

Silvana Konermann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10389059/publications.pdf>

Version: 2024-02-01

14
papers

17,429
citations

687363

13
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

21790
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA targeting specificity of RNA-guided Cas9 nucleases. <i>Nature Biotechnology</i> , 2013, 31, 827-832.	17.5	3,953
2	Double Nicking by RNA-Guided CRISPR Cas9 for Enhanced Genome Editing Specificity. <i>Cell</i> , 2013, 154, 1380-1389.	28.9	2,862
3	Genome-scale transcriptional activation by an engineered CRISPR-Cas9 complex. <i>Nature</i> , 2015, 517, 583-588.	27.8	2,272
4	Crystal Structure of Cas9 in Complex with Guide RNA and Target DNA. <i>Cell</i> , 2014, 156, 935-949.	28.9	1,690
5	C2c2 is a single-component programmable RNA-guided RNA-targeting CRISPR effector. <i>Science</i> , 2016, 353, aaf5573.	12.6	1,647
6	Discovery and Functional Characterization of Diverse Class 2 CRISPR-Cas Systems. <i>Molecular Cell</i> , 2015, 60, 385-397.	9.7	971
7	Genome-scale CRISPR-Cas9 knockout and transcriptional activation screening. <i>Nature Protocols</i> , 2017, 12, 828-863.	12.0	858
8	Genome-wide binding of the CRISPR endonuclease Cas9 in mammalian cells. <i>Nature Biotechnology</i> , 2014, 32, 670-676.	17.5	829
9	Transcriptome Engineering with RNA-Targeting Type VI-D CRISPR Effectors. <i>Cell</i> , 2018, 173, 665-676.e14.	28.9	789
10	Optical control of mammalian endogenous transcription and epigenetic states. <i>Nature</i> , 2013, 500, 472-476.	27.8	733
11	Genome-scale activation screen identifies a lncRNA locus regulating a gene neighbourhood. <i>Nature</i> , 2017, 548, 343-346.	27.8	336
12	Orthogonal gene knockout and activation with a catalytically active Cas9 nuclease. <i>Nature Biotechnology</i> , 2015, 33, 1159-1161.	17.5	231
13	Structural Basis for the RNA-Guided Ribonuclease Activity of CRISPR-Cas13d. <i>Cell</i> , 2018, 175, 212-223.e17.	28.9	195
14	CloneSifter: enrichment of rare clones from heterogeneous cell populations. <i>BMC Biology</i> , 2020, 18, 177.	3.8	12