

# Chen Liang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

1,562  
citations

21  
h-index

39  
g-index

59  
ext. papers

1,966  
ext. citations

6.7  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
55	MxB inhibits long interspersed element type 1 retrotransposition.. <i>PLoS Genetics</i> , <b>2022</b> , 18, e1010034	6	0
54	An anti-influenza A virus microbial metabolite acts by degrading viral endonuclease PA.. <i>Nature Communications</i> , <b>2022</b> , 13, 2079	17.4	0
53	SARS-CoV-2 spike protein-induced cell fusion activates the cGAS-STING pathway and the interferon response.. <i>Science Signaling</i> , <b>2022</b> , 15, eabg8744	8.8	5
52	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> , <b>2021</b> , e0088621	8.9	6
51	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> , <b>2021</b> , 36, 796-809	6.4	
50	Effect of Different Nuclear Localization Signals on the Subcellular Localization and Anti-HIV-1 Function of the MxB Protein. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 675201	5.7	0
49	A cell-based assay to discover inhibitors of SARS-CoV-2 RNA dependent RNA polymerase. <i>Antiviral Research</i> , <b>2021</b> , 190, 105078	10.8	21
48	Corilagin inhibits SARS-CoV-2 replication by targeting viral RNA-dependent RNA polymerase. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 1555-1567	15.5	17
47	A Nuclear Export Signal Is Required for cGAS to Sense Cytosolic DNA. <i>Cell Reports</i> , <b>2021</b> , 34, 108586	10.6	19
46	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> , <b>2021</b> , 297, 100821	5.4	15
45	MARCH8 inhibits influenza A virus infection by targeting viral M2 protein for ubiquitination-dependent degradation in lysosomes. <i>Nature Communications</i> , <b>2021</b> , 12, 4427	17.4	2
44	The Engineered MARCH8-Resistant Vesicular Stomatitis Virus Glycoprotein Enhances Lentiviral Vector Transduction. <i>Human Gene Therapy</i> , <b>2021</b> , 32, 936-948	4.8	
43	Protocol for nuclear export signal characterization of cGAS in mammalian cells. <i>STAR Protocols</i> , <b>2021</b> , 2, 100649	1.4	0
42	Differential Pressures of SERINC5 and IFITM3 on HIV-1 Envelope Glycoprotein over the Course of HIV-1 Infection. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	5
41	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> , <b>2020</b> , 295, 6447-6456	5.4	2
40	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> , <b>2020</b> , 11, 1440	5.7	8
39	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> , <b>2020</b> , 185, 111866	6.8	13

38	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> , <b>2020</b> , 186, 111900	6.8	18
37	CRISPR-Cas13a Inhibits HIV-1 Infection. <i>Molecular Therapy - Nucleic Acids</i> , <b>2020</b> , 21, 147-155	10.7	21
36	HIV-1 resists MxB inhibition of viral Rev protein. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 2030-2045	18.9	2
35	Influenza Virus Exploits an Interferon-Independent lncRNA to Preserve Viral RNA Synthesis through Stabilizing Viral RNA Polymerase PB1. <i>Cell Reports</i> , <b>2019</b> , 27, 3295-3304.e4	10.6	21
34	PKR-dependent cytosolic cGAS foci are necessary for intracellular DNA sensing. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	25
33	MOV10 sequesters the RNP of influenza A virus in the cytoplasm and is antagonized by viral NS1 protein. <i>Biochemical Journal</i> , <b>2019</b> , 476, 467-481	3.8	10
32	Human MxB Inhibits the Replication of Hepatitis C Virus. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	23
31	CRISPR/Cas9 Inhibits Multiple Steps of HIV-1 Infection. <i>Human Gene Therapy</i> , <b>2018</b> , 29, 1264-1276	4.8	26
30	Role of MxB in Alpha Interferon-Mediated Inhibition of HIV-1 Infection. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	11
29	HIV-1 Employs Multiple Mechanisms To Resist Cas9/Single Guide RNA Targeting the Viral Primer Binding Site. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	20
28	Interferons: Reprogramming the Metabolic Network against Viral Infection. <i>Viruses</i> , <b>2018</b> , 10,	6.2	37
27	Host Long Noncoding RNA lncRNA-PAAN Regulates the Replication of Influenza A Virus. <i>Viruses</i> , <b>2018</b> , 10,	6.2	30
26	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> , <b>2018</b> , 8, 8067	4.9	15
25	The V3 Loop of HIV-1 Env Determines Viral Susceptibility to IFITM3 Impairment of Viral Infectivity. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	32
24	BST-2 restricts IAV release and is countered by the viral M2 protein. <i>Biochemical Journal</i> , <b>2017</b> , 474, 715-730	3.8	20
23	Effect of HIV-1 Env on SERINC5 Antagonism. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	56
22	CRISPR/Cas9: a double-edged sword when used to combat HIV infection. <i>Retrovirology</i> , <b>2016</b> , 13, 37	3.6	44
21	GADD45 proteins inhibit HIV-1 replication through specific suppression of HIV-1 transcription. <i>Virology</i> , <b>2016</b> , 493, 1-11	3.6	11

20	Stress out the LINEs. <i>Mobile Genetic Elements</i> , <b>2016</b> , 6, e1133267		
19	Nonhuman Primate IFITM Proteins Are Potent Inhibitors of HIV and SIV. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156739	3.7	18
18	CRISPR/Cas9-Derived Mutations Both Inhibit HIV-1 Replication and Accelerate Viral Escape. <i>Cell Reports</i> , <b>2016</b> , 15, 481-489	10.6	171
17	Primate lentiviruses are differentially inhibited by interferon-induced transmembrane proteins. <i>Virology</i> , <b>2015</b> , 474, 10-8	3.6	32
16	The C-terminal sequence of IFITM1 regulates its anti-HIV-1 activity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118794	3.7	22
15	HIV-1 Vpr protein activates the NF- $\kappa$ B pathway to promote G2/M cell cycle arrest. <i>Virologica Sinica</i> , <b>2015</b> , 30, 441-8	6.4	12
14	SAMHD1 Inhibits LINE-1 Retrotransposition by Promoting Stress Granule Formation. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005367	6	76
13	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> , <b>2015</b> , 5, 18499	4.9	10
12	Residues R(199)H(200) of prototype foamy virus transactivator Bel1 contribute to its binding with LTR and IP promoters but not its nuclear localization. <i>Virology</i> , <b>2014</b> , 449, 215-23	3.6	6
11	HIV-1 mutates to evade IFITM1 restriction. <i>Virology</i> , <b>2014</b> , 454-455, 11-24	3.6	29
10	The MOV10 helicase inhibits LINE-1 mobility. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 21148-21160	5.4	59
9	The IFITM proteins inhibit HIV-1 infection. <i>Journal of Virology</i> , <b>2011</b> , 85, 2126-37	6.6	280
8	Spliced human immunodeficiency virus type 1 RNA is reverse transcribed into cDNA within infected cells. <i>AIDS Research and Human Retroviruses</i> , <b>2004</b> , 20, 203-11	1.6	20
7	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> , <b>2003</b> , 77, 1772-83	6.6	64
6	Translation of Pr55(gag) augments packaging of human immunodeficiency virus type 1 RNA in a cis-acting manner. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 1117-26	1.6	13
5	Characterization of a putative alpha-helix across the capsid-SP1 boundary that is critical for the multimerization of human immunodeficiency virus type 1 gag. <i>Journal of Virology</i> , <b>2002</b> , 76, 11729-37	6.6	95
4	The role of Tat in HIV-1 replication: an activator and/or a suppressor?. <i>AIDS Reviews</i> , <b>2002</b> , 4, 41-9	1.5	25
3	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> , <b>1999</b> , 73, 6147-51	6.6	28

- 2 Reverse transcriptase inhibitors can selectively block the synthesis of differently sized viral DNA transcripts in cells acutely infected with human immunodeficiency virus type 1. *Journal of Virology*, **1999**, 73, 6700-7 6.6 23
- 1 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. *Journal of Virology*, **1998**, 72, 6629-36 6.6 41