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List of Publications by Year in descending order

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67
papers

1,949
citations

304743

22
h-index

276875

41
g-index

69
all docs

69
docs citations

69
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	The membrane-proximal intracytoplasmic tyrosine residue of HIV-1 envelope glycoprotein is critical for basolateral targeting of viral budding in MDCK cells. <i>EMBO Journal</i> , 1997, 16, 695-705.	7.8	179
2	The intracytoplasmic domain of gp41 mediates polarized budding of human immunodeficiency virus type 1 in MDCK cells. <i>Journal of Virology</i> , 1994, 68, 4857-4861.	3.4	168
3	Rearrangement of a DNA sequence homologous to a cell-virus junction fragment in several Moloney murine leukemia virus-induced rat thymomas.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 38-42.	7.1	111
4	Polarized Human Immunodeficiency Virus Budding in Lymphocytes Involves a Tyrosine-Based Signal and Favors Cell-to-Cell Viral Transmission. <i>Journal of Virology</i> , 1999, 73, 5010-5017.	3.4	105
5	Correlation between the presence of a self-splicing intron in the 25S rDNA of <i>C.albicans</i> and strains susceptibility to 5-fluorocytosine. <i>Nucleic Acids Research</i> , 1993, 21, 6020-6027.	14.5	89
6	Viral and Cellular Enzymes Involved in Synthesis of mRNA Cap Structure. <i>Virology</i> , 1997, 236, 1-7.	2.4	72
7	New Class of Leukemogenic Ecotropic Recombinant Murine Leukemia Virus Isolated from Radiation-Induced Thymomas of C57BL/6 Mice. <i>Journal of Virology</i> , 1983, 45, 565-575.	3.4	72
8	Characterization of the Nucleoside Triphosphate Phosphohydrolase and Helicase Activities of the Reovirus σ 1 Protein. <i>Journal of Biological Chemistry</i> , 1997, 272, 18298-18303.	3.4	69
9	Global Profiling of the Cellular Alternative RNA Splicing Landscape during Virus-Host Interactions. <i>PLoS ONE</i> , 2016, 11, e0161914.	2.5	58
10	Viral modulation of cellular RNA alternative splicing: A new key player in virus-host interactions?. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1543.	6.4	56
11	Efficiency of a programmed -1 ribosomal frameshift in the different subtypes of the human immunodeficiency virus type 1 group M. <i>Rna</i> , 2003, 9, 1246-1253.	3.5	52
12	Characterization of the Reovirus σ 1 Protein RNA 5'-Triphosphatase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 29954-29957.	3.4	48
13	Application of Biotyping and DNA Typing of <i>Candida albicans</i> to the Epidemiology of Recurrent Vulvovaginal Candidiasis. <i>Journal of Infectious Diseases</i> , 1993, 168, 502-507.	4.0	45
14	Electrogenic amino acid exchange via the rBAT transporter. <i>FEBS Letters</i> , 1994, 356, 174-178.	2.8	44
15	A novel group I intron in <i>Candida dubliniensis</i> is homologous to a <i>Candida albicans</i> intron. <i>Gene</i> , 1996, 180, 189-196.	2.2	44
16	Mutations in a CCHC zinc-binding motif of the reovirus sigma 3 protein decrease its intracellular stability. <i>Journal of Virology</i> , 1994, 68, 5287-5290.	3.4	38
17	A glycosyl hydrolase activity of mammalian reovirus σ 1 protein can contribute to viral infection through a mucus layer 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 1999, 286, 759-773.	4.2	33
18	Correlation between interferon sensitivity of reovirus isolates and ability to discriminate between normal and Ras-transformed cells. <i>Journal of General Virology</i> , 2005, 86, 1489-1497.	2.9	33

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19	The viral protein sigma 3 participates in translation of late viral mRNA in reovirus-infected L cells. <i>Journal of Virology</i> , 1987, 61, 2472-2479.	3.4	31
20	Two basic motifs of reovirus $\sigma 3$ protein are involved in double-stranded RNA binding. <i>Biochemistry and Cell Biology</i> , 1995, 73, 137-145.	2.0	28
21	Characterization of the Thermosensitive ts453 Reovirus Mutant: Increased dsRNA Binding of $\sigma 3$ Protein Correlates with Interferon Resistance. <i>Virology</i> , 1998, 246, 199-210.	2.4	28
22	Establishment of persistent reovirus infection in SC1 cells: Absence of protein synthesis inhibition and increased level of double-stranded RNA-activated protein kinase. <i>Virus Research</i> , 1993, 27, 253-265.	2.2	25
23	Synthesis and Translation of Viral mRNA in Reovirus-Infected Cells: Progress and Remaining Questions. <i>Viruses</i> , 2018, 10, 671.	3.3	25
24	Addition of exogenous polypeptides on the mammalian reovirus outer capsid using reverse genetics. <i>Journal of Virological Methods</i> , 2012, 179, 342-350.	2.1	24
25	Further characterization of the ts453 mutant of mammalian orthoreovirus serotype 3 and nucleotide sequence of the mutated S4 gene. <i>Virology</i> , 1992, 190, 494-498.	2.4	23
26	Site-directed mutagenesis of the double-stranded RNA binding domain of bacterially-expressed $\sigma 3$ reovirus protein. <i>Virus Research</i> , 1996, 41, 141-151.	2.2	22
27	Protein synthesis in different cell lines infected with orthoreovirus serotype 3: inhibition of host-cell protein synthesis correlates with accelerated viral multiplication and cell killing. <i>Biochemistry and Cell Biology</i> , 1993, 71, 81-85.	2.0	21
28	Molecular dissection of the reovirus $\sigma 1$ protein nucleic acids binding site. <i>Virus Research</i> , 1997, 51, 231-237.	2.2	20
29	MuLV-based vectors pseudotyped with truncated HIV glycoproteins mediate specific gene transfer in CD4+ peripheral blood lymphocytes. <i>Gene Therapy</i> , 1998, 5, 655-664.	4.5	20
30	A single amino acid substitution in the mRNA capping enzyme $\sigma 2$ of a mammalian orthoreovirus mutant increases interferon sensitivity. <i>Virology</i> , 2015, 483, 229-235.	2.4	20
31	Expression of the human immunodeficiency virus frameshift signal in a bacterial cell-free system: influence of an interaction between the ribosome and a stem-loop structure downstream from the slippery site. <i>Nucleic Acids Research</i> , 1999, 27, 4783-4791.	14.5	19
32	The Sequence Similarity of Reovirus $\sigma 3$ Protein To Picornaviral Proteases Is Unrelated to Its Role in $\sigma 1$ Viral Protein Cleavage. <i>Virology</i> , 1994, 202, 615-620.	2.4	18
33	Expression of a reporter gene interrupted by the <i>Candida albicans</i> group I intron is inhibited by base analogs. <i>Nucleic Acids Research</i> , 1997, 25, 431-437.	14.5	18
34	Inhibition of translation in L-cell lysates by free polyadenylic acid: Differences in sensitivity among different mRNAs and possible involvement of an initiation factor. <i>Archives of Biochemistry and Biophysics</i> , 1986, 249, 191-198.	3.0	16
35	Expression of the cloned S4 gene of reovirus serotype 3 in transformed eucaryotic cells: enrichment of the viral protein in the crude initiation factor fraction. <i>Virus Research</i> , 1986, 6, 133-140.	2.2	16
36	The nucleotide sequence of the 25S rRNA-encoding gene from <i>Candida albicans</i> . <i>Nucleic Acids Research</i> , 1993, 21, 1490-1490.	14.5	16

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37	Role of envelope processing and gp41 membrane spanning domain in the formation of human immunodeficiency virus type 1 (HIV-1) fusion-competent envelope glycoprotein complex. <i>Virus Research</i> , 2007, 124, 103-112.	2.2	16
38	Amino acids substitutions in σ 1 and σ 41 outer capsid proteins of a Vero cell-adapted mammalian orthoreovirus are required for optimal virus binding and disassembly. <i>Virus Research</i> , 2015, 196, 20-29.	2.2	15
39	Interferon has no protective effect during acute or persistent reovirus infection of mouse SC1 fibroblasts. <i>Virus Research</i> , 1997, 51, 139-149.	2.2	14
40	Reovirus σ 2 protein modulates host cell alternative splicing by reducing protein levels of U5 snRNP core components. <i>Nucleic Acids Research</i> , 2022, 50, 5263-5281.	14.5	14
41	Transient high level mammalian reovirus replication in a bat epithelial cell line occurs without cytopathic effect. <i>Virus Research</i> , 2013, 173, 327-335.	2.2	13
42	Multiple proteins differing between laboratory stocks of mammalian orthoreoviruses affect both virus sensitivity to interferon and induction of interferon production during infection. <i>Virus Research</i> , 2018, 247, 40-46.	2.2	13
43	Transcriptional and translational events during reovirus infection. <i>Biochemistry and Cell Biology</i> , 1988, 66, 803-812.	2.0	12
44	Complete nucleotide sequence of <i>Candida albicans</i> 5.8S rRNA coding gene and flanking internal transcribed spacers. <i>Nucleic Acids Research</i> , 1993, 21, 4640-4640.	14.5	12
45	The tyrosine-based YXX Φ targeting motif of murine leukemia virus envelope glycoprotein affects pathogenesis. <i>Virology</i> , 2004, 324, 173-183.	2.4	12
46	Amino acid substitutions in σ 1 and σ 41 outer capsid proteins are selected during mammalian reovirus adaptation to Vero cells. <i>Virus Research</i> , 2013, 176, 188-198.	2.2	12
47	Computational sequence analysis of mammalian reovirus proteins. , 1999, 18, 13-37.		10
48	Molecular Characterization of an Inwardly Rectifying K ⁺ Channel from HeLa Cells. <i>Journal of Membrane Biology</i> , 1999, 167, 43-52.	2.1	10
49	How Many Mammalian Reovirus Proteins are Involved in the Control of the Interferon Response?. <i>Pathogens</i> , 2019, 8, 83.	2.8	10
50	A single mutation in the mammalian orthoreovirus S1 gene is responsible for increased interferon sensitivity in a virus mutant selected in Vero cells. <i>Virology</i> , 2019, 528, 73-79.	2.4	10
51	Human T-Cell Leukemia Virus Type 3 (HTLV-3) and HTLV-4 Antisense-Transcript-Encoded Proteins Interact and Transactivate Jun Family-Dependent Transcription via Their Atypical bZIP Motif. <i>Journal of Virology</i> , 2014, 88, 8956-8970.	3.4	9
52	Incorporation of epitope-tagged viral σ 3 proteins to reovirus virions. <i>Canadian Journal of Microbiology</i> , 2003, 49, 407-417.	1.7	8
53	The virion-associated Gag-Pol is decreased in chimeric Moloney murine leukemia viruses in which the readthrough region is replaced by the frameshift region of the human immunodeficiency virus type 1. <i>Virology</i> , 2005, 334, 342-352.	2.4	8
54	Replacement of Murine Leukemia Virus Readthrough Mechanism by Human Immunodeficiency Virus Frameshift Allows Synthesis of Viral Proteins and Virus Replication. <i>Journal of Virology</i> , 2003, 77, 3345-3350.	3.4	7

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55	Uncoating Reo: Uncovering the Steps Critical for Oncolysis. <i>Molecular Therapy</i> , 2007, 15, 1406-1407.	8.2	6
56	The Jembrana disease virus Rev protein: Identification of nuclear and novel lentiviral nucleolar localization and nuclear export signals. <i>PLoS ONE</i> , 2019, 14, e0221505.	2.5	6
57	Human Jurkat lymphocytes clones differ in their capacity to support productive human immunodeficiency virus type 1 multiplication. <i>Journal of Virological Methods</i> , 2001, 92, 207-213.	2.1	5
58	Functional studies of a chimeric protein containing portions of the Na ⁺ /glucose and Na ⁺ /myo-inositol cotransporters. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1466, 139-150.	2.6	4
59	CD4/CXCR4 co-expression allows productive HIV-1 infection in canine kidney MDCK cells. <i>Virus Research</i> , 2006, 120, 138-145.	2.2	3
60	Identification of the nuclear and nucleolar localization signals of the Feline immunodeficiency virus Rev protein. <i>Virus Research</i> , 2020, 290, 198153.	2.2	3
61	Multiple forms of the sigma 3 protein of reovirus: Occurrence and binding properties. <i>Virology</i> , 1987, 158, 435-438.	2.4	2
62	Targeting of neutral endopeptidase 24.11 in polarized cells. <i>Biochemical Society Transactions</i> , 1993, 21, 668-672.	3.4	2
63	Characterization of HIV Type 1 Envelope Sequence Among Viral Isolates Circulating in the Northern Region of Colombia, South America. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1779-1783.	1.1	2
64	Viral persistence of mammalian reovirus in cell culture: a model of virus-cell coevolution. <i>Virologie</i> , 2019, 23, 5-15.	0.1	1
65	Sequence analysis of murine leukemia virus envelope gene from inoculated mice. <i>Journal of Virological Methods</i> , 2005, 125, 195-197.	2.1	0
66	Further characterization and determination of the single amino acid change in the <i>ts138</i> reovirus thermosensitive mutant. <i>Canadian Journal of Microbiology</i> , 2012, 58, 589-595.	1.7	0
67	Le rÃ©ovirus de mammifÃ©res : un virus Â«ÂorphelinÂ» contre les cancers humains. <i>Medecine/Sciences</i> , 2002, 18, 1282-1286.	0.2	0