

Akio Adachi

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137
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144
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2,636
ext. citations

5.7
avg, IF

4.46
L-index

#	Paper	IF	Citations
137	Physiological significance of apoptosis in animal virus infection. <i>Microbes and Infection</i> , 2000 , 2, 1111-7	9.3	122
136	The human immunodeficiency virus type 1 accessory protein Vpu induces apoptosis by suppressing the nuclear factor kappaB-dependent expression of antiapoptotic factors. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1299-311	16.6	121
135	Nef-induced major histocompatibility complex class I down-regulation is functionally dissociated from its virion incorporation, enhancement of viral infectivity, and CD4 down-regulation. <i>Journal of Virology</i> , 2000 , 74, 2907-12	6.6	102
134	Generation of HIV-1 derivatives that productively infect macaque monkey lymphoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16959-64	11.5	100
133	Paramyxovirus Sendai virus-like particle formation by expression of multiple viral proteins and acceleration of its release by C protein. <i>Virology</i> , 2004 , 325, 1-10	3.6	74
132	Vpx is critical for reverse transcription of the human immunodeficiency virus type 2 genome in macrophages. <i>Journal of Virology</i> , 2008 , 82, 7752-6	6.6	67
131	Expression of HIV-1 accessory protein Vif is controlled uniquely to be low and optimal by proteasome degradation. <i>Microbes and Infection</i> , 2004 , 6, 791-8	9.3	62
130	Antiapoptotic activity of herpes simplex virus type 2: the role of US3 protein kinase gene. <i>Microbes and Infection</i> , 1999 , 1, 601-7	9.3	58
129	Human immunodeficiency virus type 1 derivative with 7% simian immunodeficiency virus genetic content is able to establish infections in pig-tailed macaques. <i>Journal of Virology</i> , 2007 , 81, 11549-52	6.6	52
128	Virus multiplication and induction of apoptosis by Sendai virus: role of the C proteins. <i>Microbes and Infection</i> , 2003 , 5, 373-8	9.3	52
127	The HIV-1 Vpr displays strong anti-apoptotic activity. <i>FEBS Letters</i> , 1998 , 432, 17-20	3.8	51
126	Persistent infection with SIVmac chimeric virus having tat, rev, vpu, env and nef of HIV type 1 in macaque monkeys. <i>AIDS Research and Human Retroviruses</i> , 1994 , 10, 1021-9	1.6	50
125	High level expression of human immunodeficiency virus type-1 Vif inhibits viral infectivity by modulating proteolytic processing of the Gag precursor at the p2/nucleocapsid processing site. <i>Journal of Biological Chemistry</i> , 2004 , 279, 12355-62	5.4	49
124	Identification of amino acid residues in HIV-1 Vif critical for binding and exclusion of APOBEC3G/F. <i>Microbes and Infection</i> , 2008 , 10, 1142-9	9.3	46
123	Role of HIV-1 Vpu protein for virus spread and pathogenesis. <i>Microbes and Infection</i> , 2008 , 10, 960-7	9.3	44
122	Small amino acid changes in the V3 loop of human immunodeficiency virus type 2 determines the coreceptor usage for CXCR4 and CCR5. <i>Virology</i> , 1999 , 264, 237-43	3.6	42
121	Human immunodeficiency virus Vpx is required for the early phase of replication in peripheral blood mononuclear cells. <i>Microbiology and Immunology</i> , 1994 , 38, 871-8	2.7	41

120	Vpx and Vpr proteins of HIV-2 up-regulate the viral infectivity by a distinct mechanism in lymphocytic cells. <i>Microbes and Infection</i> , 2003 , 5, 387-95	9.3	39
119	Physiological significance of apoptosis during animal virus infection. <i>International Reviews of Immunology</i> , 2003 , 22, 341-59	4.6	38
118	SIV/HIV recombinants and their use in studying biological properties. <i>AIDS Research and Human Retroviruses</i> , 1992 , 8, 403-9	1.6	38
117	Improved capacity of a monkey-tropic HIV-1 derivative to replicate in cynomolgus monkeys with minimal modifications. <i>Microbes and Infection</i> , 2011 , 13, 58-64	9.3	36
116	Pseudotyping human immunodeficiency virus type 1 by vesicular stomatitis virus G protein does not reduce the cell-dependent requirement of vif for optimal infectivity: functional difference between Vif and Nef. <i>Journal of General Virology</i> , 1999 , 80 (Pt 11), 2945-2949	4.9	34
115	Modification of a loop sequence between alpha-helices 6 and 7 of virus capsid (CA) protein in a human immunodeficiency virus type 1 (HIV-1) derivative that has simian immunodeficiency virus (SIVmac239) vif and CA alpha-helices 4 and 5 loop improves replication in cynomolgus monkey cells. <i>Retrovirology</i> , 2009 , 6, 78	3.6	32
114	Generation of rhesus macaque-tropic HIV-1 clones that are resistant to major anti-HIV-1 restriction factors. <i>Journal of Virology</i> , 2013 , 87, 11447-61	6.6	30
113	Amino acid residues 88 and 89 in the central hydrophilic region of human immunodeficiency virus type 1 Vif are critical for viral infectivity by enhancing the steady-state expression of Vif. <i>Journal of Virology</i> , 2003 , 77, 1626-32	6.6	28
112	Species barrier of HIV-1 and its jumping by virus engineering. <i>Reviews in Medical Virology</i> , 2008 , 18, 261-75.7	11.7	27
111	Effects of SIVmac infection on peripheral blood CD4+CD8+ T lymphocytes in cynomolgus macaques. <i>Clinical Immunology</i> , 1999 , 91, 321-9	9	27
110	Suppression of apoptotic and necrotic cell death by poliovirus. <i>Journal of General Virology</i> , 2001 , 82, 2965-2972	4.9	27
109	Comparative study on the structure and cytopathogenic activity of HIV Vpr/Vpx proteins. <i>Microbes and Infection</i> , 2006 , 8, 10-5	9.3	26
108	Regulation of cell cycle and apoptosis by human immunodeficiency virus type 1 Vpr. <i>Microbes and Infection</i> , 2000 , 2, 1011-7	9.3	26
107	Induction of apoptosis in Herpesvirus saimiri-immortalized T lymphocytes by blocking interaction of CD28 with CD80/CD86. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 263, 352-6	3.4	26
106	Multifaceted activity of HIV Vpr/Vpx proteins: the current view of their virological functions. <i>Reviews in Medical Virology</i> , 2010 , 20, 68-76	11.7	25
105	Gag-CA Q110D mutation elicits TRIM5-independent enhancement of HIV-1mt replication in macaque cells. <i>Microbes and Infection</i> , 2013 , 15, 56-65	9.3	23
104	Association between interleukin-6 gene polymorphism and human T-cell leukemia virus type I associated myelopathy. <i>Human Immunology</i> , 2002 , 63, 696-700	2.3	23
103	Commentary: Origin and evolution of pathogenic coronaviruses. <i>Frontiers in Immunology</i> , 2020 , 11, 811	8.4	23

102	SAMHD1-Dependent and -Independent Functions of HIV-2/SIV Vpx Protein. <i>Frontiers in Microbiology</i> , 2012 , 3, 297	5.7	22
101	HIV-1 capsid mutants inhibit the replication of wild-type virus at both early and late infection phases. <i>FEBS Letters</i> , 1997 , 415, 231-4	3.8	22
100	In silico Analysis of HIV-1 Env-gp120 Reveals Structural Bases for Viral Adaptation in Growth-Restrictive Cells. <i>Frontiers in Microbiology</i> , 2016 , 7, 110	5.7	22
99	Systemic biological analysis of the mutations in two distinct HIV-1mt genomes occurred during replication in macaque cells. <i>Microbes and Infection</i> , 2013 , 15, 319-28	9.3	21
98	Geographical, genetic and functional diversity of antiretroviral host factor TRIMCyp in cynomolgus macaque (<i>Macaca fascicularis</i>). <i>Journal of General Virology</i> , 2012 , 93, 594-602	4.9	20
97	Natural single-nucleotide polymorphisms in the 3Sregion of the HIV-1 pol gene modulate viral replication ability. <i>Journal of Virology</i> , 2014 , 88, 4145-60	6.6	18
96	Viral tropism. <i>Frontiers in Microbiology</i> , 2012 , 3, 281	5.7	18
95	Role of HIV-1 Nef protein for virus replication in vitro. <i>Microbes and Infection</i> , 2010 , 12, 65-70	9.3	18
94	Characterization of apoptosis induced by sorbitol: a unique system for the detection of antiapoptotic activities of viruses. <i>Microbes and Infection</i> , 2000 , 2, 599-606	9.3	18
93	Interferon-induced SCYL2 limits release of HIV-1 by triggering PP2A-mediated dephosphorylation of the viral protein Vpu. <i>Science Signaling</i> , 2012 , 5, ra73	8.8	17
92	Influence of cytokine and mannose binding protein gene polymorphisms on human T-cell leukemia virus type I (HTLV-I) provirus load in HTLV-I asymptomatic carriers. <i>Human Immunology</i> , 2003 , 64, 453-7	2.3	16
91	Generation and characterization of a host cell-dependent gag gene mutant of human immunodeficiency virus type 1. <i>Virology</i> , 1995 , 212, 251-4	3.6	16
90	The identification of a small molecule compound that reduces HIV-1 Nef-mediated viral infectivity enhancement. <i>PLoS ONE</i> , 2011 , 6, e27696	3.7	15
89	Acceleration of virus-induced apoptosis by tumor necrosis factor. <i>FEBS Letters</i> , 1998 , 426, 179-82	3.8	15
88	Functional domain mapping of HIV-1 Gag proteins. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 241, 317-20	3.4	14
87	Elimination of HIV-1 plasmid DNA from virus samples obtained from transfection by calcium-phosphate co-precipitation. <i>Journal of Virological Methods</i> , 2000 , 90, 99-102	2.6	14
86	Inhibition of HIV replication by capsid mutant C6b. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 242, 313-6	3.4	14
85	Trans-species activation of human T cells by rhesus macaque CD1b molecules. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 889-93	3.4	13

84	Cyclophilin A-independent replication of a human immunodeficiency virus type 1 isolate carrying a small portion of the simian immunodeficiency virus SIV(MAC) gag capsid region. <i>Journal of Virology</i> , 2001 , 75, 10527-31	6.6	13
83	Poly-proline motif in HIV-2 Vpx is critical for its efficient translation. <i>Journal of General Virology</i> , 2014 , 95, 179-189	4.9	12
82	TRIM5 genotypes in cynomolgus monkeys primarily influence inter-individual diversity in susceptibility to monkey-tropic human immunodeficiency virus type 1. <i>Journal of General Virology</i> , 2013 , 94, 1318-1324	4.9	12
81	Status of APOBEC3G/F in cells and progeny virions modulated by Vif determines HIV-1 infectivity. <i>Microbes and Infection</i> , 2010 , 12, 166-71	9.3	12
80	Functional region mapping of HIV-2 Vpx protein. <i>Microbes and Infection</i> , 2008 , 10, 1387-92	9.3	12
79	Rhesus M1.3S Cells Suitable for Biological Evaluation of Macaque-Tropic HIV/SIV Clones. <i>Frontiers in Microbiology</i> , 2011 , 2, 115	5.7	11
78	Structural dynamics of retroviral genome and the packaging. <i>Frontiers in Microbiology</i> , 2011 , 2, 264	5.7	11
77	Functional analysis of HIV-1 vif genes derived from Japanese long-term nonprogressors and progressors for AIDS. <i>Microbes and Infection</i> , 2004 , 6, 799-805	9.3	11
76	Subtle mutations in the cysteine region of HIV-1 Vif drastically alter the viral replication phenotype. <i>Microbes and Infection</i> , 2002 , 4, 621-4	9.3	11
75	Unique characteristics of HIV-1 Vif expression. <i>Microbes and Infection</i> , 2005 , 7, 385-90	9.3	11
74	Susceptibility of HVS-immortalized lymphocytic HSC-F cells to various strains and mutants of HIV/SIV. <i>International Journal of Molecular Medicine</i> , 2003 , 11, 641-4	4.4	11
73	PIM kinases facilitate lentiviral evasion from SAMHD1 restriction via Vpx phosphorylation. <i>Nature Communications</i> , 2019 , 10, 1844	17.4	10
72	Natural Single-Nucleotide Variations in the HIV-1 Genomic SA1prox Region Can Alter Viral Replication Ability by Regulating Vif Expression Levels. <i>Journal of Virology</i> , 2016 , 90, 4563-4578	6.6	10
71	Early function of HIV-1 Gag proteins is cell-dependent. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 248, 899-903	3.4	10
70	Producer cell-dependent requirement of the Nef protein for efficient entry of HIV-1 into cells. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 250, 565-8	3.4	10
69	Toward Understanding Molecular Bases for Biological Diversification of Human Coronaviruses: Present Status and Future Perspectives. <i>Frontiers in Microbiology</i> , 2020 , 11, 2016	5.7	10
68	Distinct combinations of amino acid substitutions in N-terminal domain of Gag-capsid afford HIV-1 resistance to rhesus TRIM5. <i>Microbes and Infection</i> , 2014 , 16, 936-44	9.3	9
67	Species tropism of HIV-1 modulated by viral accessory proteins. <i>Frontiers in Microbiology</i> , 2012 , 3, 267	5.7	9

66	Cleavage of Gag precursor is required for early replication phase of HIV-1. <i>FEBS Letters</i> , 1997 , 415, 227-308	9.3	9
65	Comparison of an antiviral activity of recombinant consensus interferon with recombinant interferon-alpha-2b. <i>Microbes and Infection</i> , 1999 , 1, 1073-7	9.3	9
64	Cell-dependent gag mutants of HIV-1 are crucially defective at the stage of uncoating/reverse transcription in non-permissive cells. <i>Microbes and Infection</i> , 2000 , 2, 1419-23	9.3	8
63	Generation and characterization of APOBEC3G-positive 293T cells for HIV-1 Vif study. <i>Journal of Medical Investigation</i> , 2007 , 54, 154-8	1.2	8
62	Growth ability in simian cells of monkey cell-tropic HIV-1 is greatly affected by downstream region of the vif gene. <i>Journal of Medical Investigation</i> , 2008 , 55, 236-40	1.2	8
61	Growth ability in various macaque cell lines of HIV-1 with simian cell-tropism. <i>Journal of Medical Investigation</i> , 2010 , 57, 284-92	1.2	8
60	Virological characterization of HIV-2 vpx gene mutants in various cell systems. <i>Microbes and Infection</i> , 2014 , 16, 695-701	9.3	7
59	Novel Screening System Based on Differential Scanning Fluorimetry to Search for Small Molecules against the Disassembly or Assembly of HIV-1 Capsid Protein. <i>Frontiers in Microbiology</i> , 2017 , 8, 1413	5.7	7
58	Animal model studies on viral infections. <i>Frontiers in Microbiology</i> , 2014 , 5, 672	5.7	7
57	Growth potentials of CCR5-tropic/CXCR4-tropic HIV-1mt clones in macaque cells. <i>Frontiers in Microbiology</i> , 2013 , 4, 218	5.7	7
56	Site-Directed Mutagenesis of HIV-1 vpu Gene Demonstrates Two Clusters of Replication-Defective Mutants with Distinct Ability to Down-Modulate Cell Surface CD4 and Tetherin. <i>Frontiers in Microbiology</i> , 2010 , 1, 116	5.7	7
55	Evasion from CypA- and APOBEC-mediated restrictions is insufficient for HIV-1 to efficiently grow in simian cells. <i>Microbes and Infection</i> , 2009 , 11, 164-71	9.3	7
54	Analysis of the cell-dependent replication potentials of human immunodeficiency virus type 1 vif mutants. <i>Microbes and Infection</i> , 2001 , 3, 1093-9	9.3	7
53	Novel mutant human immunodeficiency virus type 1 strains with high degree of resistance to cynomolgus macaque TRIMCyp generated by random mutagenesis. <i>Journal of General Virology</i> , 2016 , 97, 963-976	4.9	7
52	Macaque-Tropic HIV-1 Derivatives: A Novel Experimental Approach to Understand Viral Replication and Evolution in Vivo 2011 ,		6
51	Different interaction between HIV-1 Vif and its cellular target proteins APOBEC3G/APOBEC3F. <i>Journal of Medical Investigation</i> , 2010 , 57, 89-94	1.2	6
50	Ultrasensitive and rapid enzyme immunoassay (thin aqueous layer immune complex transfer enzyme immunoassay) for antibody IgG to HIV-1 p17 antigen. <i>Journal of Clinical Laboratory Analysis</i> , 1998 , 12, 179-89	3	6
49	Establishment of a biological assay system for human retroviral protease activity. <i>Microbes and Infection</i> , 2005 , 7, 820-4	9.3	6

48	Selective expression of beta 7 integrin on lymphocytes undergoing apoptosis in lymphoid tissues. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 244, 578-82	3-4	6
47	Functional analysis of vif genes derived from various primate immunodeficiency viruses. <i>Virus Genes</i> , 1997 , 14, 195-200	2-3	5
46	Construction of gag-chimeric viruses between HIV-1 and SIVmac that are capable of productive multi-cycle infection. <i>Microbes and Infection</i> , 2006 , 8, 1075-81	9-3	5
45	Role of Us3 gene of herpes simplex virus type 1 for resistance to interferon.. <i>International Journal of Molecular Medicine</i> , 2004 , 14, 641	4-4	5
44	Lack of apoptosis in Sendai virus-infected HEp-2 cells without participation of viral antiapoptosis gene. <i>Microbes and Infection</i> , 2001 , 3, 1115-21	9-3	5
43	The potential of various HIV-1 mutants to inhibit the replication of wild-type virus. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 247, 349-52	3-4	5
42	Phylogenetic Insights into the Functional Relationship between Primate Lentiviral Reverse Transcriptase and Accessory Proteins Vpx/Vpr. <i>Frontiers in Microbiology</i> , 2016 , 7, 1655	5-7	5
41	Allosteric Regulation of HIV-1 Capsid Structure for Gag Assembly, Virion Production, and Viral Infectivity by a Disordered Interdomain Linker. <i>Journal of Virology</i> , 2019 , 93,	6-6	4
40	Generation and characterization of new CCR5-tropic HIV-1rmt clones. <i>Journal of Medical Investigation</i> , 2017 , 64, 272-279	1-2	4
39	Virology as biosystematics: towards understanding the viral infection biology. <i>Frontiers in Microbiology</i> , 2010 , 1, 2	5-7	4
38	Suppression of HIV-2 replication by HIV-1 gag mutants. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 248, 418-21	3-4	4
37	Replication potentials of vif variant viruses generated from monkey cell-tropic HIV-1 derivative clones NL-DT5/NL-DT5R. <i>Microbes and Infection</i> , 2008 , 10, 1218-22	9-3	4
36	Apparent lack of trans-dominant negative effects of various vif mutants on the replication of HIV-1. <i>Microbes and Infection</i> , 2002 , 4, 1203-7	9-3	4
35	Growth characteristics of SHIV without the vpu gene. <i>International Journal of Molecular Medicine</i> , 2001 , 8, 641-4	4-4	4
34	Host cell-dependent replication of HIV-1 mutants with deletions in gp41 cytoplasmic tail region is independent of the function of Vif. <i>Microbes and Infection</i> , 2000 , 2, 1019-23	9-3	4
33	Amino acid alterations in Gag that confer the ability to grow in simian cells on HIV-1 are located at a narrow CA region. <i>Journal of Medical Investigation</i> , 2009 , 56, 21-5	1-2	4
32	CXCR4- and CCR5-Tropic HIV-1 Clones Are Both Tractable to Grow in Rhesus Macaques. <i>Frontiers in Microbiology</i> , 2018 , 9, 2510	5-7	4
31	Concomitant Enhancement of HIV-1 Replication Potential and Neutralization-Resistance in Concert With Three Adaptive Mutations in Env V1/C2/C4 Domains. <i>Frontiers in Microbiology</i> , 2019 , 10, 2	5-7	3

30	Comparison of Biochemical Properties of HIV-1 and HIV-2 Capsid Proteins. <i>Frontiers in Microbiology</i> , 2017 , 8, 1082	5-7	3
29	Production of HIV-1 mRNA Is Modulated by Natural Nucleotide Variations and SLSA1 RNA Structure in SA1D2prox Genomic Region. <i>Frontiers in Microbiology</i> , 2017 , 8, 2542	5-7	3
28	Effects of lysine to arginine mutations in HIV-1 Vif on its expression and viral infectivity. <i>International Journal of Molecular Medicine</i> , 2006 , 18, 679	4-4	3
27	Susceptibility of HVS-immortalized lymphocytic HSC-F cells to various strains and mutants of HIV/SIV. <i>International Journal of Molecular Medicine</i> , 2003 , 11, 641	4-4	3
26	Expression Profiles of Vpx/Vpr Proteins Are Co-related with the Primate Lentiviral Lineage. <i>Frontiers in Microbiology</i> , 2016 , 7, 1211	5-7	3
25	HIV-1 mutates to adapt in fluxing environments. <i>Microbes and Infection</i> , 2018 , 20, 610-614	9-3	2
24	Role of poly-proline motif in HIV-2 Vpx expression. <i>Frontiers in Microbiology</i> , 2014 , 5, 24	5-7	2
23	The Fourth Major Restriction Factor Against HIV/SIV. <i>Frontiers in Microbiology</i> , 2011 , 2, 132	5-7	2
22	HIV-1 Nef impairs multiple T-cell functions in antigen-specific immune response in mice. <i>International Immunology</i> , 2011 , 23, 433-41	4-9	2
21	Gag-Pol region determines the tropism of SIVagm for human cells. <i>Virus Genes</i> , 1998 , 16, 137-9	2-3	2
20	Comparative analysis of human and macaque monkey CD4: differences in formaldehyde lability and conformation. <i>Experimental Animals</i> , 1998 , 47, 23-7	1-8	2
19	Expression Level of HIV-1 Vif Can Be Fluctuated by Natural Nucleotide Variations in the -Coding and Regulatory SA1D2prox Sequences of the Proviral Genome. <i>Frontiers in Microbiology</i> , 2019 , 10, 2758	5-7	2
18	Complete Genome Sequences of Human Immunodeficiency Type 1 Viruses Genetically Engineered To Be Tropic for Rhesus Macaques. <i>Genome Announcements</i> , 2017 , 5,		1
17	Role for Gag-CA Interdomain Linker in Primate Lentiviral Replication. <i>Frontiers in Microbiology</i> , 2019 , 10, 1831	5-7	1
16	Single-amino acid mutation 66SR in Gag-matrix enhances viral single-cycle infectivity of R5-tropic HIV-1rmt. <i>Journal of Medical Investigation</i> , 2015 , 62, 228-32	1-2	1
15	Commentary on a New Era of Investigating 3D Structure-Based Human-Virus Protein Network Dynamics. <i>Frontiers in Microbiology</i> , 2011 , 2, 186	5-7	1
14	Complete inhibition of SIVmac replication by its capsid mutants. <i>Virus Genes</i> , 1998 , 17, 43-8	2-3	1
13	Rapid formation of the immune complexes on solid phase in the immune complex transfer enzyme immunoassays for HIV-1 p24 antigen and antibody IgGs to HIV-1. <i>Journal of Clinical Laboratory Analysis</i> , 1998 , 12, 227-37	3	1

12	Generation and characterization of HIV-1 clones chimeric for subtypes B and C nef. <i>International Journal of Molecular Medicine</i> , 2004 , 14, 1087	4.4	1
11	Determination of HIV-1 infectivity by lymphocytic cell lines with integrated luciferase gene. <i>International Journal of Molecular Medicine</i> , 2004 , 14, 1073	4.4	1
10	Morphological study on biologically distinct vpx/vpr mutants of HIV-2. <i>Journal of Medical Investigation</i> , 2006 , 53, 271-6	1.2	1
9	Virological characterization of HIV-1 CA-NTD mutants constructed in a virus-lineage reflected manner. <i>Journal of Medical Investigation</i> , 2018 , 65, 110-115	1.2	1
8	Generation and characterization of HIV-1 clones chimeric for subtypes B and C nef. <i>International Journal of Molecular Medicine</i> , 2004 , 14, 1087-90	4.4	1
7	Structural biology for virus research. <i>Frontiers in Microbiology</i> , 2012 , 3, 91	5.7	0
6	Species-Specific Valid Ternary Interactions of HIV-1 Env-gp120, CD4, and CCR5 as Revealed by an Adaptive Single-Amino Acid Substitution at the V3 Loop Tip. <i>Journal of Virology</i> , 2021 , 95, e0217720	6.6	0
5	Commentary: Derivation of Simian Tropic HIV-1 Infectious Clone Reveals Virus Adaptation to a New Host. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 235	5.9	
4	HIV-1 Vpr and G2 cell cycle arrest. <i>Future Microbiology</i> , 2011 , 6, 375-8	2.9	
3	Preparations of recombinant HIV-1 p66 antigen to improve the specificity of immune complex transfer enzyme immunoassay of antibody IgG to HIV-1 reverse transcriptase. <i>Journal of Clinical Laboratory Analysis</i> , 2000 , 14, 169-79	3	
2	Cell-dependent replication potentials of HIV-1 gag mutants. <i>Microbes and Infection</i> , 1999 , 1, 671-6	9.3	
1	Growth properties of macaque-tropic HIV-1 clones carrying vpr/vpx genes derived from simian immunodeficiency viruses in place of their vpr regions. <i>Journal of Medical Investigation</i> , 2014 , 61, 374-9	1.2	