Yohei Yamauchi

List of Publications by Year
in descending order

45 papers	2,861 citations	236925 25 h-index	233421 45 g-index
49 all docs	49 docs citations	49 times ranked	5561 citing authors

#	Article	IF	Citations
1	Neuropilin-1 is a host factor for SARS-CoV-2 infection. Science, 2020, 370, 861-865.	12.6	1,015
2	Influenza A virus uses the aggresome processing machinery for host cell entry. Science, 2014, 346, 473-477.	12.6	224
3	Virus entry at a glance. Journal of Cell Science, 2013, 126, 1289-95.	2.0	194
4	Principles of Virus Uncoating: Cues and the Snooker Ball. Traffic, 2016, 17, 569-592.	2.7	105
5	Histone Deacetylase 8 Is Required for Centrosome Cohesion and Influenza A Virus Entry. PLoS Pathogens, 2011, 7, e1002316.	4.7	78
6	Liquid Biomolecular Condensates and Viral Lifecycles: Review and Perspectives. Viruses, 2021, 13, 366.	3.3	78
7	Transportin-1 binds to the HIV-1 capsid via a nuclear localization signal and triggers uncoating. Nature Microbiology, 2019, 4, 1840-1850.	13.3	76
8	Ubiquitin in Influenza Virus Entry and Innate Immunity. Viruses, 2016, 8, 293.	3.3	75
9	High-Content Analysis of Sequential Events during the Early Phase of Influenza A Virus Infection. PLoS ONE, 2013, 8, e68450.	2.5	67
10	Identification of Epsteinâ€Barr Virus (EBV)â€"Infected Lymphocyte Subtypes by Flow Cytometric In Situ Hybridization in EBVâ€Associated Lymphoproliferative Diseases. Journal of Infectious Diseases, 2009, 200, 1078-1087.	4.0	63
11	Determination and analysis of the DNA sequence of highly attenuated herpes simplex virus type 1 mutant HF10, a potential oncolytic virus. Microbes and Infection, 2007, 9, 142-149.	1.9	60
12	Subcellular Localization of Herpes Simplex Virus Type 1 UL51 Protein and Role of Palmitoylation in Golgi Apparatus Targeting. Journal of Virology, 2003, 77, 3204-3216.	3.4	56
13	HATRIC-based identification of receptors for orphan ligands. Nature Communications, 2018, 9, 1519.	12.8	55
14	A SPOPL/Cullin-3 ubiquitin ligase complex regulates endocytic trafficking by targeting EPS15 at endosomes. ELife, 2016, 5, e13841.	6.0	53
15	Herpes Simplex Virus Requires Poly(ADP-Ribose) Polymerase Activity for Efficient Replication and Induces Extracellular Signal-Related Kinase-Dependent Phosphorylation and ICP0-Dependent Nuclear Localization of Tankyrase 1. Journal of Virology, 2012, 86, 492-503.	3.4	48
16	Formation of aggresome-like structures in herpes simplex virus type 2-infected cells and a potential role in virus assembly. Experimental Cell Research, 2004, 299, 486-497.	2.6	47
17	Influenza virus uses transportin 1 for vRNP debundling during cell entry. Nature Microbiology, 2019, 4, 578-586.	13.3	41
18	Multiplex realâ€time PCR for the simultaneous detection of herpes simplex virus, human herpesvirus 6, and human herpesvirus 7. Microbiology and Immunology, 2009, 53, 22-29.	1.4	39

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19	The UL14 Tegument Protein of Herpes Simplex Virus Type 1 Is Required for Efficient Nuclear Transport of the Alpha Transinducing Factor VP16 and Viral Capsids. Journal of Virology, 2008, 82, 1094-1106.	3.4	36
20	Nonâ€canonical autophagy functions of ATG16L1 in epithelial cells limit lethal infection by influenza A virus. EMBO Journal, 2021, 40, e105543.	7.8	36
21	Microtubules in Influenza Virus Entry and Egress. Viruses, 2020, 12, 117.	3.3	33
22	Herpes Simplex Virus UL14 Protein Blocks Apoptosis. Microbiology and Immunology, 2003, 47, 685-689.	1.4	30
23	Herpes simplex virus type 2 UL14 gene product has heat shock protein(HSP)-like functions. Journal of Cell Science, 2002, 115, 2517-2527.	2.0	30
24	The UL14 protein of herpes simplex virus type 2 translocates the minor capsid protein VP26 and the DNA cleavage and packaging UL33 protein into the nucleus of coexpressing cells. Journal of General Virology, 2001, 82, 321-330.	2.9	28
25	Identification and characterization of the UL7 gene product of herpes simplex virus type 2. Virus Genes, 2002, 24, 257-266.	1.6	26
26	Influenza A virus uncoating. Advances in Virus Research, 2020, 106, 1-38.	2.1	26
27	A widespread viral entry mechanism: The C-end Rule motifâ€"neuropilin receptor interaction. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
28	Identification and characterization of the UL24 gene product of herpes simplex virus type 2. Virus Genes, 2001, 22, 321-327.	1.6	21
29	Herpes simplex virus type 2 UL14 gene product has heat shock protein (HSP)-like functions. Journal of Cell Science, 2002, 115, 2517-27.	2.0	21
30	US3 protein kinase of herpes simplex virus type 2 is required for the stability of the UL46-encoded tegument protein and its association with virus particles. Journal of General Virology, 2005, 86, 1979-1985.	2.9	20
31	Microfluidics: an Untapped Resource in Viral Diagnostics and Viral Cell Biology. Current Clinical Microbiology Reports, 2018, 5, 245-251.	3.4	19
32	Disrupting the HDAC6-ubiquitin interaction impairs infection by influenza and Zika virus and cellular stress pathways. Cell Reports, 2022, 39, 110736.	6.4	19
33	ESCPE-1 mediates retrograde endosomal sorting of the SARS-CoV-2 host factor Neuropilin-1. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	17
34	Herpes simplex virus induces extensive modification and dynamic relocalisation of the nuclear mitotic apparatus (NuMA) protein in interphase cells. Journal of Cell Science, 2008, 121, 2087-2096.	2.0	16
35	How Influenza Virus Uses Host Cell Pathways during Uncoating. Cells, 2021, 10, 1722.	4.1	16
36	Herpes simplex virus type 1 UL14 tegument protein regulates intracellular compartmentalization of major tegument protein VP16. Virology Journal, 2011, 8, 365.	3.4	12

#	Article	IF	Citations
37	Understanding Influenza. Methods in Molecular Biology, 2018, 1836, 1-21.	0.9	12
38	Quantum dots crack the influenza uncoating puzzle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2404-2406.	7.1	9
39	Regression plane concept for analysing continuous cellular processes with machine learning. Nature Communications, 2021, 12, 2532.	12.8	8
40	Correlative Light and Electron Microscopy of Influenza Virus Entry and Budding. Methods in Molecular Biology, 2018, 1836, 237-260.	0.9	7
41	Intercellular trafficking of herpes simplex virus type 2 UL14 deletion mutant proteins. Biochemical and Biophysical Research Communications, 2002, 298, 357-363.	2.1	5
42	Characterization of Potent Fusion Inhibitors of Influenza Virus. PLoS ONE, 2015, 10, e0122536.	2.5	5
43	A method for the generation of pseudovirus particles bearing SARS coronavirus spike protein in high yields. Cell Structure and Function, 2022, 47, 43-53.	1.1	4
44	Purification of Unanchored Polyubiquitin Chains from Influenza Virions. Methods in Molecular Biology, 2018, 1836, 329-342.	0.9	3
45	Reduction of Influenza Virus Envelopeâ€™s Fusogenicity by Viral Fusion Inhibitors. ACS Infectious Diseases, 2016, 2, 47-53.	3.8	2