

## List of Publications by Citations

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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.

80  
papers

3,053  
citations

28  
h-index

54  
g-index

94  
ext. papers

3,783  
ext. citations

6  
avg, IF

5.67  
L-index

#	Paper	IF	Citations
80	Mutations in TERT, the gene for telomerase reverse transcriptase, in aplastic anemia. <i>New England Journal of Medicine</i> , <b>2005</b> , 352, 1413-24	59.2	567
79	Cap binding and immune evasion revealed by Lassa nucleoprotein structure. <i>Nature</i> , <b>2010</b> , 468, 779-83	50.4	192
78	Viral RNA is required for the association of APOBEC3G with human immunodeficiency virus type 1 nucleoprotein complexes. <i>Journal of Virology</i> , <b>2005</b> , 79, 5870-4	6.6	154
77	NF-kappaB signaling differentially regulates influenza virus RNA synthesis. <i>Journal of Virology</i> , <b>2008</b> , 82, 9880-9	6.6	140
76	Comparative Structure and Function Analysis of the RIG-I-Like Receptors: RIG-I and MDA5. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1586	8.4	121
75	Peste des petits ruminants virus infection of small ruminants: a comprehensive review. <i>Viruses</i> , <b>2014</b> , 6, 2287-327	6.2	102
74	A universal telomerase RNA core structure includes structured motifs required for binding the telomerase reverse transcriptase protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 14713-8	11.5	95
73	Functional characterization of natural telomerase mutations found in patients with hematologic disorders. <i>Blood</i> , <b>2007</b> , 109, 524-32	2.2	85
72	XMRV infection in patients with prostate cancer: novel serologic assay and correlation with PCR and FISH. <i>Urology</i> , <b>2010</b> , 75, 755-61	1.6	83
71	Comprehensive structure-function analysis of the core domain of human telomerase RNA. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 6849-56	4.8	77
70	Functional characterization of telomerase RNA variants found in patients with hematologic disorders. <i>Blood</i> , <b>2005</b> , 105, 2332-9	2.2	77
69	Mutational analyses of packaging signals in influenza virus PA, PB1, and PB2 genomic RNA segments. <i>Journal of Virology</i> , <b>2008</b> , 82, 229-36	6.6	76
68	The Z proteins of pathogenic but not nonpathogenic arenaviruses inhibit RIG-I-like receptor-dependent interferon production. <i>Journal of Virology</i> , <b>2015</b> , 89, 2944-55	6.6	73
67	Emerging Concepts and Technologies in Vaccine Development. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 583078.	7.4	63
66	Structures of arenaviral nucleoproteins with triphosphate dsRNA reveal a unique mechanism of immune suppression. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 16949-16959	5.4	60
65	Development of infectious clones for virulent and avirulent pichinde viruses: a model virus to study arenavirus-induced hemorrhagic fevers. <i>Journal of Virology</i> , <b>2009</b> , 83, 6357-62	6.6	49
64	Comparative analysis of disease pathogenesis and molecular mechanisms of New World and Old World arenavirus infections. <i>Journal of General Virology</i> , <b>2014</b> , 95, 1-15	4.9	48

63	Receptor tyrosine kinase inhibitors that block replication of influenza a and other viruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 5553-9	5.9	47
62	The RNA-binding protein SUP-12 controls muscle-specific splicing of the ADF/cofilin pre-mRNA in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , <b>2004</b> , 167, 639-47	7.3	44
61	Host-Directed Antiviral Therapy. <i>Clinical Microbiology Reviews</i> , <b>2020</b> , 33,	34	40
60	Bipartite signal for genomic RNA dimerization in Moloney murine leukemia virus. <i>Journal of Virology</i> , <b>2002</b> , 76, 3135-44	6.6	39
59	Genetic variation in telomeric repeat binding factors 1 and 2 in aplastic anemia. <i>Experimental Hematology</i> , <b>2006</b> , 34, 664-71	3.1	37
58	A role for a novel 'trans-pseudoknot' RNA-RNA interaction in the functional dimerization of human telomerase. <i>Genes and Development</i> , <b>2003</b> , 17, 1078-83	12.6	37
57	Human hemorrhagic Fever causing arenaviruses: molecular mechanisms contributing to virus virulence and disease pathogenesis. <i>Pathogens</i> , <b>2015</b> , 4, 283-306	4.5	35
56	In vitro and in vivo characterizations of pichinde viral nucleoprotein exoribonuclease functions. <i>Journal of Virology</i> , <b>2015</b> , 89, 6595-607	6.6	30
55	Hemorrhagic Fever-Causing Arenaviruses: Lethal Pathogens and Potent Immune Suppressors. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 372	8.4	29
54	Inhibition of Innate Immune Responses Is Key to Pathogenesis by Arenaviruses. <i>Journal of Virology</i> , <b>2016</b> , 90, 3810-3818	6.6	28
53	IL-12 RB1 genetic variants contribute to human susceptibility to severe acute respiratory syndrome infection among Chinese. <i>PLoS ONE</i> , <b>2008</b> , 3, e2183	3.7	27
52	High-resolution structure of the N-terminal endonuclease domain of the Lassa virus L polymerase in complex with magnesium ions. <i>PLoS ONE</i> , <b>2014</b> , 9, e87577	3.7	26
51	PLC- $\eta$ signaling plays a subtype-specific role in postbinding cell entry of influenza A virus. <i>Journal of Virology</i> , <b>2014</b> , 88, 417-24	6.6	25
50	Molecular determinants of Pichinde virus infection of guinea pigs--a small animal model system for arenaviral hemorrhagic fevers. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1171 Suppl 1, E65-74	6.5	25
49	Identification and functional characterization of novel telomerase variant alleles in Japanese patients with bone-marrow failure syndromes. <i>Blood Cells, Molecules, and Diseases</i> , <b>2008</b> , 40, 185-191	2.1	21
48	Differential Inhibition of Macrophage Activation by Lymphocytic Choriomeningitis Virus and Pichinde Virus Is Mediated by the Z Protein N-Terminal Domain. <i>Journal of Virology</i> , <b>2015</b> , 89, 12513-7	6.6	20
47	Characterization of chikungunya virus induced host response in a mouse model of viral myositis. <i>PLoS ONE</i> , <b>2014</b> , 9, e92813	3.7	20
46	Telomere dysfunction in human diseases: the long and short of it!. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2009</b> , 2, 528-43	1.4	20

45	Development and Applications of Viral Vectored Vaccines to Combat Zoonotic and Emerging Public Health Threats. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	20
44	Targeting virulence mechanisms for the prevention and therapy of arenaviral hemorrhagic fever. <i>Antiviral Research</i> , <b>2013</b> , 97, 81-92	10.8	19
43	Genome comparison of virulent and avirulent strains of the Pichinde arenavirus. <i>Archives of Virology</i> , <b>2008</b> , 153, 1241-50	2.6	18
42	Moloney murine sarcoma virus genomic RNAs dimerize via a two-step process: a concentration-dependent kissing-loop interaction is driven by initial contact between consecutive guanines. <i>Journal of Virology</i> , <b>1999</b> , 73, 7255-61	6.6	18
41	A Novel Live Pichinde Virus-Based Vaccine Vector Induces Enhanced Humoral and Cellular Immunity after a Booster Dose. <i>Journal of Virology</i> , <b>2015</b> , 90, 2551-60	6.6	17
40	Biological roles and functional mechanisms of arenavirus Z protein in viral replication. <i>Journal of Virology</i> , <b>2012</b> , 86, 9794-801	6.6	17
39	Seroprevalence of SARS-CoV-2 (COVID-19) exposure in pet cats and dogs in Minnesota, USA. <i>Virulence</i> , <b>2021</b> , 12, 1597-1609	4.7	17
38	Arenaviral Nucleoproteins Suppress PACT-Induced Augmentation of RIG-I Function To Inhibit Type I Interferon Production. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	16
37	First genome report and analysis of chicken H7N9 influenza viruses with poly-basic amino acids insertion in the hemagglutinin cleavage site. <i>Scientific Reports</i> , <b>2017</b> , 7, 9972	4.9	16
36	Identification of virulence determinants within the L genomic segment of the pichinde arenavirus. <i>Journal of Virology</i> , <b>2013</b> , 87, 6635-43	6.6	16
35	Animal Models of Lassa Fever. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	14
34	Evaluation of cellular determinants required for in vitro xenotropic murine leukemia virus-related virus entry into human prostate cancer and noncancerous cells. <i>Journal of Virology</i> , <b>2010</b> , 84, 6288-96	6.6	13
33	Genetic and environmental factors influencing human diseases with telomere dysfunction. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2009</b> , 2, 114-30		13
32	Characterization of virulence-associated determinants in the envelope glycoprotein of Pichinde virus. <i>Virology</i> , <b>2012</b> , 433, 97-103	3.6	12
31	Functional characterization of the dimer linkage structure RNA of Moloney murine sarcoma virus. <i>Journal of Virology</i> , <b>2000</b> , 74, 9937-45	6.6	10
30	Differential Immune Responses to New World and Old World Mammalian Arenaviruses. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	9
29	Understanding the prevalence of SARS-CoV-2 (COVID-19) exposure in companion, captive, wild, and farmed animals. <i>Virulence</i> , <b>2021</b> , 12, 2777-2786	4.7	9
28	Failure of Japanese encephalitis vaccine and infection in inducing neutralizing antibodies against West Nile virus, People's Republic of China. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2008</b> , 78, 999-1001	3.2	8

27	Roles of Arenavirus Z Protein in Mediating Virion Budding, Viral Transcription-Inhibition and Interferon-Beta Suppression. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1604, 217-227	1.4	7
26	Telomere dynamics in induced pluripotent stem cells: Potentials for human disease modeling. <i>World Journal of Stem Cells</i> , <b>2011</b> , 3, 89-95	5.6	7
25	Advances in Development and Application of Influenza Vaccines. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 711997	4.7	7
24	Characterization of the Glycoprotein Stable Signal Peptide in Mediating Pichinde Virus Replication and Virulence. <i>Journal of Virology</i> , <b>2016</b> , 90, 10390-10397	6.6	6
23	Antibody responses against xenotropic murine leukemia virus-related virus envelope in a murine model. <i>PLoS ONE</i> , <b>2011</b> , 6, e18272	3.7	6
22	Functional characterization of yeast telomerase RNA dimerization. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 18857-63	5.4	5
21	Establishment of Bisegmented and Trisegmented Reverse Genetics Systems to Generate Recombinant Pichinde Viruses. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1604, 247-253	1.4	5
20	Pichinde Virus Infection of Outbred Hartley Guinea Pigs as a Surrogate Animal Model for Human Lassa Fever: Histopathological and Immunohistochemical Analyses. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	5
19	Recombinant Tri-Segmented Pichinde Virus as a Novel Live Viral Vaccine Platform. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1581, 169-179	1.4	4
18	Transcriptional activation of TIN2, a gene encoding the telomere-associated protein TIN2, by Sp1 and NF- $\kappa$ B Factors. <i>PLoS ONE</i> , <b>2011</b> , 6, e21333	3.7	4
17	Identification of TIN2 gene mutations in adult Japanese patients with acquired bone marrow failure syndromes. <i>British Journal of Haematology</i> , <b>2010</b> , 150, 725-7	4.5	4
16	Virulent infection of outbred Hartley guinea pigs with recombinant Pichinde virus as a surrogate small animal model for human Lassa fever. <i>Virulence</i> , <b>2020</b> , 11, 1131-1141	4.7	3
15	Assays to Demonstrate the Roles of Arenaviral Nucleoproteins (NPs) in Viral RNA Synthesis and in Suppressing Type I Interferon. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1604, 189-200	1.4	2
14	Pathogenicity and virulence mechanisms of Lassa virus and its animal modeling, diagnostic, prophylactic, and therapeutic developments. <i>Virulence</i> , <b>2021</b> ,	4.7	2
13	Functional characterization of mutations in the promoter proximal region of the telomerase hTERC gene identified in patients with hematological disorders. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2011</b> , 4, 187-92		2
12	Effect of Strain Variations on Lassa Virus Z Protein-Mediated Human RIG-I Inhibition. <i>Viruses</i> , <b>2020</b> , 12,	6.2	2
11	Functional Characterization of Telomerase RNA Variants Found in Patients with Hematological Disorders.. <i>Blood</i> , <b>2004</b> , 104, 2832-2832	2.2	1
10	Recombinant SARS-CoV-2 Nucleocapsid Protein: Expression, Purification, and Its Biochemical Characterization and Utility in Serological Assay Development to Assess Immunological Responses to SARS-CoV-2 Infection. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	1

9	RIG-I and MDA5 Protect Mice From Pichinde Virus Infection by Controlling Viral Replication and Regulating Immune Responses to the Infection.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 801811	8.4	1
8	Expression and X-Ray Structural Determination of the Nucleoprotein of Lassa Fever Virus. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1604, 179-188	1.4	
7	Assays to Assess Arenaviral Glycoprotein Function. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1604, 169-178	1.4	
6	Virulence profile: Hinh Ly. <i>Virulence</i> , <b>2016</b> , 7, 895-897	4.7	
5	Mutations in TERT, the Gene Encoding Telomerase Reverse Transcriptase, in Acquired Aplastic Anemia Inhibit Enzymatic Function by a Dominant Negative Mechanism of Action.. <i>Blood</i> , <b>2004</b> , 104, 3-3	2.2	
4	Structure-function analysis of the exoribonuclease domain of arenaviral nucleoproteins in mediating host immune evasion (LB138). <i>FASEB Journal</i> , <b>2014</b> , 28, LB138	0.9	
3	PLC-gamma1 signaling plays a subtype-specific role in postbinding cell entry of influenza A virus (LB258). <i>FASEB Journal</i> , <b>2014</b> , 28, LB258	0.9	
2	Characterization of Novel Natural Mutations in Telomere Binding Protein Factor (TIN2) Identified in Patients with Bone-Marrow Failure Syndromes. <i>Blood</i> , <b>2008</b> , 112, 3101-3101	2.2	
1	Identification and Functional Characterization of Novel Telomerase Variant Alleles in Patients with Bone-Marrow Failure Syndromes. <i>Blood</i> , <b>2008</b> , 112, 4113-4113	2.2	