Heinrich Feldmann

List of Publications by Year
in descending order

354 papers	28,614 citations	90 h-index	149 g-index
		3525	7944
399 all docs	399 docs citations	399 times ranked	19960 citing authors

#	Article	IF	Citations
1	Ebola haemorrhagic fever. Lancet, The, 2011, 377, 849-862.	6.3	1,101
2	Genetic identification of a hantavirus associated with an outbreak of acute respiratory illness. Science, 1993, 262, 914-917.	6.0	1,039
3	Aberrant innate immune response in lethal infection of macaques with the 1918 influenza virus. Nature, 2007, 445, 319-323.	13.7	892
4	Prophylactic and therapeutic remdesivir (GS-5734) treatment in the rhesus macaque model of MERS-CoV infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6771-6776.	3.3	735
5	Live attenuated recombinant vaccine protects nonhuman primates against Ebola and Marburg viruses. Nature Medicine, 2005, 11, 786-790.	15.2	607
6	Processing of the Ebola virus glycoprotein by the proprotein convertase furin. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 5762-5767.	3.3	453
7	Enhanced virulence of influenza A viruses with the haemagglutinin of the 1918 pandemic virus. Nature, 2004, 431, 703-707.	13.7	434
8	Treatment with interferon-Î±2b and ribavirin improves outcome in MERS-CoVâ€“infected rhesus macaques. Nature Medicine, 2013, 19, 1313-1317.	15.2	412
9	Person-to-Person Transmission of Nipah Virus in a Bangladeshi Community. Emerging Infectious Diseases, 2007, 13, 1031-1037.	2.0	387
10	Properties of Replication-Competent Vesicular Stomatitis Virus Vectors Expressing Glycoproteins of Filoviruses and Arenaviruses. Journal of Virology, 2004, 78, 5458-5465.	1.5	327
11	Clinical, Virologic, and Immunologic Followâ€Up of Convalescent Ebola Hemorrhagic Fever Patients and Their Household Contacts, Kikwit, Democratic Republic of the Congo. Journal of Infectious Diseases, 1999, 179, S28-S35.	1.9	323
12	Ebola virus: from discovery to vaccine. Nature Reviews Immunology, 2003, 3, 677-685.	10.6	278
13	The Pathogenesis of Ebola Virus Disease. Annual Review of Pathology: Mechanisms of Disease, 2017, 12, 387-418.	9.6	266
14	Middle East respiratory syndrome coronavirus (MERS-CoV) causes transient lower respiratory tract infection in rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16598-16603.	3.3	264
15	Host genetic diversity enables Ebola hemorrhagic fever pathogenesis and resistance. Science, 2014, 346, 987-991.	6.0	262
16	Tyro3 Family-Mediated Cell Entry of Ebola and Marburg Viruses. Journal of Virology, 2006, 80, 10109-10116.	1.5	248
17	Effective Post-Exposure Treatment of Ebola Infection. PLoS Pathogens, 2007, 3, e2.	2.1	246
18	Single-Injection Vaccine Protects Nonhuman Primates against Infection with Marburg Virus and Three Species of Ebola Virus. Journal of Virology, 2009, 83, 7296-7304.	1.5	241

#	Article	IF	Citations
19	Human Macrophage C-Type Lectin Specific for Galactose and N -Acetylgalactosamine Promotes Filovirus Entry. Journal of Virology, 2004, 78, 2943-2947.	1.5	237
20	Antibodies are necessary for rVSV/ZEBOV-GPâ€“mediated protection against lethal Ebola virus challenge in nonhuman primates. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1893-1898.	3.3	236
21	Filovirus-induced endothelial leakage triggered by infected monocytes/macrophages. Journal of Virology, 1996, 70, 2208-2214.	1.5	228
22	Development of a New Vaccine for the Prevention of Lassa Fever. PLoS Medicine, 2005, 2, e183.	3.9	223
23	Infection and Activation of Monocytes by Marburg and Ebola Viruses. Journal of Virology, 2001, 75, 11025-11033.	1.5	220
24	Ebola Virus Enters Host Cells by Macropinocytosis and Clathrin-Mediated Endocytosis. Journal of Infectious Diseases, 2011, 204, S957-S967.	1.9	219
25	A synthetic consensus antiâ€“spike protein DNA vaccine induces protective immunity against Middle East respiratory syndrome coronavirus in nonhuman primates. Science Translational Medicine, 2015, 7, 301ra132.	5.8	214
26	VSV-EBOV rapidly protects macaques against infection with the 2014/15 Ebola virus outbreak strain. Science, 2015, 349, 739-742.	6.0	213
27	The ecology of Ebola virus. Trends in Microbiology, 2007, 15, 408-416.	3.5	201
28	Reverse Genetics Demonstrates that Proteolytic Processing of the Ebola Virus Glycoprotein Is Not Essential for Replication in Cell Culture. Journal of Virology, 2002, 76, 406-410.	1.5	199
29	Molecular Determinants of Ebola Virus Virulence in Mice. PLoS Pathogens, 2006, 2, e73.	2.1	198
30	Utilization of autopsy RNA for the synthesis of the nucleocapsid antigen of a newly recognized virus associated with hantavirus pulmonary syndrome. Virus Research, 1993, 30, 351-367.	1.1	194
31	Defining the Syrian hamster as a highly susceptible preclinical model for SARS-CoV-2 infection. Emerging Microbes and Infections, 2020, 9, 2673-2684.	3.0	193
32	Infection with MERS-CoV Causes Lethal Pneumonia in the Common Marmoset. PLoS Pathogens, 2014, 10, e1004250.	2.1	186
33	Recombinant Vesicular Stomatitis Virusâ€“Based Vaccines Against Ebola and Marburg Virus Infections. Journal of Infectious Diseases, 2011, 204, S1075-S1081.	1.9	183
34	Inclusion Bodies Are a Site of Ebolavirus Replication. Journal of Virology, 2012, 86, 11779-11788.	1.5	183
35	An Alphavirus -derived replicon RNA vaccine induces SARS-CoV-2 neutralizing antibody and T cell responses in mice and nonhuman primates. Science Translational Medicine, 2020, 12, .	5.8	181
36	Genome Structure and Variability of a Virus Causing Hantavirus Pulmonary Syndrome. Virology, 1994, 200, 715-723.	1.1	179

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37	Vesicular stomatitis virus-based vaccines protect nonhuman primates against aerosol challenge with Ebola and Marburg viruses. Vaccine, 2008, 26, 6894-6900.	1.7	179
38	Vesicular Stomatitis Virus-Based Ebola Vaccine Is Well-Tolerated and Protects Immunocompromised Nonhuman Primates. PLoS Pathogens, 2008, 4, e1000225.	2.1	177
39	Nanopore Sequencing as a Rapidly Deployable Ebola Outbreak Tool. Emerging Infectious Diseases, 2016, 22, 331-4.	2.0	175
40	Viral hemorrhagic fever â€“ a vascular disease?. Thrombosis and Haemostasis, 2003, 89, 967-972.	1.8	170
41	Postexposure protection against Marburg haemorrhagic fever with recombinant vesicular stomatitis virus vectors in non-human primates: an efficacy assessment. Lancet, The, 2006, 367, 1399-1404.	6.3	166
42	Remdesivir (GS-5734) protects African green monkeys from Nipah virus challenge. Science Translational Medicine, 2019, 11, .	5.8	166
43	Effects of Ebola Virus Glycoproteins on Endothelial Cell Activation and Barrier Function. Journal of Virology, 2005, 79, 10442-10450.	1.5	165
44	Assembly and Budding of Ebolavirus. PLoS Pathogens, 2006, 2, e99.	2.1	158
45	Marburg virus, a filovirus: mÃ©ssenger RNAs, gene order, and regulatory elements of the replication cycle. Virus Research, 1992, 24, 1-19.	1.1	155
46	A New Ebola Virus Nonstructural Glycoprotein Expressed through RNA Editing. Journal of Virology, 2011, 85, 5406-5414.	1.5	153
47	Ebola virus: unravelling pathogenesis to combat a deadly disease. Trends in Molecular Medicine, 2006, 12, 206-215.	3.5	152
48	Nasal Delivery of an Adenovirus-Based Vaccine Bypasses Pre-Existing Immunity to the Vaccine Carrier and Improves the Immune Response in Mice. PLoS ONE, 2008, 3, e3548.	1.1	152
49	Characterization of Filoviruses Based on Differences in Structure and Antigenicity of the Virion Glycoprotein. Virology, 1994, 199, 469-473.	1.1	150
50	Disease modeling for Ebola and Marburg viruses. DMM Disease Models and Mechanisms, 2009, 2, 12-17.	1.2	150
51	Single-cell RNA sequencing reveals SARS-CoV-2 infection dynamics in lungs of African green monkeys. Science Translational Medicine, 2021, 13, .	5.8	146
52	Management of Accidental Exposure to Ebola Virus in the Biosafety Level 4 Laboratory, Hamburg, Germany. Journal of Infectious Diseases, 2011, 204, S785-S790.	1.9	138
53	Recombinant Vesicular Stomatitis Virus Vector Mediates Postexposure Protection against Sudan Ebola Hemorrhagic Fever in Nonhuman Primates. Journal of Virology, 2008, 82, 5664-5668.	1.5	136
54	A Neutralizing Human Monoclonal Antibody Protects African Green Monkeys from Hendra Virus Challenge. Science Translational Medicine, 2011, 3, 105ra103.	5.8	135

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55	Immune Parameters Correlate with Protection Against Ebola Virus Infection in Rodents and Nonhuman Primates. Science Translational Medicine, 2012, 4, 158ra146.	5.8	135
56	A Novel Life Cycle Modeling System for Ebola Virus Shows a Genome Length-Dependent Role of VP24 in Virus Infectivity. Journal of Virology, 2014, 88, 10511-10524.	1.5	134
57	Mucosal Immunization of Cynomolgus Macaques with the VSVÎ”G/ZEBOVGP Vaccine Stimulates Strong Ebola GP-Specific Immune Responses. PLoS ONE, 2009, 4, e5547.	1.1	130
58	Orally delivered MK-4482 inhibits SARS-CoV-2 replication in the Syrian hamster model. Nature Communications, 2021, 12, 2295.	5.8	130
59	Ebola. New England Journal of Medicine, 2020, 382, 1832-1842.	13.9	128
60	Mutation rate and genotype variation of Ebola virus from Mali case sequences. Science, 2015, 348, 117-119.	6.0	127
61	Pneumonia from Human Coronavirus in a Macaque Model. New England Journal of Medicine, 2013, 368, 1560-1562.	13.9	126
62	Glycosylation and oligomerization of the spike protein of marburg virus. Virology, 1991, 182, 353-356.	1.1	123
63	Infection of NaiÎ¨ve Target Cells with Virus-Like Particles: Implications for the Function of Ebola Virus VP24. Journal of Virology, 2006, 80, 7260-7264.	1.5	123
64	Ebola virus vaccines: an overview of current approaches. Expert Review of Vaccines, 2014, 13, 521-531.	2.0	122
65	Protective Efficacy of Neutralizing Monoclonal Antibodies in a Nonhuman Primate Model of Ebola Hemorrhagic Fever. PLoS ONE, 2012, 7, e36192.	1.1	121
66	A Hendra Virus G Glycoprotein Subunit Vaccine Protects African Green Monkeys from Nipah Virus Challenge. Science Translational Medicine, 2012, 4, 146ra107.	5.8	121
67	Ebola and Marburg haemorrhagic fever. Journal of Clinical Virology, 2015, 64, 111-119.	1.6	119
68	Therapeutic Treatment of Nipah Virus Infection in Nonhuman Primates with a Neutralizing Human Monoclonal Antibody. Science Translational Medicine, 2014, 6, 242ra82.	5.8	117
69	Considerations in the Use of Nonhuman Primate Models of Ebola Virus and Marburg Virus Infection: Table 1.. Journal of Infectious Diseases, 2015, 212, S91-S97.	1.9	116
70	Gamma Irradiation as an Effective Method for Inactivation of Emerging Viral Pathogens. American Journal of Tropical Medicine and Hygiene, 2019, 100, 1275-1277.	0.6	116
71	Clinical Outcome of Henipavirus Infection in Hamsters Is Determined by the Route and Dose of Infection. Journal of Virology, 2011, 85, 7658-7671.	1.5	115
72	The Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Does Not Replicate in Syrian Hamsters. PLoS ONE, 2013, 8, e69127.	1.1	114

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73	Assessment of a Vesicular Stomatitis Virusâ€“Based Vaccine by Use of the Mouse Model of Ebola Virus Hemorrhagic Fever. Journal of Infectious Diseases, 2007, 196, S404-S412.	1.9	113
74	Generation of biologically contained Ebola viruses. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1129-1133.	3.3	113
75	Cross-Protection against Marburg Virus Strains by Using a Live, Attenuated Recombinant Vaccine. Journal of Virology, 2006, 80, 9659-9666.	1.5	112
76	Therapeutic strategies to target the Ebola virus life cycle. Nature Reviews Microbiology, 2019, 17, 593-606.	13.6	110
77	Oligomerization of Ebola Virus VP40 Is Essential for Particle Morphogenesis and Regulation of Viral Transcription. Journal of Virology, 2010, 84, 7053-7063.	1.5	109
78	A Recombinant Vesicular Stomatitis Virus-Based Lassa Fever Vaccine Protects Guinea Pigs and Macaques against Challenge with Geographically and Genetically Distinct Lassa Viruses. PLoS Neglected Tropical Diseases, 2015, 9, e0003736.	1.3	109
79	A Syrian Golden Hamster Model Recapitulating Ebola Hemorrhagic Fever. Journal of Infectious Diseases, 2013, 207, 306-318.	1.9	108
80	Validation of assays to monitor immune responses in the Syrian golden hamster (Mesocricetus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.6	107
81	The vesicular stomatitis virus-based Ebola virus vaccine: From concept to clinical trials. Human Vaccines and Immunotherapeutics, 2018, 14, 2107-2113.	1.4	107
82	Reverse Genetics for Crimean-Congo Hemorrhagic Fever Virus. Journal of Virology, 2003, 77, 5997-6006.	1.5	104
83	Lethal Crimean-Congo Hemorrhagic Fever Virus Infection in Interferon Î±/Î² Receptor Knockout Mice Is Associated With High Viral Loads, Proinflammatory Responses, and Coagulopathy. Journal of Infectious Diseases, 2013, 207, 1909-1921.	1.9	104
84	Post-exposure treatments for Ebola and Marburg virus infections. Nature Reviews Drug Discovery, 2018, 17, 413-434.	21.5	104
85	Identification of Protective Epitopes on Ebola Virus Glycoprotein at the Single Amino Acid Level by Using Recombinant Vesicular Stomatitis Viruses. Journal of Virology, 2003, 77, 1069-1074.	1.5	103
86	Characterization of the L gene and 5' trailer region of Ebola virus.. Journal of General Virology, 1999, 80, 355-362.	1.3	102
87	Clinical aspects of Marburg hemorrhagic fever. Future Virology, 2011, 6, 1091-1106.	0.9	102
88	Vesicular Stomatitis Virusâ€“Based Ebola Vaccines With Improved Cross-Protective Efficacy. Journal of Infectious Diseases, 2011, 204, S1066-S1074.	1.9	102
89	Release of Viral Glycoproteins during Ebola Virus Infection. Virology, 1998, 245, 110-119.	1.1	99
90	A single intranasal dose of chimpanzee adenovirus-vectored vaccine protects against SARS-CoV-2 infection in rhesus macaques. Cell Reports Medicine, 2021, 2, 100230.	3.3	99

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91	Enzyme-Linked Immunosorbent Assay for Detection of Filovirus Species-Specific Antibodies. Vaccine Journal, 2010, 17, 1723-1728.	3.2	97
92	Host Response Dynamics Following Lethal Infection of Rhesus Macaques With Zaire ebolavirus. Journal of Infectious Diseases, 2011, 204, S991-S999.	1.9	95
93	Immunobiology of Ebola and Lassa virus infections. Nature Reviews Immunology, 2017, 17, 195-207.	10.6	95
94	Recombinant Vesicular Stomatitis Virus Vaccine Vectors Expressing Filovirus Glycoproteins Lack Neurovirulence in Nonhuman Primates. PLoS Neglected Tropical Diseases, 2012, 6, e1567.	1.3	95
95	Seroepidemiological Prevalence of Multiple Species of Filoviruses in Fruit Bats (<i>Eidolon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.9	94
96	The broad-spectrum antiviral favipiravir protects guinea pigs from lethal Lassa virus infection post-disease onset. Scientific Reports, 2015, 5, 14775.	1.6	91
97	Progress in filovirus vaccine development: evaluating the potential for clinical use. Expert Review of Vaccines, 2011, 10, 63-77.	2.0	90
98	Ebola GP-Specific Monoclonal Antibodies Protect Mice and Guinea Pigs from Lethal Ebola Virus Infection. PLoS Neglected Tropical Diseases, 2012, 6, e1575.	1.3	90
99	Ebola Virus Matrix Protein VP40 Uses the COPII Transport System for Its Intracellular Transport. Cell Host and Microbe, 2008, 3, 168-177.	5.1	89
100	Detection of Lassa Virus, Mali. Emerging Infectious Diseases, 2010, 16, 1123-1126.	2.0	89
101	A Replicating Cytomegalovirus-Based Vaccine Encoding a Single Ebola Virus Nucleoprotein CTL Epitope Confers Protection against Ebola Virus. PLoS Neglected Tropical Diseases, 2011, 5, e1275.	1.3	88
102	The Ebola Virus Glycoprotein Contributes to but Is Not Sufficient for Virulence In Vivo. PLoS Pathogens, 2012, 8, e1002847.	2.1	88
103	Lassa Fever in West Africa: Evidence for an Expanded Region of Endemicity. Zoonoses and Public Health, 2012, 59, 43-47.	0.9	87
104	Rescue of hantaan virus minigenomes. Virology, 2003, 306, 219-224.	1.1	85
105	Protective efficacy of neutralizing antibodies against Ebola virus infection. Vaccine, 2007, 25, 993-999.	1.7	84
106	The Ebola virus ribonucleoprotein complex: A novel VP30â€“L interaction identified. Virus Research, 2009, 140, 8-14.	1.1	84
107	Pandemic Swine-Origin H1N1 Influenza A Virus Isolates Show Heterogeneous Virulence in Macaques. Journal of Virology, 2011, 85, 1214-1223.	1.5	84
108	Susceptibility of swine cells and domestic pigs to SARS-CoV-2. Emerging Microbes and Infections, 2020, 9, 2278-2288.	3.0	84

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109	Vesicular Stomatitis Virus-Based Vaccines Protect Nonhuman Primates against Bundibugyo ebolavirus. PLoS Neglected Tropical Diseases, 2013, 7, e2600.	1.3	83
110	Ebola â€" A Growing Threat?. New England Journal of Medicine, 2014, 371, 1375-1378.	13.9	83
111	Discovery of an antibody for pan-ebolavirus therapy. Scientific Reports, 2016, 6, 20514.	1.6	83
112	The nucleotide sequence of the L gene of marburg virus, a filovirus: Homologies with paramyxoviruses and rhabdoviruses. Virology, 1992, 187, 534-547.	1.1	82
113	Emergency Postexposure Vaccination With Vesicular Stomatitis Virusâ€"Vectored Ebola Vaccine After Needlestick. JAMA - Journal of the American Medical Association, 2015, 313, 1249.	3.8	82
114	An Ebola whole-virus vaccine is protective in nonhuman primates. Science, 2015, 348, 439-442.	6.0	81
115	Effective Chemical Inactivation of Ebola Virus. Emerging Infectious Diseases, 2016, 22, 1292-1294.	2.0	81
116	Delayed Disease Progression in Cynomolgus Macaques Infected with Ebola Virus Makona Strain. Emerging Infectious Diseases, 2015, 21, 1777-1783.	2.0	80
117	Marburg and Ebola Hemorrhagic Fevers: Does the Primary Course of Infection Depend on the Accessibility of Organâ€Specific Macrophages?. Clinical Infectious Diseases, 1998, 27, 404-406.	2.9	79
118	Stimulation of Ebola virus production from persistent infection through activation of the Ras/MAPK pathway. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17982-17987.	3.3	79
119	Ebola Virion Attachment and Entry into Human Macrophages Profoundly Effects Early Cellular Gene Expression. PLoS Neglected Tropical Diseases, 2011, 5, e1359.	1.3	79
120	RNA Polymerase I-Driven Minigenome System for Ebola Viruses. Journal of Virology, 2005, 79, 4425-4433.	1.5	78
121	Postexposure Treatment of Marburg Virus Infection. Emerging Infectious Diseases, 2010, 16, 1119-1122.	2.0	78
122	Current ebola vaccines. Expert Opinion on Biological Therapy, 2012, 12, 859-872.	1.4	76
123	In Vitro and In Vivo Characterization of Recombinant Ebola Viruses Expressing Enhanced Green Fluorescent Protein. Journal of Infectious Diseases, 2007, 196, S313-S322.	1.9	74
124	Replication-Deficient Ebolavirus as a Vaccine Candidate. Journal of Virology, 2009, 83, 3810-3815.	1.5	73
125	Single-dose live-attenuated Nipah virus vaccines confer complete protection by eliciting antibodies directed against surface glycoproteins. Vaccine, 2014, 32, 2637-2644.	1.7	73
126	Use of Favipiravir to Treat Lassa Virus Infection in Macaques. Emerging Infectious Diseases, 2018, 24, 1696-1699.	2.0	72

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127	Vesicular Stomatitis Virusâ€“based Vaccines against Lassa and Ebola Viruses. Emerging Infectious Diseases, 2015, 21, 305-7.	2.0	72
128	Comparison of the Pathogenicity of Nipah Virus Isolates from Bangladesh and Malaysia in the Syrian Hamster. PLoS Neglected Tropical Diseases, 2013, 7, e2024.	1.3	71
129	Recent advances in understanding Crimeanâ€“Congo hemorrhagic fever virus. F1000Research, 2018, 7, 1715.	0.8	71
130	Prospects for immunisation against Marburg and Ebola viruses. Reviews in Medical Virology, 2010, 20, 344-357.	3.9	69
131	Vesicular Stomatitis Virus-Based Vaccine Protects Hamsters against Lethal Challenge with Andes Virus. Journal of Virology, 2011, 85, 12781-12791.	1.5	68
132	Durability of a Vesicular Stomatitis Virus-Based Marburg Virus Vaccine in Nonhuman Primates. PLoS ONE, 2014, 9, e94355.	1.1	67
133	Interaction between TIM-1 and NPC1 Is Important for Cellular Entry of Ebola Virus. Journal of Virology, 2015, 89, 6481-6493.	1.5	67
134	An Upstream Open Reading Frame Modulates Ebola Virus Polymerase Translation and Virus Replication. PLoS Pathogens, 2013, 9, e1003147.	2.1	66
135	Rhabdovirus-Based Vaccine Platforms against Henipaviruses. Journal of Virology, 2015, 89, 144-154.	1.5	66
136	Pathophysiology of hantavirus pulmonary syndrome in rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7114-7119.	3.3	65
137	Recent advances in research on Crimean-Congo hemorrhagic fever. Journal of Clinical Virology, 2015, 64, 137-143.	1.6	65
138	The Ebola Virus Glycoprotein and HIV-1 Vpu Employ Different Strategies to Counteract the Antiviral Factor Tetherin. Journal of Infectious Diseases, 2011, 204, S850-S860.	1.9	64
139	Single-dose live-attenuated vesicular stomatitis virus-based vaccine protects African green monkeys from Nipah virus disease. Vaccine, 2015, 33, 2823-2829.	1.7	64
140	A VSV-based Zika virus vaccine protects mice from lethal challenge. Scientific Reports, 2018, 8, 11043.	1.6	63
141	Pathogenesis and Host Response in Syrian Hamsters following Intranasal Infection with Andes Virus. PLoS Pathogens, 2011, 7, e1002426.	2.1	62
142	Efficacy of Vesicular Stomatitis Virusâ€“Ebola Virus Postexposure Treatment in Rhesus Macaques Infected With Ebola Virus Makona. Journal of Infectious Diseases, 2016, 214, S360-S366.	1.9	62
143	A cynomolgus macaque model for Crimeanâ€“Congo haemorrhagic fever. Nature Microbiology, 2018, 3, 556-562.	5.9	62
144	The Syrian hamster model of hantavirus pulmonary syndrome. Antiviral Research, 2012, 95, 282-292.	1.9	61

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145	Ebola vaccine trials: progress in vaccine safety and immunogenicity. Expert Review of Vaccines, 2019, 18, 1229-1242.	2.0	61
146	Laboratory diagnosis of Ebola and Marburg hemorrhagic fever. Bulletin De La Societe De Pathologie Exotique, 2005, 98, 205-9.	0.3	61
147	Ebola virus ecology: a continuing mystery. Trends in Microbiology, 2004, 12, 433-437.	3.5	60
148	Cathepsin B & L Are Not Required for Ebola Virus Replication. PLoS Neglected Tropical Diseases, 2012, 6, e1923.	1.3	60
149	Chimeric human parainfluenza virus bearing the Ebola virus glycoprotein as the sole surface protein is immunogenic and highly protective against Ebola virus challenge. Virology, 2009, 383, 348-361.	1.1	59
150	An Animal Model for the Tickborne Flavivirusâ€"Omsk Hemorrhagic Fever Virus. Journal of Infectious Diseases, 2005, 191, 100-108.	1.9	57
151	Lack of Protection Against Ebola Virus from Chloroquine in Mice and Hamsters. Emerging Infectious Diseases, 2015, 21, 1065-1067.	2.0	57
152	The Use of a Mobile Laboratory Unit in Support of Patient Management and Epidemiological Surveillance during the 2005 Marburg Outbreak in Angola. PLoS Neglected Tropical Diseases, 2011, 5, e1183.	1.3	56
153	Foodborne Transmission of Nipah Virus in Syrian Hamsters. PLoS Pathogens, 2014, 10, e1004001.	2.1	56
154	Efficacy of antibody-based therapies against Middle East respiratory syndrome coronavirus (MERS-CoV) in common marmosets. Antiviral Research, 2017, 143, 30-37.	1.9	56
155	Nipah Virus Transmission in a Hamster Model. PLoS Neglected Tropical Diseases, 2011, 5, e1432.	1.3	55
156	A novel Ebola virus expressing luciferase allows for rapid and quantitative testing of antivirals. Antiviral Research, 2013, 99, 207-213.	1.9	55
157	Cytomegalovirus-based vaccine expressing Ebola virus glycoprotein protects nonhuman primates from Ebola virus infection. Scientific Reports, 2016, 6, 21674.	1.6	54
158	Recently Identified Mutations in the Ebola Virus-Makona Genome Do Not Alter Pathogenicity in Animal Models. Cell Reports, 2018, 23, 1806-1816.	2.9	54
159	Thoracic radiography as a refinement methodology for the study of H1N1 influenza in cynomologus macaques (Macaca fascicularis). Comparative Medicine, 2010, 60, 389-95.	0.4	54
160	Protective Efficacy of a Bivalent Recombinant Vesicular Stomatitis Virus Vaccine in the Syrian Hamster Model of Lethal Ebola Virus Infection. Journal of Infectious Diseases, 2011, 204, S1090-S1097.	1.9	53
161	A cytomegalovirus-based vaccine provides long-lasting protection against lethal Ebola virus challenge after a single dose. Vaccine, 2015, 33, 2261-2266.	1.7	53
162	Filoviruses: Ecology, Molecular Biology, and Evolution. Advances in Virus Research, 2018, 100, 189-221.	0.9	53

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163	Nucleocapsid protein-based vaccine provides protection in mice against lethal Crimean-Congo hemorrhagic fever virus challenge. PLoS Neglected Tropical Diseases, 2018, 12, e0006628.	1.3	53
164	Antagonism of Type I Interferon Responses by New World Hantaviruses. Journal of Virology, 2010, 84, 11790-11801.	1.5	52
165	In Vitro and In Vivo Activity of Ribavirin against Andes Virus Infection. PLoS ONE, 2011, 6, e23560.	1.1	52
166	Single Immunization With a Monovalent Vesicular Stomatitis Virusâ€“Based Vaccine Protects Nonhuman Primates Against Heterologous Challenge With Bundibugyo ebolavirus. Journal of Infectious Diseases, 2011, 204, S1082-S1089.	1.9	52
167	Ebola Virus RNA Editing Depends on the Primary Editing Site Sequence and an Upstream Secondary Structure. PLoS Pathogens, 2013, 9, e1003677.	2.1	52
168	Ebola: Lessons on Vaccine Development. Annual Review of Microbiology, 2018, 72, 423-446.	2.9	51
169	Antibody-Dependent Enhancement of Marburg Virus Infection. Journal of Infectious Diseases, 2011, 204, S978-S985.	1.9	50
170	Favipiravir (T-705) but not ribavirin is effective against two distinct strains of Crimean-Congo hemorrhagic fever virus in mice. Antiviral Research, 2018, 157, 18-26.	1.9	50
171	Geographic Distribution and Genetic Characterization of Lassa Virus in Sub-Saharan Mali. PLoS Neglected Tropical Diseases, 2013, 7, e2582.	1.3	49
172	Lymphopenia Associated with Highly Virulent H5N1 Virus Infection Due to Plasmacytoid Dendritic Cellâ€“Mediated Apoptosis of T Cells. Journal of Immunology, 2014, 192, 5906-5912.	0.4	49
173	Ebola Virus Modulates Transforming Growth Factor Î² Signaling and Cellular Markers of Mesenchyme-Like Transition in Hepatocytes. Journal of Virology, 2014, 88, 9877-9892.	1.5	49
174	1918 H1N1 Influenza Virus Replicates and Induces Proinflammatory Cytokine Responses in Extrarespiratory Tissues of Ferrets. Journal of Infectious Diseases, 2018, 217, 1237-1246.	1.9	49
175	Two recombinant human monoclonal antibodies that protect against lethal Andes hantavirus infection in vivo. Science Translational Medicine, 2018, 10, .	5.8	49
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353	Continuing Orthohantavirus Circulation in Deer Mice in Western Montana. Viruses, 2021, 13, 1006.	1.5	0
354	Methanol Fixation, but not Giemsa Staining, Inactivates Ebola and Lassa Viruses in Peripheral Blood Smears Made on Plastic Microscope Slides. American Journal of Tropical Medicine and Hygiene, 2020, 103, 2085-2090.	0.6	0