List of Publications by Year in descending order

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SHANJULU

#	Article	IF	CITATIONS
1	The IFITM Proteins Inhibit HIV-1 Infection. Journal of Virology, 2011, 85, 2126-2137.	3.4	345
2	IFITM Proteins Restrict Viral Membrane Hemifusion. PLoS Pathogens, 2013, 9, e1003124.	4.7	310
3	Dual HIV-1 infection associated with rapid disease progression. Lancet, The, 2004, 363, 619-622.	13.7	189
4	The N-Terminal Region of IFITM3 Modulates Its Antiviral Activity by Regulating IFITM3 Cellular Localization. Journal of Virology, 2012, 86, 13697-13707.	3.4	162
5	Neutralization of the SARS-CoV-2 Omicron BA.4/5 and BA.2.12.1 Subvariants. New England Journal of Medicine, 2022, 386, 2526-2528.	27.0	153
6	Neutralizing antibody responses elicited by SARS-CoV-2 mRNA vaccination wane over time and are boosted by breakthrough infection. Science Translational Medicine, 2022, 14, eabn8057.	12.4	150
7	SARS-CoV-2 spreads through cell-to-cell transmission. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	145
8	IFITM Proteins Restrict HIV-1 Infection by Antagonizing the Envelope Glycoprotein. Cell Reports, 2015, 13, 145-156.	6.4	133
9	Evolution of Hepatitis C Virus Quasispecies in Hypervariable Region 1 and the Putative Interferon Sensitivity-Determining Region during Interferon Therapy and Natural Infection. Journal of Virology, 1998, 72, 4288-4296.	3.4	131
10	The Transmembrane Domain of BST-2 Determines Its Sensitivity to Down-Modulation by Human Immunodeficiency Virus Type 1 Vpu. Journal of Virology, 2009, 83, 7536-7546.	3.4	114
11	Identification of an endocytic signal essential for the antiviral action of IFITM3. Cellular Microbiology, 2014, 16, 1080-1093.	2.1	114
12	Neutralization of SARS-CoV-2 Omicron sub-lineages BA.1, BA.1.1, and BA.2. Cell Host and Microbe, 2022, 30, 1093-1102.e3.	11.0	114
13	Hyaluronidase 2 negatively regulates RON receptor tyrosine kinase and mediates transformation of epithelial cells by jaagsiekte sheep retrovirus. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4580-4585.	7.1	88
14	Emerging Viruses without Borders: The Wuhan Coronavirus. Viruses, 2020, 12, 130.	3.3	88
15	Neutralizing antibody against SARS-CoV-2 spike in COVID-19 patients, health care workers, and convalescent plasma donors. JCI Insight, 2020, 5, .	5.0	86
16	Genetic Evaluation of Suspected Cases of Transient HIV-1 Infection of Infants. Science, 1998, 280, 1073-1077.	12.6	68
17	Selection for Human Immunodeficiency Virus Type 1 Recombinants in a Patient with Rapid Progression to AIDS. Journal of Virology, 2002, 76, 10674-10684.	3.4	68
18	TIM-family proteins inhibit HIV-1 release. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3699-707.	7.1	68

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19	Role of host factors in SARS-CoV-2 entry. Journal of Biological Chemistry, 2021, 297, 100847.	3.4	67
20	Envelope-Induced Cell Transformation by Ovine Betaretroviruses. Journal of Virology, 2002, 76, 5387-5394.	3.4	64
21	Putative Phosphatidylinositol 3-Kinase (PI3K) Binding Motifs in Ovine Betaretrovirus Env Proteins Are Not Essential for Rodent Fibroblast Transformation and PI3K/Akt Activation. Journal of Virology, 2003, 77, 7924-7935.	3.4	63
22	Role of Virus Receptor Hyal2 in Oncogenic Transformation of Rodent Fibroblasts by Sheep Betaretrovirus Env Proteins. Journal of Virology, 2003, 77, 2850-2858.	3.4	62
23	COVID-19 mRNA booster vaccines elicit strong protection against SARS-CoV-2 Omicron variant in patients with cancer. Cancer Cell, 2022, 40, 117-119.	16.8	61
24	Oncogenic transformation by the jaagsiekte sheep retrovirus envelope protein. Oncogene, 2007, 26, 789-801.	5.9	60
25	Shortâ€peptide fusion inhibitors with high potency against wildâ€type and enfuvirtideâ€resistant HIVâ€1. FASEB Journal, 2013, 27, 1203-1213.	0.5	54
26	Transformation of Madin-Darby Canine Kidney Epithelial Cells by Sheep Retrovirus Envelope Proteins. Journal of Virology, 2005, 79, 927-933.	3.4	53
27	Interferon-induced transmembrane proteins inhibit cell fusion mediated by trophoblast syncytins. Journal of Biological Chemistry, 2019, 294, 19844-19851.	3.4	53
28	Interferon-inducible LY6E Protein Promotes HIV-1 Infection. Journal of Biological Chemistry, 2017, 292, 4674-4685.	3.4	52
29	A Sorting Signal Suppresses IFITM1 Restriction of Viral Entry. Journal of Biological Chemistry, 2015, 290, 4248-4259.	3.4	38
30	The V3 Loop of HIV-1 Env Determines Viral Susceptibility to IFITM3 Impairment of Viral Infectivity. Journal of Virology, 2017, 91, .	3.4	37
31	Emerging Role of LY6E in Virus–Host Interactions. Viruses, 2019, 11, 1020.	3.3	37
32	Primate lentiviruses are differentially inhibited by interferon-induced transmembrane proteins. Virology, 2015, 474, 10-18.	2.4	36
33	HIV-1 mutates to evade IFITM1 restriction. Virology, 2014, 454-455, 11-24.	2.4	35
34	Induction of Cell-Cell Fusion by Ebola Virus Glycoprotein: Low pH Is Not a Trigger. PLoS Pathogens, 2016, 12, e1005373.	4.7	34
35	Neutralization of SARS-CoV-2 Variants of Concern Harboring Q677H. MBio, 2021, 12, e0251021.	4.1	33
36	Jaagsiekte Sheep Retrovirus Utilizes a pH-Dependent Endocytosis Pathway for Entry. Journal of Virology, 2008, 82, 2555-2559.	3.4	32

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37	Multifaceted Roles of TIM-Family Proteins in Virus–Host Interactions. Trends in Microbiology, 2020, 28, 224-235.	7.7	32
38	Impaired neutralizing antibody response to COVID-19 mRNA vaccines in cancer patients. Cell and Bioscience, 2021, 11, 197.	4.8	32
39	The C-Terminal Sequence of IFITM1 Regulates Its Anti-HIV-1 Activity. PLoS ONE, 2015, 10, e0118794.	2.5	29
40	TIM-mediated inhibition of HIV-1 release is antagonized by Nef but potentiated by SERINC proteins. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5705-5714.	7.1	28
41	Receptor Binding and Low pH Coactivate Oncogenic Retrovirus Envelope-Mediated Fusion. Journal of Virology, 2009, 83, 11447-11455.	3.4	27
42	Exogenous expression of SAMHD1 inhibits proliferation and induces apoptosis in cutaneous T-cell lymphoma-derived HuT78 cells. Cell Cycle, 2017, 16, 179-188.	2.6	26
43	Fusogenicity of Jaagsiekte Sheep Retrovirus Envelope Protein Is Dependent on Low pH and Is Enhanced by Cytoplasmic Tail Truncations. Journal of Virology, 2008, 82, 2543-2554.	3.4	25
44	Neutralization of the SARS-CoV-2 Deltacron and BA.3 Variants. New England Journal of Medicine, 2022, 386, 2340-2342.	27.0	25
45	Enzootic Nasal Tumor Virus Envelope Requires a Very Acidic pH for Fusion Activation and Infection. Journal of Virology, 2008, 82, 9023-9034.	3.4	24
46	Correlation of Apical Fluid-Regulating Channel Proteins with Lung Function in Human COPD Lungs. PLoS ONE, 2014, 9, e109725.	2.5	23
47	Nonhuman Primate IFITM Proteins Are Potent Inhibitors of HIV and SIV. PLoS ONE, 2016, 11, e0156739.	2.5	23
48	Jaagsiekte Sheep Retrovirus Envelope Efficiently Pseudotypes Human Immunodeficiency Virus Type 1-Based Lentiviral Vectors. Journal of Virology, 2004, 78, 2642-2647.	3.4	22
49	Human RON receptor tyrosine kinase induces complete epithelial-to-mesenchymal transition but causes cellular senescence. Biochemical and Biophysical Research Communications, 2007, 360, 219-225.	2.1	22
50	CD4-Dependent Modulation of HIV-1 Entry by LY6E. Journal of Virology, 2019, 93, .	3.4	22
51	Site-Directed Mutagenesis Using Uracil-Containing Double-Stranded DNA Templates and DpnI Digestion. BioTechniques, 1999, 27, 734-738.	1.8	18
52	HIV-1 Envelope Glycoprotein at the Interface of Host Restriction and Virus Evasion. Viruses, 2019, 11, 311.	3.3	18
53	Transformation and scattering activities of the receptor tyrosine kinase RON/Stk in rodent fibroblasts and lack of regulation by the jaagsiekte sheep retrovirus receptor, Hyal2. BMC Cancer, 2004, 4, 64.	2.6	15
54	Biochemical, inhibition and inhibitor resistance studies of xenotropic murine leukemia virus-related virus reverse transcriptase. Nucleic Acids Research, 2012, 40, 345-359.	14.5	14

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55	Inhibition of Hepatitis C Virus Replication In Vitro by Xanthohumol, A Natural Product Present in Hops. Planta Medica, 2014, 80, 171-176.	1.3	14
56	Relating GPI-Anchored Ly6 Proteins uPAR and CD59 to Viral Infection. Viruses, 2019, 11, 1060.	3.3	13
57	SERINC proteins potentiate antiviral type I IFN production and proinflammatory signaling pathways. Science Signaling, 2021, 14, eabc7611.	3.6	13
58	Removal of regulatory T cells prevents secondary chronic infection but increases the mortality of subsequent sub-acute infection in sepsis mice. Oncotarget, 2016, 7, 10962-10975.	1.8	13
59	Membrane Fusion and Cell Entry of XMRV Are pH-Independent and Modulated by the Envelope Glycoprotein's Cytoplasmic Tail. PLoS ONE, 2012, 7, e33734.	2.5	12
60	Critical Role of Leucine-Valine Change in Distinct Low pH Requirements for Membrane Fusion between Two Related Retrovirus Envelopes. Journal of Biological Chemistry, 2012, 287, 7640-7651.	3.4	11
61	Cell–cell contact promotes Ebola virus GP-mediated infection. Virology, 2016, 488, 202-215.	2.4	10
62	The Inhibition of HIV-1 Entry Imposed by Interferon Inducible Transmembrane Proteins Is Independent of Co-Receptor Usage. Viruses, 2018, 10, 413.	3.3	10
63	Evidence against a role for jaagsiekte sheep retrovirus in human lung cancer. Retrovirology, 2017, 14, 3.	2.0	9
64	The Polar Region of the HIV-1 Envelope Protein Determines Viral Fusion and Infectivity by Stabilizing the gp120-gp41 Association. Journal of Virology, 2019, 93, .	3.4	9
65	Single residues in the surface subunits of oncogenic sheep retrovirus envelopes distinguish receptor-mediated triggering for fusion at low pH and infection. Virology, 2011, 421, 173-183.	2.4	8
66	CPT-cGMP Is A New Ligand of Epithelial Sodium Channels. International Journal of Biological Sciences, 2016, 12, 359-366.	6.4	6
67	SAMHD1 inhibits epithelial cell transformation in vitro and affects leukemia development in xenograft mice. Cell Cycle, 2018, 17, 2564-2576.	2.6	4
68	Neutralizing antibody responses against SARS-CoV-2 in vaccinated people with multiple sclerosis. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2022, 8, 205521732210873.	1.0	4