

Heinrich Feldmann

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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.

351
papers

22,354
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80
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135
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396
ext. papers

25,809
ext. citations

10.2
avg, IF

7.07
L-index

#	Paper	IF	Citations
351	Ebola haemorrhagic fever. <i>Lancet, The</i> , 2011 , 377, 849-62	40	899
350	Genetic identification of a hantavirus associated with an outbreak of acute respiratory illness. <i>Science</i> , 1993 , 262, 914-7	33.3	846
349	Aberrant innate immune response in lethal infection of macaques with the 1918 influenza virus. <i>Nature</i> , 2007 , 445, 319-23	50.4	762
348	Prophylactic and therapeutic remdesivir (GS-5734) treatment in the rhesus macaque model of MERS-CoV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6771-6776	11.5	587
347	Live attenuated recombinant vaccine protects nonhuman primates against Ebola and Marburg viruses. <i>Nature Medicine</i> , 2005 , 11, 786-90	50.5	506
346	Processing of the Ebola virus glycoprotein by the proprotein convertase furin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 5762-7	11.5	399
345	Enhanced virulence of influenza A viruses with the haemagglutinin of the 1918 pandemic virus. <i>Nature</i> , 2004 , 431, 703-7	50.4	374
344	Treatment with interferon- α 2b and ribavirin improves outcome in MERS-CoV-infected rhesus macaques. <i>Nature Medicine</i> , 2013 , 19, 1313-7	50.5	357
343	Person-to-person transmission of Nipah virus in a Bangladeshi community. <i>Emerging Infectious Diseases</i> , 2007 , 13, 1031-7	10.2	291
342	Clinical, virologic, and immunologic follow-up of convalescent Ebola hemorrhagic fever patients and their household contacts, Kikwit, Democratic Republic of the Congo. Commission de Lutte contre les Epidemies [Kikwit]. <i>Journal of Infectious Diseases</i> , 1999 , 179 Suppl 1, S28-35	7	273
341	Properties of replication-competent vesicular stomatitis virus vectors expressing glycoproteins of filoviruses and arenaviruses. <i>Journal of Virology</i> , 2004 , 78, 5458-65	6.6	259
340	Middle East respiratory syndrome coronavirus (MERS-CoV) causes transient lower respiratory tract infection in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16598-603	11.5	232
339	Ebola virus: from discovery to vaccine. <i>Nature Reviews Immunology</i> , 2003 , 3, 677-85	36.5	226
338	Effective post-exposure treatment of Ebola infection. <i>PLoS Pathogens</i> , 2007 , 3, e2	7.6	212
337	Human macrophage C-type lectin specific for galactose and N-acetylgalactosamine promotes filovirus entry. <i>Journal of Virology</i> , 2004 , 78, 2943-7	6.6	206
336	Single-injection vaccine protects nonhuman primates against infection with marburg virus and three species of ebola virus. <i>Journal of Virology</i> , 2009 , 83, 7296-304	6.6	202
335	Tyrosinase-mediated cell entry of Ebola and Marburg viruses. <i>Journal of Virology</i> , 2006 , 80, 10109-16	6.6	202

334	Filovirus-induced endothelial leakage triggered by infected monocytes/macrophages. <i>Journal of Virology</i> , 1996 , 70, 2208-14	6.6	192
333	Antibodies are necessary for rVSV/ZEBOV-GP-mediated protection against lethal Ebola virus challenge in nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1893-8	11.5	187
332	Host genetic diversity enables Ebola hemorrhagic fever pathogenesis and resistance. <i>Science</i> , 2014 , 346, 987-91	33.3	183
331	A synthetic consensus anti-spike protein DNA vaccine induces protective immunity against Middle East respiratory syndrome coronavirus in nonhuman primates. <i>Science Translational Medicine</i> , 2015 , 7, 301ra132	17.5	182
330	Development of a new vaccine for the prevention of Lassa fever. <i>PLoS Medicine</i> , 2005 , 2, e183	11.6	182
329	Infection and activation of monocytes by Marburg and Ebola viruses. <i>Journal of Virology</i> , 2001 , 75, 11025-33	5.33	181
328	Ebola virus enters host cells by macropinocytosis and clathrin-mediated endocytosis. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S957-67	7	176
327	Reverse genetics demonstrates that proteolytic processing of the Ebola virus glycoprotein is not essential for replication in cell culture. <i>Journal of Virology</i> , 2002 , 76, 406-10	6.6	171
326	Infection with MERS-CoV causes lethal pneumonia in the common marmoset. <i>PLoS Pathogens</i> , 2014 , 10, e1004250	7.6	170
325	Molecular determinants of Ebola virus virulence in mice. <i>PLoS Pathogens</i> , 2006 , 2, e73	7.6	168
324	The ecology of Ebola virus. <i>Trends in Microbiology</i> , 2007 , 15, 408-16	12.4	166
323	The Pathogenesis of Ebola Virus Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2017 , 12, 387-418	34	164
322	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> , 1993 , 30, 351-67	6.4	156
321	Vesicular stomatitis virus-based ebola vaccine is well-tolerated and protects immunocompromised nonhuman primates. <i>PLoS Pathogens</i> , 2008 , 4, e1000225	7.6	155
320	Recombinant vesicular stomatitis virus-based vaccines against Ebola and Marburg virus infections. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S1075-81	7	152
319	Viral hemorrhagic fever is a vascular disease?. <i>Thrombosis and Haemostasis</i> , 2003 , 89, 967-972	7	150
318	Effects of Ebola virus glycoproteins on endothelial cell activation and barrier function. <i>Journal of Virology</i> , 2005 , 79, 10442-50	6.6	149
317	EBOLA VACCINE. VSV-EBOV rapidly protects macaques against infection with the 2014/15 Ebola virus outbreak strain. <i>Science</i> , 2015 , 349, 739-42	33.3	148

316	Genome structure and variability of a virus causing hantavirus pulmonary syndrome. <i>Virology</i> , 1994 , 200, 715-23	3.6	148
315	Vesicular stomatitis virus-based vaccines protect nonhuman primates against aerosol challenge with Ebola and Marburg viruses. <i>Vaccine</i> , 2008 , 26, 6894-900	4.1	147
314	Postexposure protection against Marburg haemorrhagic fever with recombinant vesicular stomatitis virus vectors in non-human primates: an efficacy assessment. <i>Lancet, The</i> , 2006 , 367, 1399-404 ⁴⁰	4.0	140
313	Characterization of filoviruses based on differences in structure and antigenicity of the virion glycoprotein. <i>Virology</i> , 1994 , 199, 469-73	3.6	133
312	Ebola virus: unravelling pathogenesis to combat a deadly disease. <i>Trends in Molecular Medicine</i> , 2006 , 12, 206-15	11.5	130
311	Nanopore Sequencing as a Rapidly Deployable Ebola Outbreak Tool. <i>Emerging Infectious Diseases</i> , 2016 , 22, 331-4	10.2	130
310	Inclusion bodies are a site of ebolavirus replication. <i>Journal of Virology</i> , 2012 , 86, 11779-88	6.6	128
309	Marburg virus, a filovirus: messenger RNAs, gene order, and regulatory elements of the replication cycle. <i>Virus Research</i> , 1992 , 24, 1-19	6.4	128
308	Disease modeling for Ebola and Marburg viruses. <i>DMM Disease Models and Mechanisms</i> , 2009 , 2, 12-7	4.1	127
307	Assembly and budding of Ebolavirus. <i>PLoS Pathogens</i> , 2006 , 2, e99	7.6	126
306	Nasal delivery of an adenovirus-based vaccine bypasses pre-existing immunity to the vaccine carrier and improves the immune response in mice. <i>PLoS ONE</i> , 2008 , 3, e3548	3.7	125
305	Pneumonia from human coronavirus in a macaque model. <i>New England Journal of Medicine</i> , 2013 , 368, 1560-2	59.2	121
304	A new Ebola virus nonstructural glycoprotein expressed through RNA editing. <i>Journal of Virology</i> , 2011 , 85, 5406-14	6.6	121
303	Immune parameters correlate with protection against ebola virus infection in rodents and nonhuman primates. <i>Science Translational Medicine</i> , 2012 , 4, 158ra146	17.5	117
302	Recombinant vesicular stomatitis virus vector mediates postexposure protection against Sudan Ebola hemorrhagic fever in nonhuman primates. <i>Journal of Virology</i> , 2008 , 82, 5664-8	6.6	113
301	Mucosal immunization of cynomolgus macaques with the VSVDeltaG/ZEBOVGP vaccine stimulates strong ebola GP-specific immune responses. <i>PLoS ONE</i> , 2009 , 4, e5547	3.7	110
300	Protective efficacy of neutralizing monoclonal antibodies in a nonhuman primate model of Ebola hemorrhagic fever. <i>PLoS ONE</i> , 2012 , 7, e36192	3.7	110
299	Management of accidental exposure to Ebola virus in the biosafety level 4 laboratory, Hamburg, Germany. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S785-90	7	109

298	Glycosylation and oligomerization of the spike protein of Marburg virus. <i>Virology</i> , 1991 , 182, 353-6	3.6	109
297	Remdesivir (GS-5734) protects African green monkeys from Nipah virus challenge. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	108
296	Virology. Mutation rate and genotype variation of Ebola virus from Mali case sequences. <i>Science</i> , 2015 , 348, 117-9	33.3	106
295	A neutralizing human monoclonal antibody protects african green monkeys from hendra virus challenge. <i>Science Translational Medicine</i> , 2011 , 3, 105ra103	17.5	105
294	The Middle East respiratory syndrome coronavirus (MERS-CoV) does not replicate in Syrian hamsters. <i>PLoS ONE</i> , 2013 , 8, e69127	3.7	105
293	Infection of naive target cells with virus-like particles: implications for the function of ebola virus VP24. <i>Journal of Virology</i> , 2006 , 80, 7260-4	6.6	103
292	A novel life cycle modeling system for Ebola virus shows a genome length-dependent role of VP24 in virus infectivity. <i>Journal of Virology</i> , 2014 , 88, 10511-24	6.6	102
291	Ebola virus vaccines: an overview of current approaches. <i>Expert Review of Vaccines</i> , 2014 , 13, 521-31	5.2	100
290	Cross-protection against Marburg virus strains by using a live, attenuated recombinant vaccine. <i>Journal of Virology</i> , 2006 , 80, 9659-66	6.6	98
289	An -derived replicon RNA vaccine induces SARS-CoV-2 neutralizing antibody and T cell responses in mice and nonhuman primates. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	96
288	Ebola and Marburg haemorrhagic fever. <i>Journal of Clinical Virology</i> , 2015 , 64, 111-9	14.5	94
287	Oligomerization of Ebola virus VP40 is essential for particle morphogenesis and regulation of viral transcription. <i>Journal of Virology</i> , 2010 , 84, 7053-63	6.6	93
286	Identification of protective epitopes on ebola virus glycoprotein at the single amino acid level by using recombinant vesicular stomatitis viruses. <i>Journal of Virology</i> , 2003 , 77, 1069-74	6.6	93
285	A Syrian golden hamster model recapitulating ebola hemorrhagic fever. <i>Journal of Infectious Diseases</i> , 2013 , 207, 306-18	7	92
284	Assessment of a vesicular stomatitis virus-based vaccine by use of the mouse model of Ebola virus hemorrhagic fever. <i>Journal of Infectious Diseases</i> , 2007 , 196 Suppl 2, S404-12	7	92
283	Characterization of the L gene and 5' trailer region of Ebola virus. <i>Journal of General Virology</i> , 1999 , 80 (Pt 2), 355-362	4.9	92
282	Defining the Syrian hamster as a highly susceptible preclinical model for SARS-CoV-2 infection. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2673-2684	18.9	91
281	A Hendra virus G glycoprotein subunit vaccine protects African green monkeys from Nipah virus challenge. <i>Science Translational Medicine</i> , 2012 , 4, 146ra107	17.5	91

280	Reverse genetics for crimean-congo hemorrhagic fever virus. <i>Journal of Virology</i> , 2003 , 77, 5997-6006	6.6	91
279	Release of viral glycoproteins during Ebola virus infection. <i>Virology</i> , 1998 , 245, 110-9	3.6	89
278	Therapeutic treatment of Nipah virus infection in nonhuman primates with a neutralizing human monoclonal antibody. <i>Science Translational Medicine</i> , 2014 , 6, 242ra82	17.5	87
277	Clinical outcome of henipavirus infection in hamsters is determined by the route and dose of infection. <i>Journal of Virology</i> , 2011 , 85, 7658-71	6.6	87
276	Host response dynamics following lethal infection of rhesus macaques with Zaire ebolavirus. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S991-9	7	87
275	Considerations in the Use of Nonhuman Primate Models of Ebola Virus and Marburg Virus Infection. <i>Journal of Infectious Diseases</i> , 2015 , 212 Suppl 2, S91-7	7	84
274	Generation of biologically contained Ebola viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1129-33	11.5	84
273	Progress in filovirus vaccine development: evaluating the potential for clinical use. <i>Expert Review of Vaccines</i> , 2011 , 10, 63-77	5.2	81
272	A recombinant vesicular stomatitis virus-based Lassa fever vaccine protects guinea pigs and macaques against challenge with geographically and genetically distinct Lassa viruses. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003736	4.8	80
271	Vesicular stomatitis virus-based Ebola vaccines with improved cross-protective efficacy. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S1066-74	7	79
270	Pandemic swine-origin H1N1 influenza A virus isolates show heterogeneous virulence in macaques. <i>Journal of Virology</i> , 2011 , 85, 1214-23	6.6	79
269	Enzyme-linked immunosorbent assay for detection of filovirus species-specific antibodies. <i>Vaccine Journal</i> , 2010 , 17, 1723-8		78
268	Detection of Lassa virus, Mali. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1123-6	10.2	77
267	Protective efficacy of neutralizing antibodies against Ebola virus infection. <i>Vaccine</i> , 2007 , 25, 993-9	4.1	77
266	Recombinant vesicular stomatitis virus vaccine vectors expressing filovirus glycoproteins lack neurovirulence in nonhuman primates. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1567	4.8	77
265	Ebola GP-specific monoclonal antibodies protect mice and guinea pigs from lethal Ebola virus infection. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1575	4.8	77
264	Lethal Crimean-Congo hemorrhagic fever virus infection in interferon α receptor knockout mice is associated with high viral loads, proinflammatory responses, and coagulopathy. <i>Journal of Infectious Diseases</i> , 2013 , 207, 1909-21	7	74
263	The Ebola virus glycoprotein contributes to but is not sufficient for virulence in vivo. <i>PLoS Pathogens</i> , 2012 , 8, e1002847	7.6	74

262	Seroepidemiological Prevalence of Multiple Species of Filoviruses in Fruit Bats (<i>Eidolon helvum</i>) Migrating in Africa. <i>Journal of Infectious Diseases</i> , 2015 , 212 Suppl 2, S101-8	7	72
261	Post-exposure treatments for Ebola and Marburg virus infections. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 413-434	64.1	72
260	Therapeutic strategies to target the Ebola virus life cycle. <i>Nature Reviews Microbiology</i> , 2019 , 17, 593-606	2.2	72
259	Validation of assays to monitor immune responses in the Syrian golden hamster (<i>Mesocricetus auratus</i>). <i>Journal of Immunological Methods</i> , 2011 , 368, 24-35	2.5	72
258	Lassa fever in West Africa: evidence for an expanded region of endemicity. <i>Zoonoses and Public Health</i> , 2012 , 59 Suppl 2, 43-7	2.9	71
257	Rescue of Hantaan virus minigenomes. <i>Virology</i> , 2003 , 306, 219-24	3.6	70
256	Marburg and Ebola hemorrhagic fevers: does the primary course of infection depend on the accessibility of organ-specific macrophages?. <i>Clinical Infectious Diseases</i> , 1998 , 27, 404-6	11.6	70
255	The broad-spectrum antiviral favipiravir protects guinea pigs from lethal Lassa virus infection post-disease onset. <i>Scientific Reports</i> , 2015 , 5, 14775	4.9	69
254	The Ebola virus ribonucleoprotein complex: a novel VP30-L interaction identified. <i>Virus Research</i> , 2009 , 140, 8-14	6.4	69
253	Ebola virus matrix protein VP40 uses the COPII transport system for its intracellular transport. <i>Cell Host and Microbe</i> , 2008 , 3, 168-77	23.4	69
252	Immunobiology of Ebola and Lassa virus infections. <i>Nature Reviews Immunology</i> , 2017 , 17, 195-207	36.5	68
251	A replicating cytomegalovirus-based vaccine encoding a single Ebola virus nucleoprotein CTL epitope confers protection against Ebola virus. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1275	4.8	68
250	The nucleotide sequence of the L gene of Marburg virus, a filovirus: homologies with paramyxoviruses and rhabdoviruses. <i>Virology</i> , 1992 , 187, 534-47	3.6	68
249	The vesicular stomatitis virus-based Ebola virus vaccine: From concept to clinical trials. <i>Human Vaccines and Immunotherapeutics</i> , 2018 , 14, 2107-2113	4.4	68
248	Single-cell RNA sequencing reveals SARS-CoV-2 infection dynamics in lungs of African green monkeys. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	68
247	Vesicular stomatitis virus-based vaccines protect nonhuman primates against Bundibugyo ebolavirus. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2600	4.8	67
246	Discovery of an antibody for pan-ebolavirus therapy. <i>Scientific Reports</i> , 2016 , 6, 20514	4.9	66
245	Emergency postexposure vaccination with vesicular stomatitis virus-vectored Ebola vaccine after needlestick. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1249-55	27.4	66

244	Replication-deficient ebolavirus as a vaccine candidate. <i>Journal of Virology</i> , 2009 , 83, 3810-5	6.6	66
243	RNA polymerase I-driven minigenome system for Ebola viruses. <i>Journal of Virology</i> , 2005 , 79, 4425-33	6.6	66
242	Ebola--a growing threat?. <i>New England Journal of Medicine</i> , 2014 , 371, 1375-8	59.2	65
241	Delayed Disease Progression in Cynomolgus Macaques Infected with Ebola Virus Makona Strain. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1777-83	10.2	64
240	Clinical aspects of Marburg hemorrhagic fever. <i>Future Virology</i> , 2011 , 6, 1091-1106	2.4	64
239	Stimulation of Ebola virus production from persistent infection through activation of the Ras/MAPK pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17982-7	11.5	64
238	In vitro and in vivo characterization of recombinant Ebola viruses expressing enhanced green fluorescent protein. <i>Journal of Infectious Diseases</i> , 2007 , 196 Suppl 2, S313-22	7	64
237	Gamma Irradiation as an Effective Method for Inactivation of Emerging Viral Pathogens. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019 , 100, 1275-1277	3.2	64
236	Current ebola vaccines. <i>Expert Opinion on Biological Therapy</i> , 2012 , 12, 859-72	5.4	63
235	Postexposure treatment of Marburg virus infection. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1119-22	10.2	63
234	Vaccines. An Ebola whole-virus vaccine is protective in nonhuman primates. <i>Science</i> , 2015 , 348, 439-42	33.3	61
233	Prospects for immunisation against Marburg and Ebola viruses. <i>Reviews in Medical Virology</i> , 2010 , 20, 344-57	11.7	61
232	Ebola virion attachment and entry into human macrophages profoundly effects early cellular gene expression. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1359	4.8	59
231	Vesicular stomatitis virus-based vaccine protects hamsters against lethal challenge with Andes virus. <i>Journal of Virology</i> , 2011 , 85, 12781-91	6.6	58
230	The Ebola virus glycoprotein and HIV-1 Vpu employ different strategies to counteract the antiviral factor tetherin. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S850-60	7	56
229	Laboratory diagnosis of Ebola and Marburg hemorrhagic fever. <i>Bulletin De La Societe De Pathologie Exotique</i> , 2005 , 98, 205-9	0.4	54
228	An upstream open reading frame modulates ebola virus polymerase translation and virus replication. <i>PLoS Pathogens</i> , 2013 , 9, e1003147	7.6	53
227	Pathogenesis and host response in Syrian hamsters following intranasal infection with Andes virus. <i>PLoS Pathogens</i> , 2011 , 7, e1002426	7.6	53

226	Effective Chemical Inactivation of Ebola Virus. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1292-4	10.2	53
225	Cathepsin B & L are not required for ebola virus replication. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1923	4.8	52
224	Interaction between TIM-1 and NPC1 Is Important for Cellular Entry of Ebola Virus. <i>Journal of Virology</i> , 2015 , 89, 6481-93	6.6	51
223	Chimeric human parainfluenza virus bearing the Ebola virus glycoprotein as the sole surface protein is immunogenic and highly protective against Ebola virus challenge. <i>Virology</i> , 2009 , 383, 348-61	3.6	51
222	Susceptibility of swine cells and domestic pigs to SARS-CoV-2. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2278-2288	18.9	51
221	Efficacy of antibody-based therapies against Middle East respiratory syndrome coronavirus (MERS-CoV) in common marmosets. <i>Antiviral Research</i> , 2017 , 143, 30-37	10.8	50
220	Recent advances in research on Crimean-Congo hemorrhagic fever. <i>Journal of Clinical Virology</i> , 2015 , 64, 137-43	14.5	50
219	Single-dose live-attenuated Nipah virus vaccines confer complete protection by eliciting antibodies directed against surface glycoproteins. <i>Vaccine</i> , 2014 , 32, 2637-44	4.1	50
218	An animal model for the tickborne flavivirus--Omsk hemorrhagic fever virus. <i>Journal of Infectious Diseases</i> , 2005 , 191, 100-8	7	50
217	Vesicular stomatitis virus-based vaccines against Lassa and Ebola viruses. <i>Emerging Infectious Diseases</i> , 2015 , 21, 305-7	10.2	50
216	Ebola. <i>New England Journal of Medicine</i> , 2020 , 382, 1832-1842	59.2	49
215	The Syrian hamster model of hantavirus pulmonary syndrome. <i>Antiviral Research</i> , 2012 , 95, 282-92	10.8	49
214	Rhabdovirus-based vaccine platforms against henipaviruses. <i>Journal of Virology</i> , 2015 , 89, 144-54	6.6	48
213	Durability of a vesicular stomatitis virus-based marburg virus vaccine in nonhuman primates. <i>PLoS ONE</i> , 2014 , 9, e94355	3.7	48
212	Ebola virus ecology: a continuing mystery. <i>Trends in Microbiology</i> , 2004 , 12, 433-7	12.4	48
211	Orally delivered MK-4482 inhibits SARS-CoV-2 replication in the Syrian hamster model. <i>Nature Communications</i> , 2021 , 12, 2295	17.4	48
210	Lack of protection against ebola virus from chloroquine in mice and hamsters. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1065-7	10.2	47
209	Cytomegalovirus-based vaccine expressing Ebola virus glycoprotein protects nonhuman primates from Ebola virus infection. <i>Scientific Reports</i> , 2016 , 6, 21674	4.9	47

208	Pathophysiology of hantavirus pulmonary syndrome in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7114-9	11.5	47
207	Use of Favipiravir to Treat Lassa Virus Infection in Macaques. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1696-1699	4.7	47
206	A VSV-based Zika virus vaccine protects mice from lethal challenge. <i>Scientific Reports</i> , 2018 , 8, 11043	4.9	46
205	Comparison of the pathogenicity of Nipah virus isolates from Bangladesh and Malaysia in the Syrian hamster. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2024	4.8	46
204	Antagonism of type I interferon responses by new world hantaviruses. <i>Journal of Virology</i> , 2010 , 84, 11780-11781	4.6	46
203	The use of a mobile laboratory unit in support of patient management and epidemiological surveillance during the 2005 Marburg Outbreak in Angola. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1183	4.8	46
202	Thoracic radiography as a refinement methodology for the study of H1N1 influenza in cynomologus macaques (<i>Macaca fascicularis</i>). <i>Comparative Medicine</i> , 2010 , 60, 389-95	1.6	46
201	A novel Ebola virus expressing luciferase allows for rapid and quantitative testing of antivirals. <i>Antiviral Research</i> , 2013 , 99, 207-13	10.8	45
200	In vitro and in vivo activity of ribavirin against Andes virus infection. <i>PLoS ONE</i> , 2011 , 6, e23560	3.7	45
199	Vaccines for viral hemorrhagic fevers--progress and shortcomings. <i>Current Opinion in Virology</i> , 2013 , 3, 343-51	7.5	44
198	Single immunization with a monovalent vesicular stomatitis virus-based vaccine protects nonhuman primates against heterologous challenge with Bundibugyo ebolavirus. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S1082-9	7	44
197	Antibody-dependent enhancement of Marburg virus infection. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S978-85	7	43
196	Nipah virus transmission in a hamster model. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1432	4.8	43
195	Protective efficacy of a bivalent recombinant vesicular stomatitis virus vaccine in the Syrian hamster model of lethal Ebola virus infection. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S1090-7	7	42
194	Efficacy of Vesicular Stomatitis Virus-Ebola Virus Postexposure Treatment in Rhesus Macaques Infected With Ebola Virus Makona. <i>Journal of Infectious Diseases</i> , 2016 , 214, S360-S366	7	42
193	Lymphopenia associated with highly virulent H5N1 virus infection due to plasmacytoid dendritic cell-mediated apoptosis of T cells. <i>Journal of Immunology</i> , 2014 , 192, 5906-12	5.3	41
192	Ebola vaccine trials: progress in vaccine safety and immunogenicity. <i>Expert Review of Vaccines</i> , 2019 , 18, 1229-1242	5.2	41
191	A cytomegalovirus-based vaccine provides long-lasting protection against lethal Ebola virus challenge after a single dose. <i>Vaccine</i> , 2015 , 33, 2261-2266	4.1	40

190	Filoviruses: Ecology, Molecular Biology, and Evolution. <i>Advances in Virus Research</i> , 2018 , 100, 189-221	10.7	40
189	Foodborne transmission of nipah virus in Syrian hamsters. <i>PLoS Pathogens</i> , 2014 , 10, e1004001	7.6	40
188	The adaptive immune response does not influence hantavirus disease or persistence in the Syrian hamster. <i>Immunology</i> , 2013 , 140, 168-78	7.8	40
187	Ebola virus RNA editing depends on the primary editing site sequence and an upstream secondary structure. <i>PLoS Pathogens</i> , 2013 , 9, e1003677	7.6	40
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24	Oseltamivir Is Effective against 1918 Influenza Virus Infection of Macaques but Vulnerable to Escape. <i>MBio</i> , 2019 , 10,	7.8	2
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