

# Yoshio Koyanagi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3835842/publications.pdf>

Version: 2024-02-01

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	NOD/SCID/ $\beta^3$ cnll mouse: an excellent recipient mouse model for engraftment of human cells. <i>Blood</i> , 2002, 100, 3175-3182.	0.6	1,322
2	SARS-CoV-2 ORF3b Is a Potent Interferon Antagonist Whose Activity Is Increased by a Naturally Occurring Elongation Variant. <i>Cell Reports</i> , 2020, 32, 108185.	2.9	345
3	Cell-to-cell infection by HIV contributes over half of virus infection. <i>ELife</i> , 2015, 4, .	2.8	137
4	APOBEC3D and APOBEC3F Potently Promote HIV-1 Diversification and Evolution in Humanized Mouse Model. <i>PLoS Pathogens</i> , 2014, 10, e1004453.	2.1	79
5	Remarkable Lethal G-to-A Mutations in <i>vif</i> Proficient HIV-1 Provirus by Individual APOBEC3 Proteins in Humanized Mice. <i>Journal of Virology</i> , 2010, 84, 9546-9556.	1.5	77
6	Type I Interferon Responses by HIV-1 Infection: Association with Disease Progression and Control. <i>Frontiers in Immunology</i> , 2017, 8, 1823.	2.2	72
7	Vpu Augments the Initial Burst Phase of HIV-1 Propagation and Downregulates BST2 and CD4 in Humanized Mice. <i>Journal of Virology</i> , 2012, 86, 5000-5013.	1.5	65
8	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. <i>Nature Microbiology</i> , 2019, 4, 1532-1544.	5.9	61
9	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-2R $\beta^3$ null mice. <i>Virology</i> , 2009, 394, 64-72.	1.1	59
10	HIV-1 Vpr Accelerates Viral Replication during Acute Infection by Exploitation of Proliferating CD4+ T Cells In Vivo. <i>PLoS Pathogens</i> , 2013, 9, e1003812.	2.1	49
11	A High Excision Potential of TALENs for Integrated DNA of HIV-Based Lentiviral Vector. <i>PLoS ONE</i> , 2015, 10, e0120047.	1.1	48
12	Dynamics of memory and na $\ddot{u}$ ve CD8+ T lymphocytes in humanized NOD/SCID/IL-2R $\beta^3$ null mice infected with CCR5-tropic HIV-1. <i>Vaccine</i> , 2010, 28, B32-B37.	1.7	44
13	A conflict of interest: the evolutionary arms race between mammalian APOBEC3 and lentiviral Vif. <i>Retrovirology</i> , 2017, 14, 31.	0.9	44
14	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
15	HIV-1 competition experiments in humanized mice show that APOBEC3H imposes selective pressure and promotes virus adaptation. <i>PLoS Pathogens</i> , 2017, 13, e1006348.	2.1	41
16	Broad-spectrum antiviral agents: secreted phospholipase A2 targets viral envelope lipid bilayers derived from the endoplasmic reticulum membrane. <i>Scientific Reports</i> , 2017, 7, 15931.	1.6	38
17	Endogenous retroviruses drive KRAB zinc-finger protein family expression for tumor suppression. <i>Science Advances</i> , 2020, 6, .	4.7	36
18	Functional mutations in spike glycoprotein of Zaire ebolavirus associated with an increase in infection efficiency. <i>Genes To Cells</i> , 2017, 22, 148-159.	0.5	29

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19	Dynamics and mechanisms of clonal expansion of HIV-1-infected cells in a humanized mouse model. <i>Scientific Reports</i> , 2017, 7, 6913.	1.6	24
20	Resistance of SARS-CoV-2 variants to neutralization by antibodies induced in convalescent patients with COVID-19. <i>Cell Reports</i> , 2021, 36, 109385.	2.9	23
21	Experimental Adaptive Evolution of Simian Immunodeficiency Virus SIVcpz to Pandemic Human Immunodeficiency Virus Type 1 by Using a Humanized Mouse Model. <i>Journal of Virology</i> , 2018, 92, .	1.5	21
22	Comparative Description of the Expression Profile of Interferon-Stimulated Genes in Multiple Cell Lineages Targeted by HIV-1 Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 429.	1.5	21
23	Different effects of two mutations on the infectivity of Ebola virus glycoprotein in nine mammalian species. <i>Journal of General Virology</i> , 2018, 99, 181-186.	1.3	21
24	The Hematopoietic Cell-Specific Rho GTPase Inhibitor ARHGDI1B/D4GDI Limits HIV Type 1 Replication. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 913-922.	0.5	20
25	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. <i>PLoS Pathogens</i> , 2020, 16, e1008812.	2.1	16
26	M-Sec facilitates intercellular transmission of HIV-1 through multiple mechanisms. <i>Retrovirology</i> , 2020, 17, 20.	0.9	14
27	Multiomics Investigation Revealing the Characteristics of HIV-1-Infected Cells In Vivo. <i>Cell Reports</i> , 2020, 32, 107887.	2.9	9
28	Various plus unique: Viral protein U as a plurifunctional protein for HIV-1 replication. <i>Experimental Biology and Medicine</i> , 2017, 242, 850-858.	1.1	8
29	New World feline APOBEC3 potently controls inter-genus lentiviral transmission. <i>Retrovirology</i> , 2018, 15, 31.	0.9	7
30	A naturally occurring feline APOBEC3 variant that loses anti-lentiviral activity by lacking two amino acid residues. <i>Journal of General Virology</i> , 2018, 99, 704-709.	1.3	6
31	Comprehensive Investigation on the Interplay between Feline APOBEC3Z3 Proteins and Feline Immunodeficiency Virus Vif Proteins. <i>Journal of Virology</i> , 2021, 95, e0017821.	1.5	3
32	CAGE-Seq Reveals that HIV-1 Latent Infection Does Not Trigger Unique Cellular Responses in a Jurkat T Cell Model. <i>Journal of Virology</i> , 2021, 95, .	1.5	1
33	Development of 7SK snRNA Mimics That Inhibit HIV Transcription. <i>ChemMedChem</i> , 2021, 16, 3181-3184.	1.6	1
34	Antithetic effect of interferon- $\lambda$ on cell-free and cell-to-cell HIV-1 infection. <i>PLoS Computational Biology</i> , 2022, 18, e1010053.	1.5	1
35	Quantifying the antiviral effect of APOBEC3 on HIV-1 infection in humanized mouse model. <i>Journal of Theoretical Biology</i> , 2020, 498, 110295.	0.8	0
36	HIV-1 tracing method of systemic viremia in vivo using an artificially mutated virus pool. <i>Microbiology and Immunology</i> , 2021, 65, 17-27.	0.7	0

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37	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
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39	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
40	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0
41	A role for gorilla APOBEC3G in shaping lentivirus evolution including transmission to humans. , 2020, 16, e1008812.		0