Shuliang Chen

List of Publications by Year
in descending order

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25 papers	1,204 citations	516710 16 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1847 citing authors

#	Article	IF	Citations
1	Genome editing of CXCR4 by CRISPR/cas9 confers cells resistant to HIV-1 infection. Scientific Reports, 2015, 5, 15577.	3.3	172
2	The tumor suppressor PTEN has a critical role in antiviral innate immunity. Nature Immunology, 2016, 17, 241-249.	14.5	138
3	Inhibition of hepatitis B virus by the CRISPR/Cas9 system via targeting the conserved regions of the viral genome. Journal of General Virology, 2015, 96, 2252-2261.	2.9	132
4	Application of CRISPR/Cas9-Based Gene Editing in HIV-1/AIDS Therapy. Frontiers in Cellular and Infection Microbiology, 2019, 9, 69.	3.9	112
5	Genome editing of the HIV co-receptors CCR5 and CXCR4 by CRISPR-Cas9 protects CD4+ T cells from HIV-1 infection. Cell and Bioscience, 2017, 7, 47.	4.8	108
6	A Genome-Wide CRISPR Screen Identifies Genes Critical for Resistance to FLT3 Inhibitor AC220. Cancer Research, 2017, 77, 4402-4413.	0.9	66
7	PfAgo-based detection of SARS-CoV-2. Biosensors and Bioelectronics, 2021, 177, 112932.	10.1	66
8	A novel selective autophagy receptor, CCDC50, delivers K63Âpolyubiquitination-activated RIG-I/MDA5 for degradation during viral infection. Cell Research, 2021, 31, 62-79.	12.0	55
9	Genome modification of CXCR4 by Staphylococcus aureus Cas9 renders cells resistance to HIV-1 infection. Retrovirology, 2017, 14, 51.	2.0	36
10	CCR5 editing by Staphylococcus aureus Cas9 in human primary CD4+ T cells and hematopoietic stem/progenitor cells promotes HIV-1 resistance and CD4+ T cell enrichment in humanized mice. Retrovirology, 2019, 16, 15.	2.0	36
11	Genome scale screening identification of SaCas9/gRNAs for targeting HIV-1 provirus and suppression of HIV-1 infection. Virus Research, 2018, 250, 21-30.	2.2	35
12	CRISPR-Cas Targeting of Host Genes as an Antiviral Strategy. Viruses, 2018, 10, 40.	3.3	35
13	HIV-1 inhibition in cells with CXCR4 mutant genome created by CRISPR-Cas9 and piggyBac recombinant technologies. Scientific Reports, 2018, 8, 8573.	3.3	32
14	SAMHD1 Suppression of Antiviral Immune Responses. Trends in Microbiology, 2019, 27, 254-267.	7.7	32
15	CRISPR/Cas9-mediated deletion of miR-146a enhances antiviral response in HIV-1 infected cells. Genes and Immunity, 2019, 20, 327-337.	4.1	28
16	ZBRK1, a novel tumor suppressor, activates VHL gene transcription through formation of a complex with VHL and p300 in renal cancer. Oncotarget, 2015, 6, 6959-6976.	1.8	23
17	Genome editing of CCR5 by AsCpf1 renders CD4+T cells resistance to HIV-1 infection. Cell and Bioscience, 2020, 10, 85.	4.8	17
18	The sumoylation of zinc-fingers and homeoboxes 1 (ZHX1) by ubc9 regulates its stability and transcriptional repression activity. Journal of Cellular Biochemistry, 2013, 114, 2323-2333.	2.6	14

#	Article	IF	Citations
19	Ubiquitin ligase Fbw7 restricts the replication of hepatitis C virus by targeting NS5B for ubiquitination and degradation. Biochemical and Biophysical Research Communications, 2016, 470, 697-703.	2.1	13
20	VHL negatively regulates SARS coronavirus replication by modulating nsp16 ubiquitination and stability. Biochemical and Biophysical Research Communications, 2015, 459, 270-276.	2.1	12
21	Immune regulator ABIN1 suppresses HIV-1 transcription by negatively regulating the ubiquitination of Tat. Retrovirology, 2017, 14, 12.	2.0	12
22	The Polar Region of the HIV-1 Envelope Protein Determines Viral Fusion and Infectivity by Stabilizing the gp120-gp41 Association. Journal of Virology, 2019, 93, .	3.4	9
23	Updates on CRISPR-based gene editing in HIV-1/AIDS therapy. Virologica Sinica, 2022, 37, 1-10.	3.0	8
24	ABIN1 inhibits HDAC1 ubiquitination and protects it from both proteasomeâ€•and lysozymeâ€dependent degradation. Journal of Cellular Biochemistry, 2018, 119, 3030-3043.	2.6	7
25	Specific Expression of Interferon-ï¿½ï¿½ Induced by Synergistic Activation Mediator-Derived Systems Activates Innate Immunity and Inhibits Tumorigenesis. Journal of Microbiology and Biotechnology, 2017, 27, 1855-1866.	2.1	5