

Chen Liang

List of Publications by Year in descending order

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57
papers

2,290
citations

201658

27
h-index

223791

46
g-index

59
all docs

59
docs citations

59
times ranked

2900
citing authors

#	ARTICLE	IF	CITATIONS
1	The IFITM Proteins Inhibit HIV-1 Infection. <i>Journal of Virology</i> , 2011, 85, 2126-2137.	3.4	345
2	CRISPR/Cas9-Derived Mutations Both Inhibit HIV-1 Replication and Accelerate Viral Escape. <i>Cell Reports</i> , 2016, 15, 481-489.	6.4	215
3	Characterization of a Putative α -Helix across the Capsid-SP1 Boundary That Is Critical for the Multimerization of Human Immunodeficiency Virus Type 1 Gag. <i>Journal of Virology</i> , 2002, 76, 11729-11737.	3.4	102
4	SAMHD1 Inhibits LINE-1 Retrotransposition by Promoting Stress Granule Formation. <i>PLoS Genetics</i> , 2015, 11, e1005367.	3.5	101
5	The MOV10 Helicase Inhibits LINE-1 Mobility. <i>Journal of Biological Chemistry</i> , 2013, 288, 21148-21160.	3.4	94
6	Effect of HIV-1 Env on SERINC5 Antagonism. <i>Journal of Virology</i> , 2017, 91, .	3.4	81
7	A cell-based assay to discover inhibitors of SARS-CoV-2 RNA dependent RNA polymerase. <i>Antiviral Research</i> , 2021, 190, 105078.	4.1	69
8	A Structurally Disordered Region at the C Terminus of Capsid Plays Essential Roles in Multimerization and Membrane Binding of the Gag Protein of Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2003, 77, 1772-1783.	3.4	67
9	A Nuclear Export Signal Is Required for cGAS to Sense Cytosolic DNA. <i>Cell Reports</i> , 2021, 34, 108586.	6.4	56
10	Interferons: Reprogramming the Metabolic Network against Viral Infection. <i>Viruses</i> , 2018, 10, 36.	3.3	54
11	SARS-CoV-2 spike protein-induced cell fusion activates the cGAS-STING pathway and the interferon response. <i>Science Signaling</i> , 2022, 15, eabg8744.	3.6	54
12	CRISPR/Cas9: a double-edged sword when used to combat HIV infection. <i>Retrovirology</i> , 2016, 13, 37.	2.0	52
13	Compensatory Point Mutations in the Human Immunodeficiency Virus Type 1 Gag Region That Are Distal from Deletion Mutations in the Dimerization Initiation Site Can Restore Viral Replication. <i>Journal of Virology</i> , 1998, 72, 6629-6636.	3.4	47
14	Host Long Noncoding RNA lncRNA-PAAN Regulates the Replication of Influenza A Virus. <i>Viruses</i> , 2018, 10, 330.	3.3	46
15	CRISPR-Cas13a Inhibits HIV-1 Infection. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 147-155.	5.1	46
16	Arginine methylation of SARS-Cov-2 nucleocapsid protein regulates RNA binding, its ability to suppress stress granule formation, and viral replication. <i>Journal of Biological Chemistry</i> , 2021, 297, 100821.	3.4	46
17	PKR-dependent cytosolic cGAS foci are necessary for intracellular DNA sensing. <i>Science Signaling</i> , 2019, 12, .	3.6	45
18	Influenza Virus Exploits an Interferon-Independent lncRNA to Preserve Viral RNA Synthesis through Stabilizing Viral RNA Polymerase PB1. <i>Cell Reports</i> , 2019, 27, 3295-3304.e4.	6.4	43

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19	Corilagin inhibits SARS-CoV-2 replication by targeting viral RNA-dependent RNA polymerase. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1555-1567.	12.0	42
20	MARCH8 inhibits influenza A virus infection by targeting viral M2 protein for ubiquitination-dependent degradation in lysosomes. <i>Nature Communications</i> , 2021, 12, 4427.	12.8	40
21	The V3 Loop of HIV-1 Env Determines Viral Susceptibility to IFITM3 Impairment of Viral Infectivity. <i>Journal of Virology</i> , 2017, 91, .	3.4	37
22	Primate lentiviruses are differentially inhibited by interferon-induced transmembrane proteins. <i>Virology</i> , 2015, 474, 10-18.	2.4	36
23	HIV-1 mutates to evade IFITM1 restriction. <i>Virology</i> , 2014, 454-455, 11-24.	2.4	35
24	CRISPR/Cas9 Inhibits Multiple Steps of HIV-1 Infection. <i>Human Gene Therapy</i> , 2018, 29, 1264-1276.	2.7	33
25	Human MxB Inhibits the Replication of Hepatitis C Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	33
26	Rational design and Structure-Activity relationship of coumarin derivatives effective on HIV-1 protease and partially on HIV-1 reverse transcriptase. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111900.	5.5	31
27	The C-Terminal Sequence of IFITM1 Regulates Its Anti-HIV-1 Activity. <i>PLoS ONE</i> , 2015, 10, e0118794.	2.5	29
28	Deletion Mutagenesis within the Dimerization Initiation Site of Human Immunodeficiency Virus Type 1 Results in Delayed Processing of the p2 Peptide from Precursor Proteins. <i>Journal of Virology</i> , 1999, 73, 6147-6151.	3.4	28
29	The role of Tat in HIV-1 replication: an activator and/or a suppressor?. <i>AIDS Reviews</i> , 2002, 4, 41-9.	1.0	28
30	BST-2 restricts IAV release and is countered by the viral M2 protein. <i>Biochemical Journal</i> , 2017, 474, 715-730.	3.7	27
31	HIV-1 Employs Multiple Mechanisms To Resist Cas9/Single Guide RNA Targeting the Viral Primer Binding Site. <i>Journal of Virology</i> , 2018, 92, .	3.4	26
32	Reverse Transcriptase Inhibitors Can Selectively Block the Synthesis of Differently Sized Viral DNA Transcripts in Cells Acutely Infected with Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 1999, 73, 6700-6707.	3.4	26
33	Spliced Human Immunodeficiency Virus Type 1 RNA Is Reverse Transcribed into cDNA within Infected Cells. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 203-211.	1.1	23
34	Nonhuman Primate IFITM Proteins Are Potent Inhibitors of HIV and SIV. <i>PLoS ONE</i> , 2016, 11, e0156739.	2.5	23
35	Identification of small molecule compounds targeting the interaction of HIV-1 Vif and human APOBEC3G by virtual screening and biological evaluation. <i>Scientific Reports</i> , 2018, 8, 8067.	3.3	22
36	Preliminary SAR and biological evaluation of potent HIV-1 protease inhibitors with pyrimidine bases as novel P2 ligands to enhance activity against DRV-resistant HIV-1 variants. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111866.	5.5	21

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37	An anti-influenza A virus microbial metabolite acts by degrading viral endonuclease PA. <i>Nature Communications</i> , 2022, 13, 2079.	12.8	19
38	Evaluating Humoral Immunity against SARS-CoV-2: Validation of a Plaque-Reduction Neutralization Test and a Multilaboratory Comparison of Conventional and Surrogate Neutralization Assays. <i>Microbiology Spectrum</i> , 2021, 9, e0088621.	3.0	17
39	HIV-1 Vpr protein activates the NF- κ B pathway to promote G2/M cell cycle arrest. <i>Virologica Sinica</i> , 2015, 30, 441-448.	3.0	15
40	A small molecule compound IMB-LA inhibits HIV-1 infection by preventing viral Vpu from antagonizing the host restriction factor BST-2. <i>Scientific Reports</i> , 2016, 5, 18499.	3.3	15
41	Role of MxB in Alpha Interferon-Mediated Inhibition of HIV-1 Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	14
42	MOV10 sequesters the RNP of influenza A virus in the cytoplasm and is antagonized by viral NS1 protein. <i>Biochemical Journal</i> , 2019, 476, 467-481.	3.7	14
43	Identification of a Broad-Spectrum Viral Inhibitor Targeting a Novel Allosteric Site in the RNA-Dependent RNA Polymerases of Dengue Virus and Norovirus. <i>Frontiers in Microbiology</i> , 2020, 11, 1440.	3.5	14
44	Translation of Pr55gag Augments Packaging of Human Immunodeficiency Virus Type 1 RNA in a Cis-Acting Manner. <i>AIDS Research and Human Retroviruses</i> , 2002, 18, 1117-1126.	1.1	13
45	GADD45 proteins inhibit HIV-1 replication through specific suppression of HIV-1 transcription. <i>Virology</i> , 2016, 493, 1-11.	2.4	13
46	Differential Pressures of SERINC5 and IFITM3 on HIV-1 Envelope Glycoprotein over the Course of HIV-1 Infection. <i>Journal of Virology</i> , 2020, 94, .	3.4	11
47	Residues R199H200 of prototype foamy virus transactivator Bel1 contribute to its binding with LTR and IP promoters but not its nuclear localization. <i>Virology</i> , 2014, 449, 215-223.	2.4	8
48	The CREB Regulated Transcription Coactivator 2 Suppresses HIV-1 Transcription by Preventing RNA Pol II from Binding to HIV-1 LTR. <i>Virologica Sinica</i> , 2021, 36, 796-809.	3.0	7
49	MxB inhibits long interspersed element type 1 retrotransposition. <i>PLoS Genetics</i> , 2022, 18, e1010034.	3.5	7
50	HIV-1 resists MxB inhibition of viral Rev protein. <i>Emerging Microbes and Infections</i> , 2020, 9, 2030-2045.	6.5	5
51	Schlafen 5 suppresses human immunodeficiency virus type 1 transcription by commandeering cellular epigenetic machinery. <i>Nucleic Acids Research</i> , 2022, 50, 6137-6153.	14.5	5
52	Pro-515 of the dynamin-like GTPase MxB contributes to HIV-1 inhibition by regulating MxB oligomerization and binding to HIV-1 capsid. <i>Journal of Biological Chemistry</i> , 2020, 295, 6447-6456.	3.4	3
53	New Opportunities to Meet the Grand Challenges in Infectious Diseases. <i>Frontiers in Genome Editing</i> , 2020, 2, 1.	5.2	2
54	Effect of Different Nuclear Localization Signals on the Subcellular Localization and Anti-HIV-1 Function of the MxB Protein. <i>Frontiers in Microbiology</i> , 2021, 12, 675201.	3.5	2

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55	Protocol for nuclear export signal characterization of cGAS in mammalian cells. STAR Protocols, 2021, 2, 100649.	1.2	2
56	Stress out the LINEs. Mobile Genetic Elements, 2016, 6, e1133267.	1.8	0
57	The Engineered MARCH8-Resistant Vesicular Stomatitis Virus Glycoprotein Enhances Lentiviral Vector Transduction. Human Gene Therapy, 2021, 32, 936-948.	2.7	0