Luis Carrasco

List of Publications by Year
in descending order

242	11,572	26567 56	46693 89
papers	citations	h-index	g-index

244	244	244	7743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viroporins: structure and biological functions. Nature Reviews Microbiology, 2012, 10, 563-574.	13.6	388
2	Viroporins. FEBS Letters, 2003, 552, 28-34.	1.3	324
3	Sodium ions and the shut-off of host cell protein synthesis by picornaviruses. Nature, 1976, 264, 807-809.	13.7	248
4	Different Brain Regions are Infected with Fungi in Alzheimerâ€™s Disease. Scientific Reports, 2015, 5, 15015.	1.6	210
5	Modification of Membrane Permeability by Animal Viruses. Advances in Virus Research, 1995, 45, 61-112.	0.9	200
6	Viral infection permeabilizes mammalian cells to protein toxins. Cell, 1980, 20, 769-775.	13.5	197
7	Ribosome Inactivation by the Toxic Lectins Abrin and Ricin. Kinetics of the Enzymic Activity of the Toxin A-Chains. FEBS Journal, 1975, 60, 281-288.	0.2	196
8	Membrane leakiness after viral infection and a new approach to the development of antiviral agents. Nature, 1978, 272, 694-699.	13.7	184
9	Eukaryotic Translation Initiation Factor 4GI Is a Cellular Target for NS1 Protein, a Translational Activator of Influenza Virus. Molecular and Cellular Biology, 2000, 20, 6259-6268.	1.1	181
10	Translational resistance of late alphavirus mRNA to eIF2Â phosphorylation: a strategy to overcome the antiviral effect of protein kinase PKR. Genes and Development, 2006, 20, 87-100.	2.7	176
11	Antiviral effect of the mammalian translation initiation factor 2Î± kinase GCN2 against RNA viruses. EMBO Journal, 2006, 25, 1730-1740.	3.5	170
12	Polysaccharides as antiviral agents: antiviral activity of carrageenan. Antimicrobial Agents and Chemotherapy, 1987, 31, 1388-1393.	1.4	169
13	System-wide Profiling of RNA-Binding Proteins Uncovers Key Regulators of Virus Infection. Molecular Cell, 2019, 74, 196-211.e11.	4.5	137
14	Induction of Membrane Proliferation by Poliovirus Proteins 2C and 2BC. Biochemical and Biophysical Research Communications, 1995, 206, 64-76.	1.0	135
15	Involvement of membrane traffic in the replication of poliovirus genomes: Effects of brefeldin A. Virology, 1992, 191, 166-175.	1.1	133
16	The inhibition of cell functions after viral infection A proposed general mechanism. FEBS Letters, 1977, 76, 11-15.	1.3	132
17	Fungal Infection in Patients with Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 41, 301-311.	1.2	128
18	Involvement of the vacuolar H+-ATPase in animal virus entry. Journal of General Virology, 1994, 75, 2595-2606.	1.3	127

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19	Infection of Fungi and Bacteria in Brain Tissue From Elderly Persons and Patients With Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 159.	1.7	125
20	Human gamma interferon and tumor necrosis factor exert a synergistic blockade on the replication of herpes simplex virus.. Journal of Virology, 1989, 63, 1354-1359.	1.5	125
21	Thionins: Plant Peptides that Modify Membrane Permeability in Cultured Mammalian Cells. FEBS Journal, 1981, 116, 185-189.	0.2	124
22	Viroporin-mediated Membrane Permeabilization. Journal of Biological Chemistry, 2002, 277, 40434-40441.	1.6	124
23	Membrane Permeabilization by Poliovirus Proteins 2B and 2BC. Journal of Biological Chemistry, 1996, 271, 23134-23137.	1.6	121
24	Poliovirus Protein 2C Contains Two Regions Involved in RNA Binding Activity. Journal of Biological Chemistry, 1995, 270, 10105-10112.	1.6	119
25	Poliovirus Protease 3Cpro Kills Cells by Apoptosis. Virology, 2000, 266, 352-360.	1.1	116
26	HIV-1 protease cleaves eukaryotic initiation factor 4G and inhibits cap-dependent translation. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12966-12971.	3.3	115
27	Requirement for vacuolar proton-ATPase activity during entry of influenza virus into cells. Journal of Virology, 1995, 69, 2306-2312.	1.5	114
28	Polymicrobial Infections In Brain Tissue From Alzheimerâ€™s Disease Patients. Scientific Reports, 2017, 7, 5559.	1.6	99
29	The trichodermin group of antibiotics, inhibitors of peptide bond formation by eukaryotic ribosomes. Nucleic Acids and Protein Synthesis, 1973, 312, 368-376.	1.7	92
30	Viroporins from RNA viruses induce caspase-dependent apoptosis. Cellular Microbiology, 2007, 10, 071027034427002-???.	1.1	91
31	Identification of Fungal Species in Brain Tissue from Alzheimerâ€™s Disease by Next-Generation Sequencing. Journal of Alzheimer's Disease, 2017, 58, 55-67.	1.2	89
32	Modification of membrane permeability induced by animal viruses early in infection. Virology, 1981, 113, 623-629.	1.1	88
33	Lack of direct correlation between p220 cleavage and the shut-off of host translation after poliovirus infection. Virology, 1992, 189, 178-186.	1.1	87
34	Evidence for Fungal Infection in Cerebrospinal Fluid and Brain Tissue from Patients with Amyotrophic Lateral Sclerosis. International Journal of Biological Sciences, 2015, 11, 546-558.	2.6	87
35	Selective inhibition of protein synthesis in virus-infected mammalian cells. Journal of Virology, 1979, 29, 114-122.	1.5	87
36	3-methylquercetin is a potent and selective inhibitor of poliovirus RNA synthesis. Virology, 1986, 152, 219-227.	1.1	86

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37	Search for antiviral activity in higher plant extracts. Phytotherapy Research, 2000, 14, 604-607.	2.8	85
38	HIV protease cleaves poly(A)-binding protein. Biochemical Journal, 2006, 396, 219-226.	1.7	85
39	Direct Visualization of Fungal Infection in Brains from Patients with Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 43, 613-624.	1.2	85
40	RNA nuclear export is blocked by poliovirus 2A protease and is concomitant with nucleoporin cleavage. Journal of Cell Science, 2009, 122, 3799-3809.	1.2	83
41	Narciclasine: an antitumour alkaloid which blocks peptide bond formation by eukaryotic ribosomes. FEBS Letters, 1975, 52, 236-239.	1.3	82
42	Antiviral Activity of Seven Iridoids, Three Saikosaponins and One Phenylpropanoid Glycoside Extracted from Bupleurum rigidum and Scrophularia scorodonia. Planta Medica, 2002, 68, 106-110.	0.7	81
43	Effects of Ricin on the Ribosomal Sites Involved in the Interaction of the Elongation Factors. FEBS Journal, 1975, 54, 499-503.	0.2	80
44	Individual expression of poliovirus 2Apro and 3Cpro induces activation of caspase-3 and PARP cleavage in HeLa cells. Virus Research, 2004, 104, 39-49.	1.1	74
45	The Eukaryotic Translation Initiation Factor 4GI Is Cleaved by Different Retroviral Proteases. Journal of Virology, 2003, 77, 12392-12400.	1.5	73
46	Modification of membrane permeability by animal viruses. , 1989, 40, 171-212.		70
47	Viroporin activity of murine hepatitis virus E protein. FEBS Letters, 2005, 579, 3607-3612.	1.3	70
48	Enzymic and nonenzymic translocation by yeast polysomes. Site of action of a number of inhibitors. Biochemistry, 1977, 16, 4727-4730.	1.2	69
49	Regulation of Host Translational Machinery by African Swine Fever Virus. PLoS Pathogens, 2009, 5, e1000562.	2.1	69
50	Cell Killing by HIV-1 Protease. Journal of Biological Chemistry, 2003, 278, 1086-1093.	1.6	68
51	Membrane Permeability Changes Induced inEscherichia coliby the SH Protein of Human Respiratory Syncytial Virus. Virology, 1997, 235, 342-351.	1.1	66
52	Antiviral activity of Bolivian plant extracts. General Pharmacology, 1999, 32, 499-503.	0.7	66
53	The Multifaceted Poliovirus 2A Protease: Regulation of Gene Expression by Picornavirus Proteases. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-23.	3.0	66
54	The Human Immunodeficiency Virus Type 1 Vpu Protein Enhances Membrane Permeability. Biochemistry, 1998, 37, 13710-13719.	1.2	64

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55	Mechanisms of membrane permeabilization by picornavirus 2B viroporin. FEBS Letters, 2003, 552, 68-73.	1.3	64
56	Fungal infection in neural tissue of patients with amyotrophic lateral sclerosis. Neurobiology of Disease, 2017, 108, 249-260.	2.1	64
57	Enhanced intracellular calcium concentration during poliovirus infection. Journal of Virology, 1995, 69, 5142-5146.	1.5	64
58	Poliovirus 2A proteinase cleaves directly the eIF-4G subunit of eIF-4F complex. FEBS Letters, 1998, 435, 79-83.	1.3	63
59	The Regulation of Translation in Alphavirus-Infected Cells. Viruses, 2018, 10, 70.	1.5	63
60	Gliotoxin: inhibitor of poliovirus RNA synthesis that blocks the viral RNA polymerase 3Dpol. Journal of Virology, 1992, 66, 1971-1976.	1.5	63
61	Synthesis of heat-shock proteins in HeLa cells: Inhibition by virus infection. Virology, 1984, 137, 150-159.	1.1	60
62	Entry of animal viruses and macromolecules into cells. FEBS Letters, 1994, 350, 151-154.	1.3	60
63	HIV- 1 Protease Inhibits Cap- and Poly(A)-Dependent Translation upon eIF4GI and PABP Cleavage. PLoS ONE, 2009, 4, e7997.	1.1	59
64	Alzheimerâ€™s disease and disseminated mycoses. European Journal of Clinical Microbiology and Infectious Diseases, 2014, 33, 1125-1132.	1.3	59
65	Corpora Amylacea of Brain Tissue from Neurodegenerative Diseases Are Stained with Specific Antifungal Antibodies. Frontiers in Neuroscience, 2016, 10, 86.	1.4	59
66	Fungal Enolase, Î²-Tubulin, and Chitin Are Detected in Brain Tissue from Alzheimerâ€™s Disease Patients. Frontiers in Microbiology, 2016, 7, 1772.	1.5	57
67	Modification of membrane permeability in vaccinia virus-infected cells. Virology, 1982, 117, 62-69.	1.1	56
68	Formation of Non-infective Herpesvirus Particles in Cultured Cells Treated with Human Interferon. Journal of General Virology, 1984, 65, 1069-1078.	1.3	53
69	Influenza virus M2 protein modifies membrane permeability inE. colicells. FEBS Letters, 1994, 343, 242-246.	1.3	53
70	Interfacial Domains in Sindbis Virus 6K Protein. Journal of Biological Chemistry, 2003, 278, 2051-2057.	1.6	53
71	Proteins are cointernalized with virion particles during early infection. Virology, 1987, 160, 75-80.	1.1	52
72	Picornavirus inhibitors. , 1994, 64, 215-290.		52

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73	Degradation of cellular proteins during poliovirus infection: studies by two-dimensional gel electrophoresis. Journal of Virology, 1989, 63, 4729-4735.	1.5	52
74	Membrane permeabilization by different regions of the human immunodeficiency virus type 1 transmembrane glycoprotein gp41. Journal of Virology, 1995, 69, 4095-4102.	1.5	51
75	Initiation of the Polypeptide Chain by Reticulocyte Cell-Free Systems. Survey of Different Inhibitors of Translation. FEBS Journal, 1976, 68, 355-364.	0.2	50
76	Uridine 5'-diphosphate glucose analogs. Inhibitors of protein glycosylation that show antiviral activity. Journal of Medicinal Chemistry, 1985, 28, 40-46.	2.9	50
77	Cleavage of Eukaryotic Translation Initiation Factor 4G by Exogenously Added Hybrid Proteins Containing Poliovirus 2A^{pro} in HeLa Cells: Effects on Gene Expression. Molecular and Cellular Biology, 1999, 19, 2445-2454.	1.1	50
78	Inhibition of animal virus production by means of translation inhibitors unable to penetrate normal cells. Virology, 1980, 106, 123-132.	1.1	49
79	Modification of membrane permeability during semliki forest virus infection. Virology, 1985, 146, 203-212.	1.1	49
80	Mechanism of inhibition of HSV-1 replication by tumor necrosis factor and interferon Î³. Virology, 1991, 180, 822-825.	1.1	49
81	Cleavage of eIF4G by HIV-1 protease: effects on translation. FEBS Letters, 2003, 533, 89-94.	1.3	49
82	Association between multiple sclerosis and Candida species: evidence from a case-control study. European Journal of Clinical Microbiology and Infectious Diseases, 2010, 29, 1139-1145.	1.3	49
83	Molecular biology of animal virus infection. , 1980, 9, 311-355.		48
84	Synthesis of Semliki Forest virus RNA requires continuous lipid synthesis. Virology, 1991, 183, 74-82.	1.1	48
85	Efficient Cleavage of p220 by Poliovirus 2Apro Expression in Mammalian Cells: Effects on Vaccina Virus. Biochemical and Biophysical Research Communications, 1995, 215, 928-936.	1.0	48
86	Sindbis Virus Variant with a Deletion in the 6K Gene Shows Defects in Glycoprotein Processing and Trafficking: Lack of Complementation by a Wild-Type 6K Gene in trans. Journal of Virology, 2001, 75, 7778-7784.	1.5	48
87	Reversion by hypotonic medium of the shutoff of protein synthesis induced by encephalomyocarditis virus. Journal of Virology, 1981, 37, 535-540.	1.5	47
88	Relationship between Membrane Integrity and the Inhibition of Host Translation in Virus-Infected Mammalian Cells. Comparative Studies between Encephalomyocarditis Virus and Poliovirus. FEBS Journal, 1982, 127, 359-366.	0.2	45
89	Translation of Sindbis Virus 26S mRNA Does Not Require Intact Eukariotic Initiation Factor 4G. Journal of Molecular Biology, 2006, 355, 942-956.	2.0	45
90	Dual Mechanism for the Translation of Subgenomic mRNA from Sindbis Virus in Infected and Uninfected Cells. PLoS ONE, 2009, 4, e4772.	1.1	44

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91	Membrane Integration of Poliovirus 2B Viroporin. Journal of Virology, 2011, 85, 11315-11324.	1.5	43
92	Action of Membrane-Active Compounds on Mammalian Cells. Permeabilization of Human Cells by Ionophores to Inhibitors of Translation and Transcription. FEBS Journal, 1980, 109, 535-540.	0.2	41
93	Screening for new compounds with antiherpes activity. Antiviral Research, 1984, 4, 231-244.	1.9	41
94	Poliovirus Induces Apoptosis in the Human U937 Promonocytic Cell Line. Virology, 2000, 272, 250-256.	1.1	41
95	Plasma Membrane-porating Domain in Poliovirus 2B Protein. A Short Peptide Mimics Viroporin Activity. Journal of Molecular Biology, 2007, 374, 951-964.	2.0	41
96	Differences in eukaryotic ribosomes detected by the selective action of an antibiotic. Nucleic Acids and Protein Synthesis, 1973, 319, 209-215.	1.7	40
97	Antibiotics that specifically block translation in virus-infected cells.. Journal of Antibiotics, 1980, 33, 441-446.	1.0	39
98	Cation Content in Poliovirus-infected HeLa Cells. Journal of General Virology, 1987, 68, 335-342.	1.3	39
99	Multiple sclerosis and mixed microbial infections. Direct identification of fungi and bacteria in nervous tissue. Neurobiology of Disease, 2018, 117, 42-61.	2.1	39
100	Mildiomycin: A nucleoside antibiotic that inhibits protein synthesis.. Journal of Antibiotics, 1985, 38, 415-419.	1.0	38
101	Isolation of Candida famata from a Patient with Acute Zonal Occult Outer Retinopathy. Journal of Clinical Microbiology, 2005, 43, 635-640.	1.8	38
102	Differential Cleavage of eIF4GI and eIF4GII in Mammalian Cells. Journal of Biological Chemistry, 2006, 281, 33206-33216.	1.6	38
103	Antipoliovirus Flavonoids from Psiadia Dentata. Antiviral Chemistry and Chemotherapy, 2001, 12, 283-291.	0.3	37
104	Human and Microbial Proteins From Corpora Amylacea of Alzheimerâ€™s Disease. Scientific Reports, 2018, 8, 9880.	1.6	37
105	Parkinson's Disease: A Comprehensive Analysis of Fungi and Bacteria in Brain Tissue. International Journal of Biological Sciences, 2020, 16, 1135-1152.	2.6	37
106	Antiviral activity of medicinal plant extracts. Phytotherapy Research, 1997, 11, 198-202.	2.8	36
107	Viral Translation Is Coupled to Transcription in Sindbis Virus-Infected Cells. Journal of Virology, 2007, 81, 7061-7068.	1.5	36
108	Permeabilization of cells during animal virus infection. , 1983, 23, 109-145.		35

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109	A Stable HeLa Cell Line That Inducibly Expresses Poliovirus 2Apro: Effects on Cellular and Viral Gene Expression. Journal of Virology, 2000, 74, 2383-2392.	1.5	35
110	Fungal Infection in Patients with Serpiginous Choroiditis or Acute Zonal Occult Outer Retinopathy. Journal of Clinical Microbiology, 2008, 46, 130-135.	1.8	35
111	Identification of Regions of Poliovirus 2BC Protein That Are Involved in Cytotoxicity. Journal of Virology, 1998, 72, 3560-3570.	1.5	35
112	Entry of Semliki Forest Virus into Cells: Effects of Concanamycin A and Nigericin on Viral Membrane Fusion and Infection. Virology, 1997, 227, 488-492.	1.1	34
113	Entry of Poliovirus into Cells Is Blocked by Valinomycin and Concanamycin Aâ€. Biochemistry, 2001, 40, 3589-3600.	1.2	34
114	Regulation of HIV-1 env mRNA translation by Rev protein. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1743, 169-175.	1.9	34
115	Poliovirus 2A Protease Triggers a Selective Nucleo-Cytoplasmic Redistribution of Splicing Factors to Regulate Alternative Pre-mRNA Splicing. PLoS ONE, 2013, 8, e73723.	1.1	34
116	Antibiotics and compounds affecting translation by eukaryotic ribosomes. Specific enhancement of aminoacyl-tRNA binding by methylxanthines. Molecular and Cellular Biochemistry, 1976, 10, 97-122.	1.4	33
117	Mutational Analysis of Poliovirus 2Apro. Journal of Biological Chemistry, 1998, 273, 27960-27967.	1.6	33
118	Molecular Basis of the Permeabilization of Mammalian Cells by Ionophores. FEBS Journal, 1982, 127, 567-569.	0.2	33
119	Requirement of the vesicular system for membrane permeabilization by Sindbis virus. Virology, 2005, 332, 307-315.	1.1	33
120	Fungal infection in cerebrospinal fluid from some patients with multiple sclerosis. European Journal of Clinical Microbiology and Infectious Diseases, 2013, 32, 795-801.	1.3	33
121	Effect of Nitric Oxide on Poliovirus Infection of Two Human Cell Lines. Journal of Virology, 1998, 72, 2538-2540.	1.5	32
122	The Initiation Factors eIF2, eIF2A, eIF2D, eIF4A, and eIF4G Are Not Involved in Translation Driven by Hepatitis C Virus IRES in Human Cells. Frontiers in Microbiology, 2018, 9, 207.	1.5	31
123	SURVEY OF INHIBITORS IN DIFFERENT STEPS OF PROTEIN SYNTHESIS BY MAMMALIAN RIBOSOMES. Journal of Antibiotics, 1972, 25, 732-737.	1.0	30
124	Site of action of ricin on the ribosome. Biochemistry, 1976, 15, 4364-4369.	1.2	30
125	Cerebrospinal Fluid from Alzheimerâ€™s Disease Patients Contains Fungal Proteins and DNA. Journal of Alzheimer's Disease, 2015, 47, 873-876.	1.2	30
126	Translation of Sindbis Subgenomic mRNA is Independent of eIF2, eIF2A and eIF2D. Scientific Reports, 2017, 7, 43876.	1.6	30

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127	Effects of fatty acids on lipid synthesis and viral RNA replication in poliovirus-infected cells. Virology, 1991, 185, 473-476.	1.1	29
128	Human Immunodeficiency Virus Type 1 VPU Protein Affects Sindbis Virus Glycoprotein Processing and Enhances Membrane Permeabilization. Virology, 2001, 279, 201-209.	1.1	29
129	Requirements for eIF4A and eIF2 during translation of Sindbis virus subgenomic mRNA in vertebrate and invertebrate host cells. Cellular Microbiology, 2013, 15, 823-840.	1.1	29
130	Action of Human Lymphoblastoid Interferon on HeLa Cells Infected with RNA-containing Animal Viruses. Journal of General Virology, 1984, 65, 377-390.	1.3	28
131	The Amino-Terminal Nine Amino Acid Sequence of Poliovirus Capsid VP4 Protein Is Sufficient To Confer N-Myristoylation and Targeting to Detergent-Insoluble Membranesâ€. Biochemistry, 2000, 39, 1083-1090.	1.2	28
132	Protein Synthesis and Membrane Integrity in Interferon-treated HeLa Cells Infected with Encephalomyocarditis Virus. Journal of General Virology, 1981, 56, 153-162.	1.3	27
133	Concanamycin A blocks influenza virus entry into cells under acidic conditions. FEBS Letters, 1994, 349, 327-330.	1.3	27
134	Mutations in the hydrophobic domain of poliovirus protein 3AB abrogate its permeabilizing activity. FEBS Letters, 1995, 367, 5-11.	1.3	27
135	Searching for Bacteria in Neural Tissue From Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2019, 13, 171.	1.4	27
136	Inducible expression of a toxic poliovirus membrane protein in Escherichia coli: Comparative studies using different expression systems based on T7 promoters. Biochemical and Biophysical Research Communications, 1992, 188, 972-981.	1.0	26
137	Translation without eIF2 Promoted by Poliovirus 2A Protease. PLoS ONE, 2011, 6, e25699.	1.1	26
138	Inhibition, by selected antibiotics, of protein synthesis in cells growing in tissue cultures.. Journal of Antibiotics, 1978, 31, 598-602.	1.0	25
139	Molecular bases for the action and selectivity of nucleoside antibiotics. Medicinal Research Reviews, 1984, 4, 471-512.	5.0	25
140	Specific Inhibition of Translocation by Tubulosine in Eukaryotic Polysomes. FEBS Journal, 1976, 64, 1-5.	0.2	24
141	Brefeldin A blocks protein glycosylation and RNA replication of vesicular stomatitis virus. FEBS Letters, 1993, 336, 496-500.	1.3	24
142	Translation of mRNAs from Vesicular Stomatitis Virus and Vaccinia Virus Is Differentially Blocked in Cells with Depletion of eIF4GI and/or eIF4GII. Journal of Molecular Biology, 2009, 394, 506-521.	2.0	24
143	Translation of Viral mRNA without Active eIF2: The Case of Picornaviruses. PLoS ONE, 2011, 6, e22230.	1.1	24
144	Functional impairment of eIF4A and eIF4G factors correlates with inhibition of influenza virus mRNA translation. Virology, 2011, 413, 93-102.	1.1	24

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145	Brain Microbiota in Huntingtonâ€™s Disease Patients. Frontiers in Microbiology, 2019, 10, 2622.	1.5	24
146	Proteins synthesized in African swine fever virus-infected cells analyzed by two-dimensional gel electrophoresis. Virology, 1987, 160, 286-291.	1.1	23
147	Concanamycin A: A Powerful Inhibitor of Enveloped Animal Virus Entry into Cells. Biochemical and Biophysical Research Communications, 1994, 201, 1270-1278.	1.0	23
148	Cleavage of p220 by Purified Poliovirus 2Aproin Cell-Free Systems:Â Effects on Translation of Capped and Uncapped mRNAsâ€. Biochemistry, 1997, 36, 7802-7809.	1.2	23
149	Involvement of HIV-1 protease in virus-induced cell killing. Antiviral Research, 2005, 66, 47-55.	1.9	23
150	Attachment and entry of Candida famata in monocytes and epithelial cells. Microscopy Research and Technique, 2007, 70, 975-986.	1.2	23
151	Translation Directed by Hepatitis A Virus IRES in the Absence of Active eIF4F Complex and eIF2. PLoS ONE, 2012, 7, e52065.	1.1	23
152	The heat-shock response in Trypanosoma cruzi. FEBS Journal, 1988, 172, 121-127.	0.2	22
153	Effects of Poliovirus 2Apro on Vaccinia Virus Gene Expression. FEBS Journal, 1995, 234, 849-854.	0.2	22
154	Expression of poliovirus 2Aproin mammalian cells: effects on translation. FEBS Letters, 1995, 377, 1-5.	1.3	22
155	Participation of eIF4F complex in Junin virus infection: blockage of eIF4E does not impair virus replication. Cellular Microbiology, 2013, 15, n/a-n/a.	1.1	22
156	Modification of Membrane Permeability by Animal Viruses. , 1993, , 283-303.		22
157	Ribosomal sites involved in binding of aminoacyl-tRNA and EF 2. mode of action of fusidic acid. FEBS Letters, 1973, 32, 152-156.	1.3	21
158	Effects of Extracellular Cations on Translation in Poliovirus-infected Cells. Journal of General Virology, 1987, 68, 325-333.	1.3	21
159	Enhancement of phospholipase activity during poliovirus infection. Journal of General Virology, 1993, 74, 1063-1071.	1.3	21
160	Individual Expression of Sindbis Virus Glycoproteins. E1 Alone Promotes Cell Fusion. Virology, 2003, 305, 463-472.	1.1	21
161	Translation Driven by Picornavirus IRES Is Hampered from Sindbis Virus Replicons: Rescue by Poliovirus 2A Protease. Journal of Molecular Biology, 2010, 402, 101-117.	2.0	21
162	A Viral mRNA Motif at the 3â€²-Untranslated Region that Confers Translatability in a Cell-Specific Manner. Implications for Virus Evolution. Scientific Reports, 2016, 6, 19217.	1.6	21

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163	Fungal infection in a patient with multiple sclerosis. European Journal of Clinical Microbiology and Infectious Diseases, 2011, 30, 1173-1180.	1.3	20
164	Viroporins: Structures and functions beyond cell membrane permeabilization. Viruses, 2015, 7, 5169-5171.	1.5	20
165	Restriction of poliovirus RNA translation in a human monocytic cell line. FEBS Journal, 1989, 186, 577-582.	0.2	19
166	Cloning and inducible synthesis of poliovirus nonstructural proteins. Gene, 1992, 117, 185-192.	1.0	19
167	Relationship between Membrane Permeability and the Translation Capacity of Human HeLa Cells Studied by Means of the Ionophore Nigericin. FEBS Journal, 1981, 118, 289-294.	0.2	19
168	Differential action of pateamine A on translation of genomic and subgenomic mRNAs from Sindbis virus. Virology, 2015, 484, 41-50.	1.1	19
169	Impact of Vesicular Stomatitis Virus M Proteins on Different Cellular Functions. PLoS ONE, 2015, 10, e0131137.	1.1	19
170	Permeabilization of mammalian cells to proteins by the ionophore nigericin. FEBS Letters, 1981, 127, 112-114.	1.3	18
171	Exogenous phospholipase C permeabilizes mammalian cells to proteins. Experimental Cell Research, 1988, 177, 154-161.	1.2	18
172	Megalomycin C, a macrolide antibiotic that blocks protein glycosylation and shows antiviral activity. FEBS Letters, 1988, 231, 207-211.	1.3	18
173	Screening for Membrane-Permeabilizing Mutants of the Poliovirus Protein 3AB. Journal of General Virology, 1996, 77, 2109-2119.	1.3	18
174	Functional and Structural Characterization of 2B Viroporin Membranolytic Domains. Biochemistry, 2008, 47, 10731-10739.	1.2	18
175	Activation of Phospholipase Activity during Semliki Forest Virus Infection. Virology, 1993, 194, 28-36.	1.1	17
176	High level expression in Escherichia coli cells and purification of poliovirus protein 2Apro. Journal of General Virology, 1993, 74, 2645-2652.	1.3	17
177	Poliovirus 2Aproexpression inhibits growth of yeast cells. FEBS Letters, 1995, 371, 4-8.	1.3	17
178	The Involvement of Sulphydryl Groups in the Peptidyl Transferase Centre of Eukaryotic Ribosomes. FEBS Journal, 1975, 50, 317-323.	0.2	16
179	Modification of Membrane Permeability in Poliovirus-infected HeLa Cells: Effect of Guanidine. Journal of General Virology, 1983, 64, 787-793.	1.3	16
180	The Yeast Saccharomyces cerevisiae as a Genetic System for Obtaining Variants of Poliovirus Protease 2A. Journal of Biological Chemistry, 1997, 272, 12683-12691.	1.6	16

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181	Control of membrane permeability in animal cells by divalent cations. Experimental Cell Research, 1987, 169, 531-542.	1.2	15
182	Cerulenin, an inhibitor of lipid synthesis, blocks vesicular stomatitis virus RNA replication. FEBS Letters, 1991, 280, 129-133.	1.3	15
183	Membrane-Active Peptides Derived from Picornavirus 2B Viroporin. Current Protein and Peptide Science, 2012, 13, 632-643.	0.7	15
184	Initiation codon selection is accomplished by a scanning mechanism without crucial initiation factors in Sindbis virus subgenomic mRNA. Rna, 2015, 21, 93-112.	1.6	15
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