

Frank Kirchhoff

List of Publications by Year in descending order

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268
papers

16,451
citations

14614

66
h-index

23472

111
g-index

288
all docs

288
docs citations

288
times ranked

17008
citing authors

#	ARTICLE	IF	CITATIONS
1	Interferon antagonists encoded by SARS-CoV-2 at a glance. <i>Medical Microbiology and Immunology</i> , 2023, 212, 125-131.	2.6	20
2	When good turns bad: how viruses exploit innate immunity factors. <i>Current Opinion in Virology</i> , 2022, 52, 60-67.	2.6	7
3	The Transmembrane Protease TMPRSS2 as a Therapeutic Target for COVID-19 Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1351.	1.8	32
4	Severe Acute Respiratory Syndrome Coronavirus 2 Vaccination Boosts Neutralizing Activity Against Seasonal Human Coronaviruses. <i>Clinical Infectious Diseases</i> , 2022, 75, e653-e661.	2.9	16
5	Detection of the HIV-1 Accessory Proteins Nef and Vpu by Flow Cytometry Represents a New Tool to Study Their Functional Interplay within a Single Infected CD4 ⁺ T Cell. <i>Journal of Virology</i> , 2022, 96, jvi0192921.	1.5	10
6	Heterologous ChAdOx1 nCoV-19 and BNT162b2 prime-boost vaccination elicits potent neutralizing antibody responses and T cell reactivity against prevalent SARS-CoV-2 variants. <i>EBioMedicine</i> , 2022, 75, 103761.	2.7	104
7	Omicron: What Makes the Latest SARS-CoV-2 Variant of Concern So Concerning?. <i>Journal of Virology</i> , 2022, 96, jvi0207721.	1.5	143
8	Modular Hydrogel [~] Mesoporous Silica Nanoparticle Constructs for Therapy and Diagnostics. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	1.7	3
9	Endogenous Peptide Inhibitors of HIV Entry. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1366, 65-85.	0.8	1
10	SARS-CoV-2 Variants of Concern Hijack IFITM2 for Efficient Replication in Human Lung Cells. <i>Journal of Virology</i> , 2022, 96, e0059422.	1.5	21
11	HIV-1 Nef-mediated downregulation of CD155 results in viral restriction by KIR2DL5+ NK cells. <i>PLoS Pathogens</i> , 2022, 18, e1010572.	2.1	6
12	Monkeypox: A New Threat?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7866.	1.8	115
13	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2694-2708.	5.7	23
14	HIV-1 Nef counteracts autophagy restriction by enhancing the association between BECN1 and its inhibitor BCL2 in a PRKN-dependent manner. <i>Autophagy</i> , 2021, 17, 553-577.	4.3	31
15	Natural cystatin C fragments inhibit GPR15-mediated HIV and SIV infection without interfering with GPR15L signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
16	Evolutionary conflicts and adverse effects of antiviral factors. <i>ELife</i> , 2021, 10, .	2.8	12
17	Supramolecular Peptide Nanofibrils with Optimized Sequences and Molecular Structures for Efficient Retroviral Transduction. <i>Advanced Functional Materials</i> , 2021, 31, 2009382.	7.8	14
18	SIV-induced terminally differentiated adaptive NK cells in lymph nodes associated with enhanced MHC-E restricted activity. <i>Nature Communications</i> , 2021, 12, 1282.	5.8	24

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19	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021, 3, 149-165.	5.1	378
20	IFI16 knockdown in primary HIV-1 target cells. <i>STAR Protocols</i> , 2021, 2, 100236.	0.5	5
21	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , 2021, 12, 1726.	5.8	86
22	SERINC5 Can Enhance Proinflammatory Cytokine Production by Primary Human Myeloid Cells in Response to Challenge with HIV-1 Particles. <i>Journal of Virology</i> , 2021, 95, .	1.5	9
23	Structural basis for GTP-induced dimerization and antiviral function of guanylate-binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	28
24	Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. <i>Cell Reports</i> , 2021, 35, 109126.	2.9	176
25	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition in vitro. <i>Nature Communications</i> , 2021, 12, 4584.	5.8	129
26	Manipulation of autophagy by SARS-CoV-2 proteins. <i>Autophagy</i> , 2021, 17, 2659-2661.	4.3	65
27	APOBEC3F Constitutes a Barrier to Successful Cross-Species Transmission of Simian Immunodeficiency Virus SIVsmm to Humans. <i>Journal of Virology</i> , 2021, 95, e0080821.	1.5	4
28	An additional NF- κ B site allows HIV-1 subtype C to evade restriction by nuclear PYHIN proteins. <i>Cell Reports</i> , 2021, 36, 109735.	2.9	6
29	Computational modeling and experimental validation of the EPI-X4/CXCR4 complex allows rational design of small peptide antagonists. <i>Communications Biology</i> , 2021, 4, 1113.	2.0	20
30	The HIV-1 accessory protein Nef increases surface expression of the checkpoint receptor Tim-3 in infected CD4+ T cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 101042.	1.6	11
31	Less is more: Biased loss of CpG dinucleotides strengthens antiviral immunity. <i>PLoS Biology</i> , 2021, 19, e3001353.	2.6	1
32	Luciferase reporter assays to monitor interferon signaling modulation by SARS-CoV-2 proteins. <i>STAR Protocols</i> , 2021, 2, 100781.	0.5	7
33	Spike residue 403 affects binding of coronavirus spikes to human ACE2. <i>Nature Communications</i> , 2021, 12, 6855.	5.8	25
34	Evolutionary plasticity of SH3 domain binding by Nef proteins of the HIV-1/SIVcpz lentiviral lineage. <i>PLoS Pathogens</i> , 2021, 17, e1009728.	2.1	3
35	HIV-1 infection activates endogenous retroviral promoters regulating antiviral gene expression. <i>Nucleic Acids Research</i> , 2020, 48, 10890-10908.	6.5	54
36	Real-Time Killing Assays to Assess the Potency of a New Anti-Simian Immunodeficiency Virus Chimeric Antigen Receptor T Cell. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 998-1009.	0.5	5

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37	Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1. <i>Nature Microbiology</i> , 2020, 5, 1247-1261.	5.9	22
38	Convergent Evolution of HLA-C Downmodulation in HIV-1 and HIV-2. <i>MBio</i> , 2020, 11, .	1.8	7
39	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2. <i>Science</i> , 2020, 369, 1249-1255.	6.0	635
40	Peptide and peptide-based inhibitors of SARS-CoV-2 entry. <i>Advanced Drug Delivery Reviews</i> , 2020, 167, 47-65.	6.6	132
41	Nuclear PYHIN proteins target the host transcription factor Sp1 thereby restricting HIV-1 in human macrophages and CD4+ T cells. <i>PLoS Pathogens</i> , 2020, 16, e1008752.	2.1	26
42	An improved method for high-throughput quantification of autophagy in mammalian cells. <i>Scientific Reports</i> , 2020, 10, 12241.	1.6	21
43	In Vitro Evaluation of a Peptide-Mesoporous Silica Nanoparticle Drug Release System against HIV-1. <i>Inorganics</i> , 2020, 8, 42.	1.2	5
44	SARS-CoV-2 Is Restricted by Zinc Finger Antiviral Protein despite Preadaptation to the Low-CpG Environment in Humans. <i>MBio</i> , 2020, 11, .	1.8	106
45	Emerging Role of PYHIN Proteins as Antiviral Restriction Factors. <i>Viruses</i> , 2020, 12, 1464.	1.5	10
46	The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site. <i>MBio</i> , 2020, 11, .	1.8	37
47	CpG Frequency in the 5' Third of the <i>env</i> Gene Determines Sensitivity of Primary HIV-1 Strains to the Zinc-Finger Antiviral Protein. <i>MBio</i> , 2020, 11, .	1.8	46
48	Nef-Mediated CD3-TCR Downmodulation Dampens Acute Inflammation and Promotes SIV Immune Evasion. <i>Cell Reports</i> , 2020, 30, 2261-2274.e7.	2.9	6
49	Loss of Nef-mediated CD3 down-regulation in the HIV-1 lineage increases viral infectivity and spread. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7382-7391.	3.3	8
50	Cellular Factors Targeting HIV-1 Transcription and Viral RNA Transcripts. <i>Viruses</i> , 2020, 12, 495.	1.5	23
51	A Placenta Derived C-Terminal Fragment of β^2 -Hemoglobin With Combined Antibacterial and Antiviral Activity. <i>Frontiers in Microbiology</i> , 2020, 11, 508.	1.5	23
52	HIV-1 Vpu Downregulates Tim-3 from the Surface of Infected CD4 ⁺ T Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	28
53	Detection of SARS-CoV-2 in human breastmilk. <i>Lancet, The</i> , 2020, 395, 1757-1758.	6.3	306
54	HIV-1 Vpu is a potent transcriptional suppressor of NF- κ B-elicited antiviral immune responses. <i>ELife</i> , 2019, 8, .	2.8	53

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55	Primary HIV-1 Strains Use Nef To Downmodulate HLA-E Surface Expression. <i>Journal of Virology</i> , 2019, 93, .	1.5	21
56	Structural Basis for Tetherin Antagonism as a Barrier to Zoonotic Lentiviral Transmission. <i>Cell Host and Microbe</i> , 2019, 26, 359-368.e8.	5.1	26
57	Repeated semen exposure decreases cervicovaginal SIVmac251 infection in rhesus macaques. <i>Nature Communications</i> , 2019, 10, 3753.	5.8	3
58	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. <i>Nature Microbiology</i> , 2019, 4, 1532-1544.	5.9	61
59	Upregulation of BST-2 by Type I Interferons Reduces the Capacity of Vpu To Protect HIV-1-Infected Cells from NK Cell Responses. <i>MBio</i> , 2019, 10, .	1.8	16
60	IFI16 Targets the Transcription Factor Sp1 to Suppress HIV-1 Transcription and Latency Reactivation. <i>Cell Host and Microbe</i> , 2019, 25, 858-872.e13.	5.1	83
61	Potential roles of Nef and Vpu in HIV-1 latency. <i>Future Virology</i> , 2019, 14, 227-236.	0.9	3
62	Guanylate-Binding Proteins 2 and 5 Exert Broad Antiviral Activity by Inhibiting Furin-Mediated Processing of Viral Envelope Proteins. <i>Cell Reports</i> , 2019, 27, 2092-2104.e10.	2.9	112
63	Key Viral Adaptations Preceding the AIDS Pandemic. <i>Cell Host and Microbe</i> , 2019, 25, 27-38.	5.1	79
64	Multilayered and versatile inhibition of cellular antiviral factors by HIV and SIV accessory proteins. <i>Cytokine and Growth Factor Reviews</i> , 2018, 40, 3-12.	3.2	55
65	Species-specific host factors rather than virus-intrinsic virulence determine primate lentiviral pathogenicity. <i>Nature Communications</i> , 2018, 9, 1371.	5.8	20
66	Interferons and beyond: Induction of antiretroviral restriction factors. <i>Journal of Leukocyte Biology</i> , 2018, 103, 465-477.	1.5	28
67	Human-Specific Adaptations in Vpu Conferring Anti-tetherin Activity Are Critical for Efficient Early HIV-1 Replication In Vivo. <i>Cell Host and Microbe</i> , 2018, 23, 110-120.e7.	5.1	43
68	Sooty mangabey genome sequence provides insight into AIDS resistance in a natural SIV host. <i>Nature</i> , 2018, 553, 77-81.	13.7	81
69	Resistance of Major Histocompatibility Complex Class B (MHC-B) to Nef-Mediated Downregulation Relative to that of MHC-A Is Conserved among Primate Lentiviruses and Influences Antiviral T Cell Responses in HIV-1-Infected Individuals. <i>Journal of Virology</i> , 2018, 92, .	1.5	12
70	Exploiting the human peptidome for novel antimicrobial and anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2719-2726.	1.4	34
71	SIVcol Nef counteracts SERINC5 by promoting its proteasomal degradation but does not efficiently enhance HIV-1 replication in human CD4+ T cells and lymphoid tissue. <i>PLoS Pathogens</i> , 2018, 14, e1007269.	2.1	25
72	The Antiviral Activity of the Cellular Glycoprotein LGALS3BP/90K Is Species Specific. <i>Journal of Virology</i> , 2018, 92, .	1.5	22

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73	Reduced Susceptibility to VIRIP-Based HIV-1 Entry Inhibitors Has a High Genetic Barrier and Severe Fitness Costs. <i>Journal of Virology</i> , 2018, 92, .	1.5	8
74	HIV-1 Nefs Are Cargo-Sensitive AP-1 Trimerization Switches in Tetherin Downregulation. <i>Cell</i> , 2018, 174, 659-671.e14.	13.5	38
75	Preadaptation of Simian Immunodeficiency Virus SIV _{smm} Facilitated Env-Mediated Counteraction of Human Tetherin by Human Immunodeficiency Virus Type 2. <i>Journal of Virology</i> , 2018, 92, .	1.5	14
76	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. <i>MBio</i> , 2018, 9, .	1.8	82
77	HIV Life Cycle: Overview. , 2018, , 722-730.		0
78	Guanylate binding protein 5: Impairing virion infectivity by targeting retroviral envelope glycoproteins. <i>Small GTPases</i> , 2017, 8, 31-37.	0.7	28
79	Efficient Vpu-Mediated Tetherin Antagonism by an HIV-1 Group O Strain. <i>Journal of Virology</i> , 2017, 91, .	1.5	17
80	Synthesis of Peptide-Functionalized Poly(bis-sulfone) Copolymers Regulating HIV-1 Entry and Cancer Stem Cell Migration. <i>ACS Macro Letters</i> , 2017, 6, 241-246.	2.3	8
81	BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2017, 91, .	1.5	40
82	Generation and Characterization of Virus-Enhancing Peptide Nanofibrils Functionalized with Fluorescent Labels. <i>Bioconjugate Chemistry</i> , 2017, 28, 1260-1270.	1.8	5
83	Molecular Control of HIV and SIV Latency. <i>Current Topics in Microbiology and Immunology</i> , 2017, 417, 1-22.	0.7	11
84	Endocytic sorting motif interactions involved in Nef-mediated downmodulation of CD4 and CD3. <i>Nature Communications</i> , 2017, 8, 442.	5.8	26
85	HIV-1-Mediated Downmodulation of HLA-C Impacts Target Cell Recognition and Antiviral Activity of NK Cells. <i>Cell Host and Microbe</i> , 2017, 22, 111-119.e4.	5.1	37
86	Primate Lentiviruses Modulate NF- κ B Activity by Multiple Mechanisms to Fine-Tune Viral and Cellular Gene Expression. <i>Frontiers in Microbiology</i> , 2017, 8, 198.	1.5	29
87	Primate lentiviruses use at least three alternative strategies to suppress NF- κ B-mediated immune activation. <i>PLoS Pathogens</i> , 2017, 13, e1006598.	2.1	34
88	Semen amyloids participate in spermatozoa selection and clearance. <i>ELife</i> , 2017, 6, .	2.8	59
89	HIV replication. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 173-181.	1.5	26
90	Differential Control of BST2 Restriction and Plasmacytoid Dendritic Cell Antiviral Response by Antagonists Encoded by HIV-1 Group M and O Strains. <i>Journal of Virology</i> , 2016, 90, 10236-10246.	1.5	12

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91	IFITMs: Important Factors in Trans-Mission of HIV-1. <i>Cell Host and Microbe</i> , 2016, 20, 407-408.	5.1	2
92	HIV Triggers a cGAS-Dependent, Vpu- and Vpr-Regulated Type I Interferon Response in CD4 + T Cells. <i>Cell Reports</i> , 2016, 17, 413-424.	2.9	64
93	The Potency of Nef-Mediated SERINC5 Antagonism Correlates with the Prevalence of Primate Lentiviruses in the Wild. <i>Cell Host and Microbe</i> , 2016, 20, 381-391.	5.1	88
94	Vpu-Mediated Counteraction of Tetherin Is a Major Determinant of HIV-1 Interferon Resistance. <i>MBio</i> , 2016, 7, .	1.8	52
95	Endogenous TRIM5 α Function Is Regulated by SUMOylation and Nuclear Sequestration for Efficient Innate Sensing in Dendritic Cells. <i>Cell Reports</i> , 2016, 14, 355-369.	2.9	31
96	A Highly Conserved Residue of the HIV-1 gp120 Inner Domain Is Important for Antibody-Dependent Cellular Cytotoxicity Responses Mediated by Anti-cluster A Antibodies. <i>Journal of Virology</i> , 2016, 90, 2127-2134.	1.5	69
97	Guanylate Binding Protein (GBP) 5 Is an Interferon-Inducible Inhibitor of HIV-1 Infectivity. <i>Cell Host and Microbe</i> , 2016, 19, 504-514.	5.1	211
98	Combating HIV: what the human peptidome offers. <i>Future Virology</i> , 2016, 11, 167-170.	0.9	0
99	Lymphocryptovirus-dependent occurrence of lymphoma in SIV-infected rhesus macaques with particular consideration to two uncommon cases of non-Hodgkin's lymphoma. <i>Primate Biology</i> , 2016, 3, 65-75.	0.6	2
100	Increased susceptibility of CD4+ T cells from elderly individuals to HIV-1 infection and apoptosis is associated with reduced CD4 and enhanced CXCR4 and FAS surface expression levels. <i>Retrovirology</i> , 2015, 12, 86.	0.9	11
101	Involvement of a C-terminal motif in the interference of primate lentiviral Vpu proteins with CD1d-mediated antigen presentation. <i>Scientific Reports</i> , 2015, 5, 9675.	1.6	13
102	Frequencies of lymphoid T α 1 follicular helper cells obtained longitudinally by lymph node fine-needle aspiration correlate significantly with viral load in SIV-infected rhesus monkeys. <i>Journal of Medical Primatology</i> , 2015, 44, 253-262.	0.3	6
103	Modest Attenuation of HIV-1 Vpu Alleles Derived from Elite Controller Plasma. <i>PLoS ONE</i> , 2015, 10, e0120434.	1.1	13
104	Identification of potential HIV restriction factors by combining evolutionary genomic signatures with functional analyses. <i>Retrovirology</i> , 2015, 12, 41.	0.9	78
105	Differential Regulation of NF- κ B-Mediated Proviral and Antiviral Host Gene Expression by Primate Lentiviral Nef and Vpu Proteins. <i>Cell Reports</i> , 2015, 10, 586-599.	2.9	106
106	Sandwich enzyme-linked immunosorbent assay for the quantification of human serum albumin fragment 408-423 in bodily fluids. <i>Analytical Biochemistry</i> , 2015, 476, 29-35.	1.1	30
107	Lentiviral Nef Proteins Manipulate T Cells in a Subset-Specific Manner. <i>Journal of Virology</i> , 2015, 89, 1986-2001.	1.5	10
108	Discovery and Characterization of an Endogenous CXCR4 Antagonist. <i>Cell Reports</i> , 2015, 11, 737-747.	2.9	80

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109	Immune evasion activities of accessory proteins Vpu, Nef and Vif are conserved in acute and chronic HIV-1 infection. <i>Virology</i> , 2015, 482, 72-78.	1.1	18
110	CD4+ T Cellâ€‘Derived IL-21 and Deprivation of CD40 Signaling Favor the In Vivo Development of Granzyme Bâ€‘Expressing Regulatory B Cells in HIV Patients. <i>Journal of Immunology</i> , 2015, 194, 3768-3777.	0.4	57
111	Early Vertebrate Evolution of the Host Restriction Factor Tetherin. <i>Journal of Virology</i> , 2015, 89, 12154-12165.	1.5	37
112	SnapShot: Antiviral Restriction Factors. <i>Cell</i> , 2015, 163, 774-774.e1.	13.5	95
113	EPI-X4, a novel endogenous antagonist of CXCR4. <i>Oncotarget</i> , 2015, 6, 35137-35138.	0.8	24
114	A molecular tweezer antagonizes seminal amyloids and HIV infection. <i>ELife</i> , 2015, 4, .	2.8	71
115	Peptide nanofibrils as enhancers of retroviral gene transfer. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014, 6, 438-451.	3.3	27
116	Limited HIV Infection of Central Memory and Stem Cell Memory CD4+ T Cells Is Associated with Lack of Progression in Viremic Individuals. <i>PLoS Pathogens</i> , 2014, 10, e1004345.	2.1	76
117	Properties of Human and Simian Immunodeficiency Viruses. , 2014, , 69-84.		2
118	Semen enhances HIV infectivity and impairs the antiviral efficacy of microbicides. <i>Science Translational Medicine</i> , 2014, 6, 262ra157.	5.8	69
119	Lentiviral Nef suppresses iron uptake in a strain specific manner through inhibition of Transferrin endocytosis. <i>Retrovirology</i> , 2014, 11, 1.	0.9	40
120	Direct visualization of HIV-enhancing endogenous amyloid fibrils in human semen. <i>Nature Communications</i> , 2014, 5, 3508.	5.8	95
121	Viremic long-term nonprogressive HIV-1 infection is not associated with abnormalities in known Nef functions. <i>Retrovirology</i> , 2014, 11, 13.	0.9	12
122	Premature Activation of the SLX4 Complex by Vpr Promotes G2/M Arrest and Escape from Innate Immune Sensing. <i>Cell</i> , 2014, 156, 134-145.	13.5	183
123	HIV-1 Accessory Proteins: Nef. <i>Methods in Molecular Biology</i> , 2014, 1087, 115-123.	0.4	1
124	Nef Proteins of Epidemic HIV-1 Group O Strains Antagonize Human Tetherin. <i>Cell Host and Microbe</i> , 2014, 16, 639-650.	5.1	77
125	Discovery of modulators of HIV-1 infection from the human peptidome. <i>Nature Reviews Microbiology</i> , 2014, 12, 715-722.	13.6	36
126	TRIM Proteins Regulate Autophagy and Can Target Autophagic Substrates by Direct Recognition. <i>Developmental Cell</i> , 2014, 30, 394-409.	3.1	269

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127	Liquefaction of Semen Generates and Later Degrades a Conserved Semenogelin Peptide That Enhances HIV Infection. <i>Journal of Virology</i> , 2014, 88, 7221-7234.	1.5	53
128	The transmembrane domain of HIV-1 Vpu is sufficient to confer anti-tetherin activity to SIVcpz and SIVgor Vpu proteins: cytoplasmic determinants of Vpu function. <i>Retrovirology</i> , 2013, 10, 32.	0.9	15
129	The efficiency of Vpx-mediated SAMHD1 antagonism does not correlate with the potency of viral control in HIV-2-infected individuals. <i>Retrovirology</i> , 2013, 10, 27.	0.9	24
130	Link between Primate Lentiviral Coreceptor Usage and Nef Function. <i>Cell Reports</i> , 2013, 5, 997-1009.	2.9	11
131	First Steps toward a Globally Effective HIV/AIDS Vaccine. <i>Cell</i> , 2013, 155, 495-497.	13.5	8
132	Emerging Role of the Host Restriction Factor Tetherin in Viral Immune Sensing. <i>Journal of Molecular Biology</i> , 2013, 425, 4956-4964.	2.0	72
133	A rare missense variant abrogates the signaling activity of tetherin/BST-2 without affecting its effect on virus release. <i>Retrovirology</i> , 2013, 10, 85.	0.9	22
134	Effect of semen and seminal amyloid on vaginal transmission of simian immunodeficiency virus. <i>Retrovirology</i> , 2013, 10, 148.	0.9	33
135	Primate lentiviral Nef proteins deregulate T-cell development by multiple mechanisms. <i>Retrovirology</i> , 2013, 10, 137.	0.9	4
136	Peptide nanofibrils boost retroviral gene transfer and provide a rapid means for concentrating viruses. <i>Nature Nanotechnology</i> , 2013, 8, 130-136.	15.6	125
137	HIV-1 Vpu affects the anterograde transport and the glycosylation pattern of NTB-A. <i>Virology</i> , 2013, 440, 190-203.	1.1	31
138	90K, an interferon-stimulated gene product, reduces the infectivity of HIV-1. <i>Retrovirology</i> , 2013, 10, 111.	0.9	43
139	HIV-1 Vpu Does Not Degrade Interferon Regulatory Factor 3. <i>Journal of Virology</i> , 2013, 87, 7160-7165.	1.5	32
140	HIV Life Cycle: Overview. , 2013, , 1-9.		14
141	Human Tetherin Exerts Strong Selection Pressure on the HIV-1 Group N Vpu Protein. <i>PLoS Pathogens</i> , 2012, 8, e1003093.	2.1	55
142	Naturally Occurring Fragments from Two Distinct Regions of the Prostatic Acid Phosphatase Form Amyloidogenic Enhancers of HIV Infection. <i>Journal of Virology</i> , 2012, 86, 1244-1249.	1.5	90
143	Down-Modulation of CD81 [±] Is a Fundamental Activity of Primate Lentiviral Nef Proteins. <i>Journal of Virology</i> , 2012, 86, 36-48.	1.5	17
144	Efficient Nef-Mediated Downmodulation of TCR-CD3 and CD28 Is Associated with High CD4 ⁺ T Cell Counts in Viremic HIV-2 Infection. <i>Journal of Virology</i> , 2012, 86, 4906-4920.	1.5	37

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145	Reacquisition of Nef-Mediated Tetherin Antagonism in a Single In Vivo Passage of HIV-1 through Its Original Chimpanzee Host. <i>Cell Host and Microbe</i> , 2012, 12, 373-380.	5.1	35
146	Evolutionary and Functional Analyses of the Interaction between the Myeloid Restriction Factor SAMHD1 and the Lentiviral Vpx Protein. <i>Cell Host and Microbe</i> , 2012, 11, 205-217.	5.1	169
147	Natural SIV Infection. , 2012, , 3-45.		3
148	Efficient SIVcpz replication in human lymphoid tissue requires viral matrix protein adaptation. <i>Journal of Clinical Investigation</i> , 2012, 122, 1644-1652.	3.9	44
149	Influenza A Virus Does Not Encode a Tetherin Antagonist with Vpu-Like Activity and Induces IFN-Dependent Tetherin Expression in Infected Cells. <i>PLoS ONE</i> , 2012, 7, e43337.	1.1	28
150	HIV Triggers Interleukin 21-Mediated Induction of Granzyme B-Secreting B Cells with Regulatory and Antiviral Potential. <i>Blood</i> , 2012, 120, 1042-1042.	0.6	0
151	Peptides Released by Physiological Cleavage of Semen Coagulum Proteins Form Amyloids that Enhance HIV Infection. <i>Cell Host and Microbe</i> , 2011, 10, 541-550.	5.1	144
152	Blocking semen-mediated enhancement of HIV infection by amyloid-binding small molecules. <i>Future Virology</i> , 2011, 6, 183-186.	0.9	4
153	HIV-1 Group P is unable to antagonize human tetherin by Vpu, Env or Nef. <i>Retrovirology</i> , 2011, 8, 103.	0.9	61
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