

# Christina F Spiropoulou

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119  
papers

6,264  
citations

38  
h-index

77  
g-index

125  
ext. papers

7,412  
ext. citations

9.2  
avg. IF

5.46  
L-index

#	Paper	IF	Citations
119	Immunobiology of Crimean-Congo hemorrhagic fever.. <i>Antiviral Research</i> , <b>2022</b> , 105244	10.8	2
118	Lassa virus replicon particle vaccine protects strain 13/N guinea pigs against challenge with geographically and genetically diverse viral strains.. <i>Journal of Infectious Diseases</i> , <b>2022</b> ,	7	2
117	Defective Interfering Viral Particle Treatment Reduces Clinical Signs and Protects Hamsters from Lethal Nipah Virus Disease.. <i>MBio</i> , <b>2022</b> , e0329421	7.8	0
116	Viral RNA and infectious virus in mucosal specimens from guinea pigs modeling early phases of lethal and non-lethal Lassa fever.. <i>Emerging Microbes and Infections</i> , <b>2022</b> , 1-17	18.9	
115	Broad-Spectrum Antiviral Activity of ODBG-P-RVn: An Orally-Available, Lipid-Modified Monophosphate Prodrug of Remdesivir Parent Nucleoside (GS-441524). <i>Microbiology Spectrum</i> , <b>2021</b> , e0153721	8.9	3
114	Design, synthesis and biological evaluation of 2-substituted-6-[(4-substituted-1-piperidyl)methyl]-1H-benzimidazoles as inhibitors of ebola virus infection. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 214, 113211	6.8	2
113	Viral replicon particles protect IFNAR mice against lethal Crimean-Congo hemorrhagic fever virus challenge three days after vaccination. <i>Antiviral Research</i> , <b>2021</b> , 191, 105090	10.8	1
112	Screening and Identification of Lujo Virus Inhibitors Using a Recombinant Reporter Virus Platform. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
111	High-throughput quantitation of SARS-CoV-2 antibodies in a single-dilution homogeneous assay. <i>Scientific Reports</i> , <b>2021</b> , 11, 12330	4.9	0
110	Inference of Nipah virus evolution, 1999-2015. <i>Virus Evolution</i> , <b>2021</b> , 7, veaa062	3.7	2
109	Sustained Replication of Synthetic Canine Distemper Virus Defective Genomes and. <i>MSphere</i> , <b>2021</b> , 6, e0053721	5	2
108	Hantavirus Infection Is Inhibited by Griffithsin in Cell Culture. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 561502	5.9	5
107	Twenty Years of Nipah Virus Research: Where Do We Go From Here?. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, S359-S362	7	5
106	The Crimean-Congo Hemorrhagic Fever Virus NSm Protein is Dispensable for Growth In Vitro and Disease in Ifnar Mice. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	6
105	Inhibition of Nipah Virus by Defective Interfering Particles. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, S460-S470		
104	Griffithsin Inhibits Nipah Virus Entry and Fusion and Can Protect Syrian Golden Hamsters From Lethal Nipah Virus Challenge. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, S480-S492	7	21
103	Potent in vitro activity of ED-4Rchloromethyl-2Rdeoxy-2Rfluorocytidine against Nipah virus. <i>Antiviral Research</i> , <b>2020</b> , 175, 104712	10.8	4

102	A single mutation in Crimean-Congo hemorrhagic fever virus discovered in ticks impairs infectivity in human cells. <i>ELife</i> , <b>2020</b> , 9,	8.9	4
101	The use of mice lacking type I or both type I and type II interferon responses in research on hemorrhagic fever viruses. Part 2: Vaccine efficacy studies. <i>Antiviral Research</i> , <b>2020</b> , 174, 104702	10.8	9
100	In Situ Imaging of Fluorescent Nipah Virus Respiratory and Neurological Tissue Tropism in the Syrian Hamster Model. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, S448-S453	7	3
99	Evaluation of a Single-Dose Nucleoside-Modified Messenger RNA Vaccine Encoding Hendra Virus-Soluble Glycoprotein Against Lethal Nipah virus Challenge in Syrian Hamsters. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, S493-S498	7	16
98	Alterations in Blood Chemistry Levels Associated With Nipah Virus Disease in the Syrian Hamster Model. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, S454-S459	7	3
97	Remdesivir targets a structurally analogous region of the Ebola virus and SARS-CoV-2 polymerases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 26946-26954	11.5	36
96	Lassa virus antigen distribution and inflammation in the ear of infected strain 13/N Guinea pigs. <i>Antiviral Research</i> , <b>2020</b> , 183, 104928	10.8	3
95	Towards a Sustainable One Health Approach to Crimean-Congo Hemorrhagic Fever Prevention: Focus Areas and Gaps in Knowledge. <i>Tropical Medicine and Infectious Disease</i> , <b>2020</b> , 5,	3.5	13
94	Crimean-Congo hemorrhagic fever and expansion from endemic regions. <i>Current Opinion in Virology</i> , <b>2019</b> , 34, 70-78	7.5	41
93	Macrophage Activation Marker Soluble CD163 Associated with Fatal and Severe Ebola Virus Disease in Humans. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 290-298	10.2	16
92	A genome-wide CRISPR screen identifies N-acetylglucosamine-1-phosphate transferase as a potential antiviral target for Ebola virus. <i>Nature Communications</i> , <b>2019</b> , 10, 285	17.4	31
91	Remdesivir (GS-5734) protects African green monkeys from Nipah virus challenge. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	108
90	Lassa Virus Targeting of Anterior Uvea and Endothelium of Cornea and Conjunctiva in Eye of Guinea Pig Model. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 865-874	10.2	14
89	Single-dose replicon particle vaccine provides complete protection against Crimean-Congo hemorrhagic fever virus in mice. <i>Emerging Microbes and Infections</i> , <b>2019</b> , 8, 575-578	18.9	18
88	A Conserved Basic Patch and Central Kink in the Nipah Virus Phosphoprotein Multimerization Domain Are Essential for Polymerase Function. <i>Structure</i> , <b>2019</b> , 27, 660-668.e4	5.2	8
87	Heterologous protection against Crimean-Congo hemorrhagic fever in mice after a single dose of replicon particle vaccine. <i>Antiviral Research</i> , <b>2019</b> , 170, 104573	10.8	7
86	Stable Occupancy of the Crimean-Congo Hemorrhagic Fever Virus-Encoded Deubiquitinase Blocks Viral Infection. <i>MBio</i> , <b>2019</b> , 10,	7.8	9
85	Suboptimal Handling of Piccolo Samples or Reagent Discs for Consideration in Ebola Response. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 1238-1240	10.2	1

84	Characterisation of infectious Ebola virus from the ongoing outbreak to guide response activities in the Democratic Republic of the Congo: a phylogenetic and in vitro analysis. <i>Lancet Infectious Diseases, The</i> , <b>2019</b> , 19, 1023-1032	25.5	31
83	Fluorescent Crimean-Congo hemorrhagic fever virus illuminates tissue tropism patterns and identifies early mononuclear phagocytic cell targets in <i>lfnar</i> <sup>-/-</sup> mice. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008183	7.6	8
82	Adaptive Immune Responses in Humans During Nipah Virus Acute and Convalescent Phases of Infection. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1752-1756	11.6	12
81	Use of a Scalable Replicon-Particle Vaccine to Protect Against Lethal Lassa Virus Infection in the Guinea Pig Model. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1957-1966	7	19
80	Statins Suppress Ebola Virus Infectivity by Interfering with Glycoprotein Processing. <i>MBio</i> , <b>2018</b> , 9,	7.8	38
79	Susceptibility of paramyxoviruses and filoviruses to inhibition by 2Rmonofluoro- and 2Rdifluoro-4Razidocytidine analogs. <i>Antiviral Research</i> , <b>2018</b> , 153, 101-113	10.8	10
78	The S Genome Segment Is Sufficient to Maintain Pathogenicity in Intra-Clade Lassa Virus Reassortants in a Guinea Pig Model. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 240	5.9	12
77	Initiation, extension, and termination of RNA synthesis by a paramyxovirus polymerase. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006889	7.6	80
76	Development of a reverse genetics system for Sosuga virus allows rapid screening of antiviral compounds. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006326	4.8	4
75	Using Humanized Mice to Evaluate the Pathogenesis of Variola Virus and Ebolavirus. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 1314-1315	0.5	
74	Human immune cell engraftment does not alter development of severe acute Rift Valley fever in mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201104	3.7	2
73	Rift valley fever viral load correlates with the human inflammatory response and coagulation pathway abnormalities in humans with hemorrhagic manifestations. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006460	4.8	13
72	Antibodies Against Henipa-Like Viruses in Brazilian Bats. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2017</b> , 17, 271-274	2.4	15
71	Flex-nucleoside analogues - Novel therapeutics against filoviruses. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 2800-2802	2.9	23
70	Crimean-Congo Hemorrhagic Fever in Humanized Mice Reveals Glial Cells as Primary Targets of Neurological Infection. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 216, 1386-1397	7	29
69	4RAzidocytidine (R1479) inhibits henipaviruses and other paramyxoviruses with high potency. <i>Antiviral Research</i> , <b>2017</b> , 144, 147-152	10.8	22
68	GS-5734 and its parent nucleoside analog inhibit Filo-, Pneumo-, and Paramyxoviruses. <i>Scientific Reports</i> , <b>2017</b> , 7, 43395	4.9	277
67	Whole Blood-Based Multiplex Immunoassays for the Evaluation of Human Biomarker Responses to Emerging Viruses in Resource-Limited Regions. <i>Viral Immunology</i> , <b>2017</b> , 30, 671-674	1.7	3

66	Identification of 2Rdeoxy-2Rfluorocytidine as a potent inhibitor of Crimean-Congo hemorrhagic fever virus replication using a recombinant fluorescent reporter virus. <i>Antiviral Research</i> , <b>2017</b> , 147, 91-99	10.8	31
65	Rapid Determination of Ebolavirus Infectivity in Clinical Samples Using a Novel Reporter Cell Line. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 216, 1380-1385	7	8
64	Genome Sequences of Crimean-Congo Hemorrhagic Fever Virus Strains Isolated in South Africa, Namibia, and Turkey. <i>Genome Announcements</i> , <b>2017</b> , 5,		5
63	Severity of Disease in Humanized Mice Infected With Ebola Virus or Reston Virus Is Associated With Magnitude of Early Viral Replication in Liver. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 217, 58-63	7	19
62	Identification of broadly neutralizing monoclonal antibodies against Crimean-Congo hemorrhagic fever virus. <i>Antiviral Research</i> , <b>2017</b> , 146, 112-120	10.8	20
61	Crimean-Congo Hemorrhagic Fever Virus Suppresses Innate Immune Responses via a Ubiquitin and ISG15 Specific Protease. <i>Cell Reports</i> , <b>2017</b> , 20, 2396-2407	10.6	41
60	Human immune system mouse models of Ebola virus infection. <i>Current Opinion in Virology</i> , <b>2017</b> , 25, 90-96	7.5	14
59	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. <i>Nature Immunology</i> , <b>2016</b> , 17, 1226-34	19.1	202
58	Lassa and Ebola virus inhibitors identified using minigenome and recombinant virus reporter systems. <i>Antiviral Research</i> , <b>2016</b> , 136, 9-18	10.8	45
57	Effect of Vandetanib on Andes virus survival in the hamster model of Hantavirus pulmonary syndrome. <i>Antiviral Research</i> , <b>2016</b> , 132, 66-9	10.8	8
56	The lipid moiety of brincidofovir is required for in vitro antiviral activity against Ebola virus. <i>Antiviral Research</i> , <b>2016</b> , 125, 71-8	10.8	38
55	Therapeutic efficacy of the small molecule GS-5734 against Ebola virus in rhesus monkeys. <i>Nature</i> , <b>2016</b> , 531, 381-5	50.4	923
54	A Molecular Sensor To Characterize Arenavirus Envelope Glycoprotein Cleavage by Subtilisin Kexin Isozyme 1/Site 1 Protease. <i>Journal of Virology</i> , <b>2016</b> , 90, 705-14	6.6	7
53	Molecular Insights into Crimean-Congo Hemorrhagic Fever Virus. <i>Viruses</i> , <b>2016</b> , 8, 106	6.2	55
52	Endocytic Pathways Used by Andes Virus to Enter Primary Human Lung Endothelial Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164768	3.7	13
51	Evaluation of the Activity of Lamivudine and Zidovudine against Ebola Virus. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166318	3.8	25
50	25-Hydroxycholesterol Inhibition of Lassa Virus Infection through Aberrant GP1 Glycosylation. <i>MBio</i> , <b>2016</b> , 7,	7.8	39
49	In vitro antiviral activity of adenosine analog NITD008 against tick-borne flaviviruses. <i>Antiviral Research</i> , <b>2016</b> , 130, 46-9	10.8	41

48	Ebola Virus Persistence in Semen of Male Survivors. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 1552-1555	11.6	81
47	Ebola Virus Replication and Disease Without Immunopathology in Mice Expressing Transgenes to Support Human Myeloid and Lymphoid Cell Engraftment. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, S308-S318	7.3	19
46	A chronological review of experimental infection studies of the role of wild animals and livestock in the maintenance and transmission of Crimean-Congo hemorrhagic fever virus. <i>Antiviral Research</i> , <b>2016</b> , 135, 31-47	10.8	52
45	Human Ebola virus infection results in substantial immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 4719-24	11.5	223
44	Recovery of Recombinant Crimean Congo Hemorrhagic Fever Virus Reveals a Function for Non-structural Glycoproteins Cleavage by Furin. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004879	7.6	49
43	The Use of TKM-100802 and Convalescent Plasma in 2 Patients With Ebola Virus Disease in the United States. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 496-502	11.6	151
42	Relationship Between Ebola Virus Real-Time Quantitative Polymerase Chain Reaction-Based Threshold Cycle Value and Virus Isolation From Human Plasma. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212 Suppl 2, S346-9	7	26
41	RIG-I Mediates an Antiviral Response to Crimean-Congo Hemorrhagic Fever Virus. <i>Journal of Virology</i> , <b>2015</b> , 89, 10219-29	6.6	21
40	Inhibitors of cellular kinases with broad-spectrum antiviral activity for hemorrhagic fever viruses. <i>Antiviral Research</i> , <b>2015</b> , 120, 40-7	10.8	50
39	Utility of Oral Swab Sampling for Ebola Virus Detection in Guinea Pig Model. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 1816-9	10.2	11
38	Von Willebrand factor is elevated in individuals infected with Sudan virus and is associated with adverse clinical outcomes. <i>Viral Immunology</i> , <b>2015</b> , 28, 71-3	1.7	17
37	Assessment of Inhibitors of Pathogenic Crimean-Congo Hemorrhagic Fever Virus Strains Using Virus-Like Particles. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004259	4.8	23
36	Evaluation of luciferase and GFP-expressing Nipah viruses for rapid quantitative antiviral screening. <i>Antiviral Research</i> , <b>2014</b> , 106, 53-60	10.8	26
35	Clinical care of two patients with Ebola virus disease in the United States. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 2402-9	59.2	273
34	Vascular events in viral hemorrhagic fevers: a comparative study of dengue and hantaviruses. <i>Cell and Tissue Research</i> , <b>2014</b> , 355, 621-33	4.2	14
33	Single-dose replication-defective VSV-based Nipah virus vaccines provide protection from lethal challenge in Syrian hamsters. <i>Antiviral Research</i> , <b>2014</b> , 101, 26-9	10.8	40
32	Small interfering RNA inhibition of Andes virus replication. <i>PLoS ONE</i> , <b>2014</b> , 9, e99764	3.7	8
31	Novel paramyxovirus associated with severe acute febrile disease, South Sudan and Uganda, 2012. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 211-6	10.2	38

30	Biomarker correlates of survival in pediatric patients with Ebola virus disease. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1683-90	10.2	68
29	Rift valley Fever virus encephalitis is associated with an ineffective systemic immune response and activated T cell infiltration into the CNS in an immunocompetent mouse model. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2874	4.8	29
28	Inhibitors of the tick-borne, hemorrhagic fever-associated flaviviruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 3206-16	5.9	34
27	Kyasanur Forest disease virus infection in mice is associated with higher morbidity and mortality than infection with the closely related Alkhurma hemorrhagic fever virus. <i>PLoS ONE</i> , <b>2014</b> , 9, e100301	3.7	18
26	Host mTORC1 signaling regulates andes virus replication. <i>Journal of Virology</i> , <b>2013</b> , 87, 912-22	6.6	38
25	The role of endothelial activation in dengue hemorrhagic fever and hantavirus pulmonary syndrome. <i>Virulence</i> , <b>2013</b> , 4, 525-36	4.7	22
24	Rift Valley fever virus clearance and protection from neurologic disease are dependent on CD4+ T cell and virus-specific antibody responses. <i>Journal of Virology</i> , <b>2013</b> , 87, 6161-71	6.6	29
23	Severe hemorrhagic fever in strain 13/N guinea pigs infected with Lujo virus. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1801	4.8	16
22	Distinct and overlapping roles of Nipah virus P gene products in modulating the human endothelial cell antiviral response. <i>PLoS ONE</i> , <b>2012</b> , 7, e47790	3.7	38
21	Reverse genetics recovery of Lujo virus and role of virus RNA secondary structures in efficient virus growth. <i>Journal of Virology</i> , <b>2012</b> , 86, 10759-65	6.6	28
20	Hantavirus pulmonary syndrome. <i>Virus Research</i> , <b>2011</b> , 162, 138-47	6.4	120
19	Rift Valley fever virus vaccine lacking the NSs and NSm genes is safe, nonteratogenic, and confers protection from viremia, pyrexia, and abortion following challenge in adult and pregnant sheep. <i>Journal of Virology</i> , <b>2011</b> , 85, 12901-9	6.6	86
18	Andes virus disrupts the endothelial cell barrier by induction of vascular endothelial growth factor and downregulation of VE-cadherin. <i>Journal of Virology</i> , <b>2010</b> , 84, 11227-34	6.6	79
17	Host-species transferrin receptor 1 orthologs are cellular receptors for nonpathogenic new world clade B arenaviruses. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000358	7.6	85
16	Unique small molecule entry inhibitors of hemorrhagic fever arenaviruses. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 18734-42	5.4	77
15	Site 1 protease is required for proteolytic processing of the glycoproteins of the South American hemorrhagic fever viruses Junin, Machupo, and Guanarito. <i>Journal of Virology</i> , <b>2008</b> , 82, 6045-51	6.6	62
14	Receptor determinants of zoonotic transmission of New World hemorrhagic fever arenaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2664-9	11.5	99
13	Transferrin receptor 1 is a cellular receptor for New World haemorrhagic fever arenaviruses. <i>Nature</i> , <b>2007</b> , 446, 92-6	50.4	314



12	Andes and Prospect Hill hantaviruses differ in early induction of interferon although both can downregulate interferon signaling. <i>Journal of Virology</i> , <b>2007</b> , 81, 2769-76	6.6	79
11	Old World and clade C New World arenaviruses mimic the molecular mechanism of receptor recognition used by alpha-dystroglycan $\beta$ host-derived ligands. <i>Journal of Virology</i> , <b>2007</b> , 81, 5685-95	6.6	57
10	Characterization of the interaction of lassa fever virus with its cellular receptor alpha-dystroglycan. <i>Journal of Virology</i> , <b>2005</b> , 79, 5979-87	6.6	77
9	Posttranslational modification of alpha-dystroglycan, the cellular receptor for arenaviruses, by the glycosyltransferase LARGE is critical for virus binding. <i>Journal of Virology</i> , <b>2005</b> , 79, 14282-96	6.6	117
8	Rapid diagnosis of Ebola hemorrhagic fever by reverse transcription-PCR in an outbreak setting and assessment of patient viral load as a predictor of outcome. <i>Journal of Virology</i> , <b>2004</b> , 78, 4330-41	6.6	403
7	New World arenavirus clade C, but not clade A and B viruses, utilizes alpha-dystroglycan as its major receptor. <i>Journal of Virology</i> , <b>2002</b> , 76, 5140-6	6.6	151
6	Hantavirus infection induces the expression of RANTES and IP-10 without causing increased permeability in human lung microvascular endothelial cells. <i>Journal of Virology</i> , <b>2001</b> , 75, 6070-85	6.6	118
5	Tracing Dobrava hantavirus infection. <i>Journal of Infectious Diseases</i> , <b>2000</b> , 181, 2116-7	7	5
4	Fatal illness associated with a new hantavirus in Louisiana. <i>Journal of Medical Virology</i> , <b>1995</b> , 46, 281-6	19.7	68
3	Identification of a new North American hantavirus that causes acute pulmonary insufficiency. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1995</b> , 52, 117-23	3.2	114
2	Utilization of autopsy RNA for the synthesis of the nucleocapsid antigen of a newly recognized virus associated with hantavirus pulmonary syndrome. <i>Virus Research</i> , <b>1993</b> , 30, 351-67	6.4	156
1	Interferon induction by viruses. XXII. Vesicular stomatitis virus-Indiana: M-protein and leader RNA do not regulate interferon induction in chicken embryo cells. <i>Journal of Interferon Research</i> , <b>1993</b> , 13, 413-8		12