

Jiro Yasuda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2360255/publications.pdf>

Version: 2024-02-01

103
papers

3,209
citations

185998

28
h-index

174990

52
g-index

111
all docs

111
docs citations

111
times ranked

3795
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Lassa and Marburg Virus Production by Tetherin. <i>Journal of Virology</i> , 2009, 83, 2382-2385.	1.5	250
2	Nedd4 Regulates Egress of Ebola Virus-Like Particles from Host Cells. <i>Journal of Virology</i> , 2003, 77, 9987-9992.	1.5	173
3	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, 4095-4103.	1.5	146
4	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	6.0	144
5	Cellular Factors Required for Lassa Virus Budding. <i>Journal of Virology</i> , 2006, 80, 4191-4195.	1.5	143
6	Molecular Assembly of Influenza Virus: Association of the NS2 Protein with Virion Matrix. <i>Virology</i> , 1993, 196, 249-255.	1.1	132
7	Functional involvement of a novel Nedd4-like ubiquitin ligase on retrovirus budding. <i>EMBO Reports</i> , 2002, 3, 636-640.	2.0	101
8	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, 4895-4899.	1.5	99
9	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.	1.3	95
10	Rapid and simple detection of Ebola virus by reverse transcription-loop-mediated isothermal amplification. <i>Journal of Virological Methods</i> , 2007, 141, 78-83.	1.0	94
11	Identifying Single Viruses Using Biorecognition Solid-State Nanopores. <i>Journal of the American Chemical Society</i> , 2018, 140, 16834-16841.	6.6	81
12	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.	1.3	81
13	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, 677-685.	1.7	70
14	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.	1.7	56
15	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, 12651-12655.	1.5	56
16	Rapid discrimination of Legionella by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Microbiological Research</i> , 2011, 166, 77-86.	2.5	48
17	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.	1.6	48
18	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, 228-234.	1.3	46

#	ARTICLE	IF	CITATIONS
19	Sensitive Detection of <i>Bacillus anthracis</i> Using a Binding Protein Originating from λ -Phage. <i>Microbiology and Immunology</i> , 2007, 51, 163-169.	0.7	45
20	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, 2330-2336.	1.8	44
21	Dimerization of Tetherin Is Not Essential for Its Antiviral Activity against Lassa and Marburg Viruses. <i>PLoS ONE</i> , 2009, 4, e6934.	1.1	44
22	Regulation of human T-cell leukemia virus type 1 (HTLV-1) budding by ubiquitin ligase Nedd4. <i>Microbes and Infection</i> , 2004, 6, 150-156.	1.0	42
23	T Cell Apoptosis Causes Peripheral T Cell Depletion in Mice Transgenic for the HIV-1 vpr Gene. <i>Virology</i> , 2001, 285, 181-192.	1.1	39
24	Co-infection of SARS-CoV-2 and influenza virus causes more severe and prolonged pneumonia in hamsters. <i>Scientific Reports</i> , 2021, 11, 21259.	1.6	39
25	Molecular Mechanism of Arenavirus Assembly and Budding. <i>Viruses</i> , 2012, 4, 2049-2079.	1.5	36
26	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.	1.0	35
27	Construction and Characterization of an Infectious Molecular Clone of Koala Retrovirus. <i>Journal of Virology</i> , 2013, 87, 5081-5088.	1.5	33
28	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.	1.0	33
29	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, 677-688.	1.5	30
30	Suppressive Effects of the Site 1 Protease (S1P) Inhibitor, PF-429242, on Dengue Virus Propagation. <i>Viruses</i> , 2016, 8, 46.	1.5	30
31	Genetic characterization of Lassa virus strains isolated from 2012 to 2016 in southeastern Nigeria. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006971.	1.3	30
32	Phospho-Smad1 modulation by nedd4 e3 ligase in BMP/TGF- β 2 signaling. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1411-1424.	3.1	29
33	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
34	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.	1.5	29
35	5-amino levulinic acid inhibits SARS-CoV-2 infection <i>in vitro</i> . <i>Biochemical and Biophysical Research Communications</i> , 2021, 545, 203-207.	1.0	29
36	Characterization of the catalytic activity of the λ -phage lysin, PlyG, specific for <i>Bacillus anthracis</i> . <i>FEMS Microbiology Letters</i> , 2008, 286, 236-240.	0.7	28

#	ARTICLE	IF	CITATIONS
37	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, .	1.5	28
38	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.	1.3	28
39	Cloning and Characterization of the Antiviral Activity of Feline Tetherin/BST-2. <i>PLoS ONE</i> , 2011, 6, e18247.	1.1	27
40	Structure-based drug discovery for combating influenza virus by targeting the PAâ€‘PB1 interaction. <i>Scientific Reports</i> , 2017, 7, 9500.	1.6	27
41	Regulation of HTLV-1 Gag budding by Vps4A, Vps4B, and AIP1/Alix. <i>Virology Journal</i> , 2007, 4, 66.	1.4	25
42	Rapid detection of Lassa virus by reverse transcription-loop-mediated isothermal amplification. <i>Microbiology and Immunology</i> , 2011, 55, 44-50.	0.7	24
43	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.	1.6	24
44	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.	2.1	24
45	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.	1.3	23
46	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.	1.3	21
47	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
48	Endometrial factors similarly induced by IFNT2 and IFNTc1 through transcription factor FOXS1. <i>PLoS ONE</i> , 2017, 12, e0171858.	1.1	21
49	Identification and Functional Analysis of Three Isoforms of Bovine BST-2. <i>PLoS ONE</i> , 2012, 7, e41483.	1.1	18
50	iPSC screening for drug repurposing identifies antiâ€‘RNA virus agents modulating host cell susceptibility. <i>FEBS Open Bio</i> , 2021, 11, 1452-1464.	1.0	17
51	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.	1.1	17
52	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, 987-989.	0.3	16
53	Identification of the amino acid residues critical for specific binding of the bacteriolytic enzyme of Î³-phage, PlyG, to <i>Bacillus anthracis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 531-535.	1.0	16
54	Canine ASCT1 and ASCT2 are functional receptors for RD-114 virus in dogs. <i>Journal of General Virology</i> , 2012, 93, 603-607.	1.3	16

#	ARTICLE	IF	CITATIONS
55	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.	1.9	16
56	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.	1.1	16
57	Lipopolysaccharide-induced HIV-1 expression in transgenic mice is mediated by tumor necrosis factor- α and interleukin-1, but not by interferon- β nor interleukin-6. <i>Aids</i> , 2000, 14, 1299-1307.	1.0	15
58	Ebolavirus Replication and Tetherin/BST-2. <i>Frontiers in Microbiology</i> , 2012, 3, 111.	1.5	15
59	Role of Matrix Protein in the Type D Retrovirus Replication Cycle: Importance of the Arginine Residue at Position 55. <i>Virology</i> , 2000, 268, 533-538.	1.1	13
60	Analysis of Assembly and Budding of Lujo Virus. <i>Journal of Virology</i> , 2016, 90, 3257-3261.	1.5	13
61	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.	1.0	13
62	Cis- and cell-type-dependent trans-requirements for Lassa virus-like particle production. <i>Journal of General Virology</i> , 2015, 96, 1626-1635.	1.3	12
63	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.	1.3	12
64	First evidence for continuous circulation of hepatitis A virus subgenotype IIA in Central Africa. <i>Journal of Viral Hepatitis</i> , 2020, 27, 1234-1242.	1.0	11
65	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.	1.0	10
66	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.	1.1	10
67	Potential and action mechanism of favipiravir as an antiviral against Junin virus. <i>PLoS Pathogens</i> , 2022, 18, e1010689.	2.1	10
68	Differences in Receptor Specificity between Newcastle Disease Viruses Originating from Chickens and Waterfowl.. <i>Journal of Veterinary Medical Science</i> , 1999, 61, 951-953.	0.3	9
69	Viral and cellular requirements for the budding of Feline Endogenous Retrovirus RD-114. <i>Virology Journal</i> , 2011, 8, 540.	1.4	9
70	Epidemiology of Coronavirus Disease Outbreak among Crewmembers on Cruise Ship, Nagasaki City, Japan, April 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 2251-2260.	2.0	9
71	Novel endogenous retrovirus-derived transcript expressed in the bovine placenta is regulated by WNT signaling. <i>Biochemical Journal</i> , 2017, 474, 3499-3512.	1.7	8
72	SARS-CoV-2 emerging variants in Africa: view from Gabon. <i>Lancet Microbe</i> , The, 2021, 2, e349.	3.4	8

#	ARTICLE	IF	CITATIONS
73	Antiviral activity of 5-aminolevulinic acid against variants of severe acute respiratory syndrome coronavirus 2. <i>Tropical Medicine and Health</i> , 2022, 50, 6.	1.0	8
74	Inhibition of budding/release of porcine endogenous retrovirus. <i>Microbiology and Immunology</i> , 2014, 58, 432-438.	0.7	7
75	Roles of the three L ¹ domains in Ψ retrovirus budding. <i>Microbiology and Immunology</i> , 2015, 59, 545-554.	0.7	7
76	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.	1.5	7
77	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.	2.2	7
78	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.	1.0	6
79	Identification of cellular factors required for the budding of koala retrovirus. <i>Microbiology and Immunology</i> , 2013, 57, n/a-n/a.	0.7	6
80	Loperamide Inhibits Replication of Severe Fever with Thrombocytopenia Syndrome Virus. <i>Viruses</i> , 2021, 13, 869.	1.5	6
81	Unusual Permeability of Porcine Endogenous Retrovirus Subgroup A Through Membrane Filters. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 67-71.	0.3	5
82	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, 128-134.	1.1	5
83	Analysis of the Cell Type-Dependence on the Arenavirus Z-Mediated Virus-Like Particle Production. <i>Frontiers in Microbiology</i> , 2020, 11, 562814.	1.5	5
84	Mapping of a neutralizing epitope in the surface envelope protein of porcine endogenous retrovirus subgroup B. <i>Journal of General Virology</i> , 2011, 92, 940-944.	1.3	5
85	Development and Evaluation of Quantitative Immunoglobulin G Enzyme-Linked Immunosorbent Assay for the Diagnosis of Coronavirus Disease 2019 Using Truncated Recombinant Nucleocapsid Protein as Assay Antigen. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9630.	1.2	4
86	A New Approach to Establish a Cell Line with Reduced Risk of Endogenous Retroviruses. <i>PLoS ONE</i> , 2013, 8, e61530.	1.1	4
87	Roles of YIGL sequence of Ebola virus VP40 on genome replication and particle production. <i>Journal of General Virology</i> , 2019, 100, 1099-1111.	1.3	4
88	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.	2.5	3
89	Ebola Virus GP Activates Endothelial Cells via Host Cytoskeletal Signaling Factors. <i>Viruses</i> , 2022, 14, 142.	1.5	3
90	Responding to ever-changing epidemiological dynamics of Ebola virus disease. <i>BMJ Global Health</i> , 2016, 1, e000180.	2.0	2

#	ARTICLE	IF	CITATIONS
91	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.	1.0	2
92	Unique Evolution of SARS-CoV-2 in the Second Large Cruise Ship Cluster in Japan. <i>Microorganisms</i> , 2022, 10, 99.	1.6	2
93	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, 200, 105276.	1.9	2
94	Delays in the arrival of the waves of COVID-19: a comparison between Gabon and the African continent. <i>Lancet Microbe</i> , The, 2022, 3, e476.	3.4	2
95	Changes in Gene Expression Associated with Conceptus Implantation to the Maternal Endometrium. <i>Journal of Mammalian Ova Research</i> , 2013, 30, 2-10.	0.1	1
96	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.	2.5	1
97	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
98	Identification of novel chemical compounds targeting filovirus VP40-mediated particle production. <i>Antiviral Research</i> , 2022, 199, 105267.	1.9	1
99	Marburg virus budding: ESCRT of progeny virion to the outside of the cell. <i>Future Virology</i> , 2010, 5, 627-637.	0.9	0
100	Development of rapid and portable diagnostic assays for Ebola virus disease. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY44-2.	0.0	0
101	First Evidence of Lymphocytic Choriomeningitis Virus Infection in Humans in Africa by Detection of Neutralizing Antibody. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
102	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.	0.5	0
103	5-Aminolevulinic acid antiviral efficacy against SARS-CoV-2 omicron variant in vitro. <i>Tropical Medicine and Health</i> , 2022, 50, 30.	1.0	0