Hiroaki Takeuchi

List of Publications by Year
in descending order

53	1,674	304602	289141
papers	citations	22 h-index	40 g-index

54	54	54	1701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biochemical Activities of Highly Purified, Catalytically Active Human APOBEC3G: Correlation with Antiviral Effect. Journal of Virology, 2006, 80, 5992-6002.	1.5	184
2	Viral RNA Is Required for the Association of APOBEC3G with Human Immunodeficiency Virus Type 1 Nucleoprotein Complexes. Journal of Virology, 2005, 79, 5870-5874.	1.5	170
3	Enzymatically Active APOBEC3G Is Required for Efficient Inhibition of Human Immunodeficiency Virus Type 1. Journal of Virology, 2007, 81, 13346-13353.	1.5	137
4	Production of infectious human immunodeficiency virus type 1 does not require depletion of APOBEC3G from virus-producing cells. Retrovirology, 2004, 1, 27.	0.9	89
5	Human Immunodeficiency Virus Type 1 Vif Inhibits Packaging and Antiviral Activity of a Degradation-Resistant APOBEC3G Variant. Journal of Virology, 2007, 81, 8236-8246.	1.5	83
6	Monomeric APOBEC3G Is Catalytically Active and Has Antiviral Activity. Journal of Virology, 2006, 80, 4673-4682.	1.5	76
7	Analysis of the contribution of cellular and viral RNA to the packaging of APOBEC3G into HIV-1 virions. Retrovirology, 2007, 4, 48.	0.9	70
8	Discovery and Development of Anti-HIV Therapeutic Agents: Progress Towards Improved HIV Medication. Current Topics in Medicinal Chemistry, 2019, 19, 1621-1649.	1.0	68
9	Gag-Specific Cytotoxic T-Lymphocyte-Based Control of Primary Simian Immunodeficiency Virus Replication in a Vaccine Trial. Journal of Virology, 2008, 82, 10199-10206.	1.5	57
10	Anti-V3 Humanized Antibody KD-247 Effectively Suppresses Ex Vivo Generation of Human Immunodeficiency Virus Type 1 and Affords Sterile Protection of Monkeys against a Heterologous Simian/Human Immunodeficiency Virus Infection. Journal of Virology, 2006, 80, 5563-5570.	1.5	47
11	Host factors involved in resistance to retroviral infection. Microbiology and Immunology, 2008, 52, 318-325.	0.7	46
12	A Carboxy-Terminally Truncated Human CPSF6 Lacking Residues Encoded by Exon 6 Inhibits HIV-1 cDNA Synthesis and Promotes Capsid Disassembly. Journal of Virology, 2013, 87, 7726-7736.	1.5	44
13	HIV-1 Vif promotes the formation of high molecular mass APOBEC3G complexes. Virology, 2008, 372, 136-146.	1.1	42
14	Sequence-specific inhibition of a transcription factor by circular dumbbell DNA oligonucleotides. FEBS Letters, 1999, 461, 136-140.	1.3	41
15	Production of infectious virus and degradation of APOBEC3G are separable functional properties of human immunodeficiency virus type 1 Vif. Virology, 2007, 369, 329-339.	1.1	36
16	HIV-1 DNA-capture-seq is a useful tool for the comprehensive characterization of HIV-1 provirus. Scientific Reports, 2019, 9, 12326.	1.6	33
17	BI-2536 and BI-6727, dual Polo-like kinase/bromodomain inhibitors, effectively reactivate latent HIV-1. Scientific Reports, 2018, 8, 3521.	1.6	30
18	Direct and label-free influenza virus detection based on multisite binding to sialic acid receptors. Biosensors and Bioelectronics, 2017, 92, 234-240.	5.3	29

#	Article	IF	Citations
19	Automated amplification-free digital RNA detection platform for rapid and sensitive SARS-CoV-2 diagnosis. Communications Biology, 2022, 5, .	2.0	28
20	Phosphorylation of the HIV-1 capsid by MELK triggers uncoating to promote viral cDNA synthesis. PLoS Pathogens, 2017, 13, e1006441.	2.1	27
21	Production of Infectious SIVagm from Human Cells Requires Functional Inactivation but Not Viral Exclusion of Human APOBEC3G. Journal of Biological Chemistry, 2005, 280, 375-382.	1.6	24
22	Inhibition of Human Immunodeficiency Virus Type 1 Activity In Vitro by a New Self-Stabilized Oligonucleotide with Guanosine-Thymidine Quadruplex Motifs. Journal of Virology, 2002, 76, 3015-3022.	1.5	23
23	Viral load of SARSâ€CoVâ€2 Omicron is not high despite its high infectivity. Journal of Medical Virology, 2022, 94, 5543-5546.	2.5	22
24	Heat Shock Protein 70 Inhibits HIV-1 Vif-mediated Ubiquitination and Degradation of APOBEC3G. Journal of Biological Chemistry, 2011, 286, 10051-10057.	1.6	20
25	Arterial and Venous Thrombosis Complicated in COVID-19: A Retrospective Single Center Analysis in Japan. Frontiers in Cardiovascular Medicine, 2021, 8, 767074.	1.1	20
26	Viral loads and profile of the patients infected with SARSâ€CoVâ€2 Delta, Alpha, or R.1 variants in Tokyo. Journal of Medical Virology, 2022, 94, 1707-1710.	2.5	20
27	Vif Counteracts a Cyclophilin A-Imposed Inhibition of Simian Immunodeficiency Viruses in Human Cells. Journal of Virology, 2007, 81, 8080-8090.	1.5	15
28	Broadening of CD8+ cell responses in vaccine-based simian immunodeficiency virus controllers. Aids, 2010, 24, 2777-2787.	1.0	15
29	The Antiviral Spectra of TRIM5Î± Orthologues and Human TRIM Family Proteins against Lentiviral Production. PLoS ONE, 2011, 6, e16121.	1.1	15
30	M-Sec facilitates intercellular transmission of HIV-1 through multiple mechanisms. Retrovirology, 2020, 17, 20.	0.9	14
31	N-terminally truncated POM121C inhibits HIV-1 replication. PLoS ONE, 2017, 12, e0182434.	1.1	14
32	eIF4A2 is a host factor required for efficient HIV-1 replication. Microbes and Infection, 2018, 20, 346-352.	1.0	13
33	SARSâ€CoVâ€2 R.1 lineage variants that prevailed in Tokyo in March 2021. Journal of Medical Virology, 2021, 93, 6833-6836.	2.5	12
34	Inhibition of human immunodeficiency virus type 1 replication by P-stereodefined oligo(nucleoside) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	11
35	Isolation and Characterization of an Infectious HIV Type 1 Molecular Clone from a Patient with Primary Infection. AIDS Research and Human Retroviruses, 2002, 18, 1127-1133.	0.5	10
36	Host cell species-specific effect of cyclosporine A on simian immunodeficiency virus replication. Retrovirology, 2012, 9, 3.	0.9	10

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37	Robust Enhancement of Lentivirus Production by Promoter Activation. Scientific Reports, 2018, 8, 15036.	1.6	10
38	A structural constraint for functional interaction between N-terminal and C-terminal domains in simian immunodeficiency virus capsid proteins. Retrovirology, 2010, 7, 90.	0.9	9
39	Inhibition of HIV-1 Replication by an HIV-1 Dependent Ribozyme Expression Vector with the Cre/loxP (ON/OFF) System. Antiviral Chemistry and Chemotherapy, 2002, 13, 273-281.	0.3	7
40	Induction of heat-shock protein 70 by prostaglandin A1 inhibits HIV-1 Vif-mediated degradation of APOBEC3G. Antiviral Research, 2013, 99, 307-311.	1.9	7
41	Flavivirus recruits the valosin-containing proteinâ€“NPL4 complex to induce stress granule disassembly for efficient viral genome replication. Journal of Biological Chemistry, 2022, 298, 101597.	1.6	7
42	SIV replication in human cells. Frontiers in Microbiology, 2012, 3, 162.	1.5	5
43	Inhibition of human immunodeficiency virus 1 replication in vitro by a self-stabilized oligonucleotide with 2'-O-methyl-guanosine-uridine quadruplex motifs. Journal of Antimicrobial Chemotherapy, 2003, 51, 813-819.	1.3	4
44	Suppressor of Cytokine Signaling 1 Counteracts Rhesus Macaque TRIM5Î±-Induced Inhibition of Human Immunodeficiency Virus Type-1 Production. PLoS ONE, 2014, 9, e109640.	1.1	4
45	Human SMOOTHENED inhibits human immunodeficiency virus type 1 infection. Biochemical and Biophysical Research Communications, 2017, 493, 132-138.	1.0	4
46	A20 restores phorbol esterâ€induced differentiation of THPâ€1 cells in the absence of nuclear factorâ€ºB activation. Journal of Cellular Biochemistry, 2018, 119, 1475-1487.	1.2	4
47	PATZ1 is required for efficient HIV-1 infection. Biochemical and Biophysical Research Communications, 2019, 514, 538-544.	1.0	3
48	Identification and characterization of Stathmin 1 as a host factor involved in HIV-1 latency. Biochemical and Biophysical Research Communications, 2021, 567, 106-111.	1.0	3
49	EFFECTIVE SUPPRESSION OF HIV-1 GENE EXPRESSION BY A MAMMALIAN tRNA 3â€² PROCESSING ENDORIBONUCLEASE AND EXTERNAL GUIDE SEQUENCE OLIGOZYMES. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 719-722.	0.4	2
50	INHIBITION OF HIV-1 REPLICATION BY THE CRE-LOXP HAMMERHEAD RIBOZYME. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 723-726.	0.4	2
51	Contribution of Cyclophilin A to determination of simian immunodeficiency virus tropism: A progress update. Vaccine, 2010, 28, B51-B54.	1.7	2
52	Suppression of Human Immunodeficiency Virus Type 1 (HIV-1) Replication by an HIV-1-dependent Double Locked Vector with the Cre/loxP System. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 1907-1917.	0.4	1
53	Maternal embryonic leucine zipper kinase (MELK) optimally regulates the HIV-1 uncoating process. Journal of Theoretical Biology, 2022, , 111152.	0.8	0