067.	5.9	66

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19	IL-33 Signaling Alters Regulatory T Cell Diversity in Support of Tumor Development. <i>Cell Reports</i> , 2019, 29, 2998-3008.e8.	6.4	53
20	Crystal Structures of Two Coronavirus ADP-Ribose-1 ^{â€} 3-Monophosphatases and Their Complexes with ADP-Ribose: a Systematic Structural Analysis of the Viral ADRP Domain. <i>Journal of Virology</i> , 2009, 83, 1083-1092.	3.4	52
21	A Functional Taxonomy of Tumor Suppression in Oncogenic KRAS ^{â€} Driven Lung Cancer. <i>Cancer Discovery</i> , 2021, 11, 1754-1773.	9.4	35
22	Combined Computational ^{â€} Experimental Approach to Explore the Molecular Mechanism of SaCas9 with a Broadened DNA Targeting Range. <i>Journal of the American Chemical Society</i> , 2019, 141, 6545-6552.	13.7	31
23	dCas9-based gene editing for cleavage-free genomic knock-in of long sequences. <i>Nature Cell Biology</i> , 2022, 24, 268-278.	10.3	24
24	Microbial single-strand annealing proteins enable CRISPR gene-editing tools with improved knock-in efficiencies and reduced off-target effects. <i>Nucleic Acids Research</i> , 2021, 49, e36-e36.	14.5	17
25	Deciphering pathogenicity of variants of uncertain significance with CRISPR-edited iPSCs. <i>Trends in Genetics</i> , 2021, 37, 1109-1123.	6.7	14
26	Definitive localization of intracellular proteins: Novel approach using CRISPR-Cas9 genome editing, with glucose 6-phosphate dehydrogenase as a model. <i>Analytical Biochemistry</i> , 2016, 494, 55-67.	2.4	7
27	CRISPR: Groundbreaking technology for RNA-guided genome engineering. <i>Analytical Biochemistry</i> , 2017, 532, 87-89.	2.4	3
28	CRISPR-Cas12a System With Synergistic Phage Recombination Proteins for Multiplex Precision Editing in Human Cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 9, .	3.7	3
29	Purification, crystallization and preliminary crystallographic analysis of avian infectious bronchitis virus nsp3 ADRP domain. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 802-804.	0.7	1
30	Abstract A10: A distinct gene module for T cell dysfunction uncoupled from T cell activation and controlled by metallothioneins. , 2017, , .		1
31	CRISPR/Cas9 Gene Targeting. <i>Stem Cells and Development</i> , 2019, 28, 709-709.	2.1	0
32	A CRISPR Landing for Genome Rewriting at Locus-Scale. <i>CRISPR Journal</i> , 2021, 4, 163-166.	2.9	0
33	Editorial: CRISPR and alternative approaches. <i>Biotechnology Journal</i> , 2022, 17, .	3.5	0