Yoshio Koyanagi

List of Publications by Year
in descending order

41 papers	2,787 citations	361045 20 h-index	377514 34 g-index
42 all docs	42 docs citations	42 times ranked	5037 citing authors

#	Article	IF	Citations
1	Antithetic effect of interferon-Î± on cell-free and cell-to-cell HIV-1 infection. PLoS Computational Biology, 2022, 18, e1010053.	1.5	1
2	HIVâ€1 tracing method of systemic viremia in vivo using an artificially mutated virus pool. Microbiology and Immunology, 2021, 65, 17-27.	0.7	0
3	CAGE-Seq Reveals that HIV-1 Latent Infection Does Not Trigger Unique Cellular Responses in a Jurkat T Cell Model. Journal of Virology, 2021, 95, .	1.5	1
4	Comprehensive Investigation on the Interplay between Feline APOBEC3Z3 Proteins and Feline Immunodeficiency Virus Vif Proteins. Journal of Virology, 2021, 95, e0017821.	1.5	3
5	Resistance of SARS-CoV-2 variants to neutralization by antibodies induced in convalescent patients with COVID-19. Cell Reports, 2021, 36, 109385.	2.9	23
6	Development of 7SK snRNA Mimics That Inhibit HIV Transcription. ChemMedChem, 2021, 16, 3181-3184.	1.6	1
7	SARS-CoV-2 ORF3b Is a Potent Interferon Antagonist Whose Activity Is Increased by a Naturally Occurring Elongation Variant. Cell Reports, 2020, 32, 108185.	2.9	345
8	Endogenous retroviruses drive KRAB zinc-finger protein family expression for tumor suppression. Science Advances, 2020, 6, .	4.7	36
9	M-Sec facilitates intercellular transmission of HIV-1 through multiple mechanisms. Retrovirology, 2020, 17, 20.	0.9	14
10	Multiomics Investigation Revealing the Characteristics of HIV-1-Infected Cells InÂVivo. Cell Reports, 2020, 32, 107887.	2.9	9
11	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. PLoS Pathogens, 2020, 16, e1008812.	2.1	16
12	Quantifying the antiviral effect of APOBEC3 on HIV-1 infection in humanized mouse model. Journal of Theoretical Biology, 2020, 498, 110295.	0.8	0
13	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
14	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
15	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
16	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
17	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
18	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. Nature Microbiology, 2019, 4, 1532-1544.	5.9	61

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19	Comparative Description of the Expression Profile of Interferon-Stimulated Genes in Multiple Cell Lineages Targeted by HIV-1 Infection. Frontiers in Microbiology, 2019, 10, 429.	1.5	21
20	Human-Specific Adaptations in Vpu Conferring Anti-tetherin Activity Are Critical for Efficient Early HIV-1 Replication InAVivo. Cell Host and Microbe, 2018, 23, 110-120.e7.	5.1	43
21	Experimental Adaptive Evolution of Simian Immunodeficiency Virus SIVcpz to Pandemic Human Immunodeficiency Virus Type 1 by Using a Humanized Mouse Model. Journal of Virology, 2018, 92, .	1.5	21
22	New World feline APOBEC3 potently controls inter-genus lentiviral transmission. Retrovirology, 2018, 15, 31.	0.9	7
23	Different effects of two mutations on the infectivity of Ebola virus glycoprotein in nine mammalian species. Journal of General Virology, 2018, 99, 181-186.	1.3	21
24	A naturally occurring feline APOBEC3 variant that loses anti-lentiviral activity by lacking two amino acid residues. Journal of General Virology, 2018, 99, 704-709.	1.3	6
25	Functional mutations in spike glycoprotein of Zaire ebolavirus associated with an increase in infection efficiency. Genes To Cells, 2017, 22, 148-159.	0.5	29
26	Various plus unique: Viral protein U as a plurifunctional protein for HIV-1 replication. Experimental Biology and Medicine, 2017, 242, 850-858.	1.1	8
27	Dynamics and mechanisms of clonal expansion of HIV-1-infected cells in a humanized mouse model. Scientific Reports, 2017, 7, 6913.	1.6	24
28	Broad-spectrum antiviral agents: secreted phospholipase A2 targets viral envelope lipid bilayers derived from the endoplasmic reticulum membrane. Scientific Reports, 2017, 7, 15931.	1.6	38
29	A conflict of interest: the evolutionary arms race between mammalian APOBEC3 and lentiviral Vif. Retrovirology, 2017, 14, 31.	0.9	44
30	Type I Interferon Responses by HIV-1 Infection: Association with Disease Progression and Control. Frontiers in Immunology, 2017, 8, 1823.	2.2	72
31	HIV-1 competition experiments in humanized mice show that APOBEC3H imposes selective pressure and promotes virus adaptation. PLoS Pathogens, 2017, 13, e1006348.	2.1	41
32	A High Excision Potential of TALENs for Integrated DNA of HIV-Based Lentiviral Vector. PLoS ONE, 2015, 10, e0120047.	1.1	48
33	Cell-to-cell infection by HIV contributes over half of virus infection. ELife, 2015, 4, .	2.8	137
34	APOBEC3D and APOBEC3F Potently Promote HIV-1 Diversification and Evolution in Humanized Mouse Model. PLoS Pathogens, 2014, 10, e1004453.	2.1	79
35	HIV-1 Vpr Accelerates Viral Replication during Acute Infection by Exploitation of Proliferating CD4+ T Cells In Vivo. PLoS Pathogens, 2013, 9, e1003812.	2.1	49
36	Vpu Augments the Initial Burst Phase of HIV-1 Propagation and Downregulates BST2 and CD4 in Humanized Mice. Journal of Virology, 2012, 86, 5000-5013.	1.5	65

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37	The Hematopoietic Cell-Specific Rho GTPase Inhibitor ARHGDIB/D4GDI Limits HIV Type 1 Replication. AIDS Research and Human Retroviruses, 2012, 28, 913-922.	0.5	20
38	Remarkable Lethal G-to-A Mutations in vif- Proficient HIV-1 Provirus by Individual APOBEC3 Proteins in Humanized Mice. Journal of Virology, 2010, 84, 9546-9556.	1.5	77
39	Dynamics of memory and naÃ¯ve CD8+ T lymphocytes in humanized NOD/SCID/IL-2RÎ³null mice infected with CCR5-tropic HIV-1. Vaccine, 2010, 28, B32-B37.	1.7	44
40	Selective infection of CD4+ effector memory T lymphocytes leads to preferential depletion of memory T lymphocytes in R5 HIV-1-infected humanized NOD/SCID/IL-2RÎ³null mice. Virology, 2009, 394, 64-72.	1.1	59
41	NOD/SCID/Î³cnull mouse: an excellent recipient mouse model for engraftment of human cells. Blood, 2002, 100, 3175-3182.	0.6	1,322