

Jiro Yasuda

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97
papers

2,415
citations

25
h-index

46
g-index

111
ext. papers

2,876
ext. citations

5.6
avg, IF

4.84
L-index

#	Paper	IF	Citations
97	Inhibition of Lassa and Marburg virus production by tetherin. <i>Journal of Virology</i> , 2009 , 83, 2382-5	6.6	236
96	Nedd4 regulates egress of Ebola virus-like particles from host cells. <i>Journal of Virology</i> , 2003 , 77, 9987-9	6.6	151
95	A proline-rich motif (PPPY) in the Gag polyprotein of Mason-Pfizer monkey virus plays a maturation-independent role in virion release. <i>Journal of Virology</i> , 1998 , 72, 4095-103	6.6	135
94	Cellular factors required for Lassa virus budding. <i>Journal of Virology</i> , 2006 , 80, 4191-5	6.6	134
93	Molecular assembly of influenza virus: association of the NS2 protein with virion matrix. <i>Virology</i> , 1993 , 196, 249-55	3.6	120
92	Functional involvement of a novel Nedd4-like ubiquitin ligase on retrovirus budding. <i>EMBO Reports</i> , 2002 , 3, 636-40	6.5	96
91	Interaction of Tsg101 with Marburg virus VP40 depends on the PPPY motif, but not the PT/SAP motif as in the case of Ebola virus, and Tsg101 plays a critical role in the budding of Marburg virus-like particles induced by VP40, NP, and GP. <i>Journal of Virology</i> , 2007 , 81, 4895-9	6.6	85
90	Rapid and simple detection of Ebola virus by reverse transcription-loop-mediated isothermal amplification. <i>Journal of Virological Methods</i> , 2007 , 141, 78-83	2.6	79
89	Tumour susceptibility gene 101 and the vacuolar protein sorting pathway are required for the release of hepatitis E virions. <i>Journal of General Virology</i> , 2011 , 92, 2838-2848	4.9	73
88	The penta-EF-hand protein ALG-2 interacts directly with the ESCRT-I component TSG101, and Ca ²⁺ -dependently co-localizes to aberrant endosomes with dominant-negative AAA ATPase SKD1/Vps4B. <i>Biochemical Journal</i> , 2005 , 391, 677-85	3.8	61
87	Development and Evaluation of Reverse Transcription-Loop-Mediated Isothermal Amplification (RT-LAMP) Assay Coupled with a Portable Device for Rapid Diagnosis of Ebola Virus Disease in Guinea. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004472	4.8	60
86	CHMP7, a novel ESCRT-III-related protein, associates with CHMP4b and functions in the endosomal sorting pathway. <i>Biochemical Journal</i> , 2006 , 400, 23-32	3.8	52
85	The z protein of the new world arenavirus tacaribe virus has bona fide budding activity that does not depend on known late domain motifs. <i>Journal of Virology</i> , 2009 , 83, 12651-5	6.6	50
84	Identifying Single Viruses Using Biorecognition Solid-State Nanopores. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16834-16841	16.4	50
83	Regulation of Marburg virus (MARV) budding by Nedd4.1: a different WW domain of Nedd4.1 is critical for binding to MARV and Ebola virus VP40. <i>Journal of General Virology</i> , 2010 , 91, 228-34	4.9	44
82	Rapid discrimination of Legionella by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Microbiological Research</i> , 2011 , 166, 77-86	5.3	42
81	Dimerization of tetherin is not essential for its antiviral activity against Lassa and Marburg viruses. <i>PLoS ONE</i> , 2009 , 4, e6934	3.7	40

80	Regulation of human T-cell leukemia virus type 1 (HTLV-1) budding by ubiquitin ligase Nedd4. <i>Microbes and Infection</i> , 2004 , 6, 150-6	9.3	38
79	Development and evaluation of a rapid molecular diagnostic test for Zika virus infection by reverse transcription loop-mediated isothermal amplification. <i>Scientific Reports</i> , 2017 , 7, 13503	4.9	36
78	Sensitive detection of Bacillus anthracis using a binding protein originating from gamma-phage. <i>Microbiology and Immunology</i> , 2007 , 51, 163-9	2.7	36
77	T cell apoptosis causes peripheral T cell depletion in mice transgenic for the HIV-1 vpr gene. <i>Virology</i> , 2001 , 285, 181-92	3.6	35
76	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021 , 374, 423-431	33.3	35
75	Development and evaluation of a simple assay for Marburg virus detection using a reverse transcription-loop-mediated isothermal amplification method. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 2330-6	9.7	28
74	Molecular mechanism of arenavirus assembly and budding. <i>Viruses</i> , 2012 , 4, 2049-79	6.2	27
73	Construction and characterization of an infectious molecular clone of Koala retrovirus. <i>Journal of Virology</i> , 2013 , 87, 5081-8	6.6	25
72	Characterization of the catalytic activity of the gamma-phage lysin, PlyG, specific for Bacillus anthracis. <i>FEMS Microbiology Letters</i> , 2008 , 286, 236-40	2.9	25
71	Rapid detection of all known ebolavirus species by reverse transcription-loop-mediated isothermal amplification (RT-LAMP). <i>Journal of Virological Methods</i> , 2017 , 246, 8-14	2.6	24
70	Cloning and characterization of the antiviral activity of feline Tetherin/BST-2. <i>PLoS ONE</i> , 2011 , 6, e182473.7		24
69	Nuclear import of the preintegration complex is blocked upon infection by human immunodeficiency virus type 1 in mouse cells. <i>Journal of Virology</i> , 2007 , 81, 677-88	6.6	23
68	Structure-based drug discovery for combating influenza virus by targeting the PA-PB1 interaction. <i>Scientific Reports</i> , 2017 , 7, 9500	4.9	22
67	Phospho-Smad1 modulation by nedd4 E3 ligase in BMP/TGF- β signaling. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1411-24	6.3	22
66	Suppressive Effects of the Site 1 Protease (S1P) Inhibitor, PF-429242, on Dengue Virus Propagation. <i>Viruses</i> , 2016 , 8,	6.2	22
65	Functional mutations in spike glycoprotein of Zaire ebolavirus associated with an increase in infection efficiency. <i>Genes To Cells</i> , 2017 , 22, 148-159	2.3	21
64	Defining the relative performance of isothermal assays that can be used for rapid and sensitive detection of foot-and-mouth disease virus. <i>Journal of Virological Methods</i> , 2017 , 249, 102-110	2.6	21
63	Regulation of HTLV-1 Gag budding by Vps4A, Vps4B, and AIP1/Alix. <i>Virology Journal</i> , 2007 , 4, 66	6.1	20

62	Genetic characterization of Lassa virus strains isolated from 2012 to 2016 in southeastern Nigeria. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006971	4.8	20
61	Tofla virus: A newly identified Nairovirus of the Crimean-Congo hemorrhagic fever group isolated from ticks in Japan. <i>Scientific Reports</i> , 2016 , 6, 20213	4.9	19
60	Rapid detection of Lassa virus by reverse transcription-loop-mediated isothermal amplification. <i>Microbiology and Immunology</i> , 2011 , 55, 44-50	2.7	18
59	Pathological changes of renal epithelial cells in mice transgenic for the TT virus ORF1 gene. <i>Journal of General Virology</i> , 2002 , 83, 141-150	4.9	18
58	Identification of the amino acid residues critical for specific binding of the bacteriolytic enzyme of gamma-phage, PlyG, to Bacillus anthracis. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 363, 531-5	3.4	15
57	Replacement of internal protein genes, with the exception of the matrix, in equine 1 viruses by equine 2 influenza virus genes during evolution in nature. <i>Journal of Veterinary Medical Science</i> , 1999 , 61, 987-9	1.1	15
56	Lipopolysaccharide-induced HIV-1 expression in transgenic mice is mediated by tumor necrosis factor-alpha and interleukin-1, but not by interferon-gamma nor interleukin-6. <i>Aids</i> , 2000 , 14, 1299-307	3.5	14
55	Development and evaluation of a rapid and simple diagnostic assay for COVID-19 based on loop-mediated isothermal amplification. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008855	4.8	14
54	Re-emergence of dengue virus serotype 3 infections in Gabon in 2016-2017, and evidence for the risk of repeated dengue virus infections. <i>International Journal of Infectious Diseases</i> , 2020 , 91, 129-136	10.5	14
53	5-amino levulinic acid inhibits SARS-CoV-2 infection in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 545, 203-207	3.4	14
52	Species-Specific Pathogenicity of Severe Fever with Thrombocytopenia Syndrome Virus Is Determined by Anti-STAT2 Activity of NSs. <i>Journal of Virology</i> , 2019 , 93,	6.6	13
51	Identification and functional analysis of three isoforms of bovine BST-2. <i>PLoS ONE</i> , 2012 , 7, e41483	3.7	13
50	Canine ASCT1 and ASCT2 are functional receptors for RD-114 virus in dogs. <i>Journal of General Virology</i> , 2012 , 93, 603-607	4.9	13
49	Role of matrix protein in the type D retrovirus replication cycle: importance of the arginine residue at position 55. <i>Virology</i> , 2000 , 268, 533-8	3.6	13
48	Deployment of a Reverse Transcription Loop-Mediated Isothermal Amplification Test for Ebola Virus Surveillance in Remote Areas in Guinea. <i>Journal of Infectious Diseases</i> , 2016 , 214, S229-S233	7	12
47	Ebolavirus Replication and Tetherin/BST-2. <i>Frontiers in Microbiology</i> , 2012 , 3, 111	5.7	11
46	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	4.9	11
45	Endometrial factors similarly induced by IFNT2 and IFNTc1 through transcription factor FOXS1. <i>PLoS ONE</i> , 2017 , 12, e0171858	3.7	10

44	Analysis of Assembly and Budding of Lujo Virus. <i>Journal of Virology</i> , 2015 , 90, 3257-61	6.6	9
43	BST-2 controls T cell proliferation and exhaustion by shaping the early distribution of a persistent viral infection. <i>PLoS Pathogens</i> , 2018 , 14, e1007172	7.6	9
42	Co-infection of SARS-CoV-2 and influenza virus causes more severe and prolonged pneumonia in hamsters. <i>Scientific Reports</i> , 2021 , 11, 21259	4.9	9
41	Cis- and cell-type-dependent trans-requirements for Lassa virus-like particle production. <i>Journal of General Virology</i> , 2015 , 96, 1626-35	4.9	8
40	Multivesicular body sorting and the exosomal pathway are required for the release of rat hepatitis E virus from infected cells. <i>Virus Research</i> , 2020 , 278, 197868	6.4	8
39	Viral and cellular requirements for the budding of feline endogenous retrovirus RD-114. <i>Virology Journal</i> , 2011 , 8, 540	6.1	7
38	Differences in receptor specificity between Newcastle disease viruses originating from chickens and waterfowl. <i>Journal of Veterinary Medical Science</i> , 1999 , 61, 951-3	1.1	7
37	First evidence for continuous circulation of hepatitis A virus subgenotype IIA in Central Africa. <i>Journal of Viral Hepatitis</i> , 2020 , 27, 1234-1242	3.4	6
36	The cholesterol, fatty acid and triglyceride synthesis pathways regulated by site 1 protease (S1P) are required for efficient replication of severe fever with thrombocytopenia syndrome virus. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 631-636	3.4	6
35	Inhibition of budding/release of porcine endogenous retrovirus. <i>Microbiology and Immunology</i> , 2014 , 58, 432-8	2.7	6
34	Roles of the three L-domains in Retrovirus budding. <i>Microbiology and Immunology</i> , 2015 , 59, 545-54	2.7	6
33	Epigenetic regulation on the 5'proximal CpG island of human porcine endogenous retrovirus subgroup A receptor 2/GPR172B. <i>Microbes and Infection</i> , 2011 , 13, 49-57	9.3	6
32	Human BST-2/tetherin inhibits Junin virus release from host cells and its inhibition is partially counteracted by viral nucleoprotein. <i>Journal of General Virology</i> , 2020 , 101, 573-586	4.9	6
31	iPSC screening for drug repurposing identifies anti-RNA virus agents modulating host cell susceptibility. <i>FEBS Open Bio</i> , 2021 , 11, 1452-1464	2.7	6
30	Detection of SARS-CoV-2 using qRT-PCR in saliva obtained from asymptomatic or mild COVID-19 patients, comparative analysis with matched nasopharyngeal samples. <i>PLoS ONE</i> , 2021 , 16, e0252964	3.7	6
29	Identification of cellular factors required for the budding of koala retrovirus. <i>Microbiology and Immunology</i> , 2013 , 57, 543-6	2.7	5
28	Unusual permeability of porcine endogenous retrovirus subgroup A through membrane filters. <i>Journal of Veterinary Medical Science</i> , 2010 , 72, 67-71	1.1	5
27	Surveillance of the major pathogenic arboviruses of public health concern in Gabon, Central Africa: increased risk of West Nile virus and dengue virus infections. <i>BMC Infectious Diseases</i> , 2021 , 21, 265	4	5

26	Development of an RT-LAMP assay for the detection of Lassa viruses in southeast and south-central Nigeria. <i>Journal of Virological Methods</i> , 2019 , 269, 30-37	2.6	4
25	Suppression of production of baboon endogenous virus by dominant negative mutants of cellular factors involved in multivesicular body sorting pathway. <i>Virus Research</i> , 2015 , 196, 128-34	6.4	4
24	A new approach to establish a cell line with reduced risk of endogenous retroviruses. <i>PLoS ONE</i> , 2013 , 8, e61530	3.7	4
23	Mapping of a neutralizing epitope in the surface envelope protein of porcine endogenous retrovirus subgroup B. <i>Journal of General Virology</i> , 2011 , 92, 940-4	4.9	4
22	Novel endogenous retrovirus-derived transcript expressed in the bovine placenta is regulated by WNT signaling. <i>Biochemical Journal</i> , 2017 , 474, 3499-3512	3.8	3
21	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa		3
20	SARS-CoV-2 emerging variants in Africa: view from Gabon. <i>Lancet Microbe, The</i> , 2021 , 2, e349	22.2	3
19	Antiviral activity of 5-aminolevulinic acid against variants of severe acute respiratory syndrome coronavirus 2.. <i>Tropical Medicine and Health</i> , 2022 , 50, 6	3.4	2
18	Roles of YIGL sequence of Ebola virus VP40 on genome replication and particle production. <i>Journal of General Virology</i> , 2019 , 100, 1099-1111	4.9	2
17	Analysis of the Cell Type-Dependence on the Arenavirus Z-Mediated Virus-Like Particle Production. <i>Frontiers in Microbiology</i> , 2020 , 11, 562814	5.7	2
16	Identification of potential novel hosts and the risk of infection with lymphocytic choriomeningitis virus in humans in Gabon, Central Africa. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 452-459	10.5	2
15	Changes in Gene Expression Associated with Conceptus Implantation to the Maternal Endometrium. <i>Journal of Mammalian Ova Research</i> , 2013 , 30, 2-10		1
14	5-amino levulinic acid inhibits SARS-CoV-2 infection in vitro		1
13	Development and Application of a Rapid and Simple Method for Extracting Nucleic Acids from Microbes.. <i>Japanese Journal of Forensic Science and Technology</i> , 2010 , 15, 135-142	0.1	1
12	Unrecognized introduction of SARS-CoV-2 variants of concern to Central Africa: Import and local transmission of B.1.1.7 in Gabon in the very early stage of the variant spread to the African continent. <i>Journal of Medical Virology</i> , 2021 , 93, 6054-6058	19.7	1
11	Responding to ever-changing epidemiological dynamics of Ebola virus disease. <i>BMJ Global Health</i> , 2016 , 1, e000180	6.6	1
10	Epidemiology of Coronavirus Disease Outbreak among Crewmembers on Cruise Ship, Nagasaki City, Japan, April 2020. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2251-2260	10.2	1
9	Performance of anti-SARS-CoV-2 antibody testing in asymptomatic or mild COVID-19 patients: A retrospective study in outbreak on a cruise ship. <i>PLoS ONE</i> , 2021 , 16, e0257452	3.7	1

8	A screen of FDA-approved drugs with minigenome identified tigecycline as an antiviral targeting nucleoprotein of Crimean-Congo hemorrhagic fever virus.. <i>Antiviral Research</i> , 2022 , 105276	10.8	1
7	Optimization of SARS-CoV-2 Spike Protein Expression in the Silkworm and Induction of Efficient Protective Immunity by Inoculation With Alum Adjuvants.. <i>Frontiers in Immunology</i> , 2021 , 12, 803647	8.4	0
6	A loop-mediated isothermal amplification assay for rapid and sensitive detection of bovine papular stomatitis virus. <i>Journal of Virological Methods</i> , 2016 , 238, 42-47	2.6	
5	Marburg virus budding: ESCRT of progeny virion to the outside of the cell. <i>Future Virology</i> , 2010 , 5, 627-637	6.7	
4	An Antiviral Drug Screening Platform with a FRET Biosensor for Measurement of Arenavirus Z Assembly. <i>Cell Structure and Function</i> , 2020 , 45, 155-163	2.2	
3	Ongoing evolution of hepatitis B virus during viremia in patients with febrile in Central Africa. <i>Journal of Medical Virology</i> , 2020 , 92, 251-256	19.7	
2	Identification of novel chemical compounds targeting filovirus VP40-mediated particle production.. <i>Antiviral Research</i> , 2022 , 105267	10.8	
1	5-Aminolevulinic acid antiviral efficacy against SARS-CoV-2 omicron variant in vitro.. <i>Tropical Medicine and Health</i> , 2022 , 50, 30	3.4	