Jens H Kuhn

List of Publications by Citations

261 papers	13,136 citations	62 h-index	109 g-index
340 ext. papers	17,121 ext. citations	9.7 avg, IF	6.39 L-index

#	Paper	IF	Citations
261	Receptor and viral determinants of SARS-coronavirus adaptation to human ACE2. *EMBO Journal*, **2005**, 24, 1634-43	13	710
260	Distinct patterns of IFITM-mediated restriction of filoviruses, SARS coronavirus, and influenza A virus. *PLoS Pathogens*, **2011**, 7, e1001258	7.6	417
259	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2017). *Archives of Virology*, **2017**, 162, 2505-2538	2.6	398
258	Animal models for COVID-19. *Nature*, **2020**, 586, 509-515	50.4	377
257	Consensus statement: Virus taxonomy in the age of metagenomics. *Nature Reviews Microbiology*, **2017**, 15, 161-168	22.2	375
256	Proposal for a revised taxonomy of the family Filoviridae: classification, names of taxa and viruses, and virus abbreviations. *Archives of Virology*, **2010**, 155, 2083-103	2.6	343
255	Taxonomy of the order Mononegavirales: update 2016. *Archives of Virology*, **2016**, 161, 2351-60	2.6	324
254	Transferrin receptor 1 is a cellular receptor for New World haemorrhagic fever arenaviruses. *Nature* , **2007**, 446, 92-6	50.4	314
253	Molecular Evidence of Sexual Transmission of Ebola Virus. *New England Journal of Medicine*, **2015**, 373, 2448-54	59.2	302
252	Antiviral potential of ERK/MAPK and PI3K/AKT/mTOR signaling modulation for Middle East respiratory syndrome coronavirus infection as identified by temporal kinome analysis. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 1088-99	5.9	258
251	Virus genomes reveal factors that spread and sustained the Ebola epidemic. *Nature*, **2017**, 544, 309-315	50.4	238
250	Origins and Evolution of the Global RNA Virome. *MBio*, **2018**, 9,	7.8	219
249	Ebola Virus Epidemiology, Transmission, and Evolution during Seven Months in Sierra Leone. *Cell*, **2015**, 161, 1516-26	56.2	210
248	Animal origins of the severe acute respiratory syndrome coronavirus: insight from ACE2-S-protein interactions. *Journal of Virology*, **2006**, 80, 4211-9	6.6	206
247	Taxonomic assignment of uncultivated prokaryotic virus genomes is enabled by gene-sharing networks. *Nature Biotechnology*, **2019**, 37, 632-639	44.5	201
246	Retroviruses pseudotyped with the severe acute respiratory syndrome coronavirus spike protein efficiently infect cells expressing angiotensin-converting enzyme 2. *Journal of Virology*, **2004**, 78, 10628-35	6.6	197
245	Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2016). *Archives of Virology*, **2016**, 161, 2921-49	2.6	195

244	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2018). *Archives of Virology*, **2018**, 163, 2601-2631	2.6	187
243	Minimum Information about an Uncultivated Virus Genome (MIUViG). *Nature Biotechnology*, **2019**, 37, 29-37	44.5	180
242	Global Organization and Proposed Megataxonomy of the Virus World. *Microbiology and Molecular Biology Reviews*, **2020**, 84,	13.2	178
241	Changes to virus taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2019). *Archives of Virology*, **2019**, 164, 2417-2429	2.6	171
240	Reorganization and expansion of the nidoviral family Arteriviridae. *Archives of Virology*, **2016**, 161, 755-68	2.6	167
239	Angiotensin-converting enzyme 2: a functional receptor for SARS coronavirus. *Cellular and Molecular Life Sciences*, **2004**, 61, 2738-43	10.3	159
238	Taxonomy of the order Bunyavirales: update 2019. *Archives of Virology*, **2019**, 164, 1949-1965	2.6	148
237	Taxonomy of the order Mononegavirales: update 2017. *Archives of Virology*, **2017**, 162, 2493-2504	2.6	137
236	Taxonomy of the order Mononegavirales: update 2019. *Archives of Virology*, **2019**, 164, 1967-1980	2.6	133
235	Filoviruses. A compendium of 40 years of epidemiological, clinical, and laboratory studies. *Archives of Virology Supplementum*, **2008**, 20, 13-360		132
234	Ebola virus disease. *Nature Reviews Disease Primers*, **2020**, 6, 13	51.1	129
233	The primed ebolavirus glycoprotein (19-kilodalton GP1,2): sequence and residues critical for host cell binding. *Journal of Virology*, **2009**, 83, 2883-91	6.6	122
232	The S proteins of human coronavirus NL63 and severe acute respiratory syndrome coronavirus bind overlapping regions of ACE2. *Virology*, **2007**, 367, 367-74	3.6	119
231	Infectious Lassa virus, but not filoviruses, is restricted by BST-2/tetherin. *Journal of Virology*, **2010**, 84, 10569-80	6.6	114
230	Taxonomy of the order Mononegavirales: update 2018. *Archives of Virology*, **2018**, 163, 2283-2294	2.6	111
229	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. *Archives of Virology*, **2018**, 163, 2295-2310	2.6	108
228	Conserved receptor-binding domains of Lake Victoria marburgvirus and Zaire ebolavirus bind a common receptor. *Journal of Biological Chemistry*, **2006**, 281, 15951-8	5.4	104
227	Receptor determinants of zoonotic transmission of New World hemorrhagic fever arenaviruses. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 2664-9	11.5	99

226	SARS-CoV-2 Variants of Interest and Concern naming scheme conducive for global discourse. *Nature Microbiology*, **2021**, 6, 821-823	26.6	91
225	IFITM-2 and IFITM-3 but not IFITM-1 restrict Rift Valley fever virus. *Journal of Virology*, **2013**, 87, 8451-64	6.6	90
224	The new scope of virus taxonomy: partitioning the virosphere into 15 hierarchical ranks. *Nature Microbiology*, **2020**, 5, 668-674	26.6	87
223	Human polyclonal immunoglobulin G from transchromosomic bovines inhibits MERS-CoV in vivo. *Science Translational Medicine*, **2016**, 8, 326ra21	17.5	85
222	Minigenomes, transcription and replication competent virus-like particles and beyond: reverse genetics systems for filoviruses and other negative stranded hemorrhagic fever viruses. *Antiviral Research*, **2011**, 91, 195-208	10.8	84
221	Classify viruses - the gain is worth the pain. *Nature*, **2019**, 566, 318-320	50.4	78
220	Taxonomy of the order Bunyavirales: second update 2018. *Archives of Virology*, **2019**, 164, 927-941	2.6	76
219	Filovirus receptor NPC1 contributes to species-specific patterns of ebolavirus susceptibility in bats. *ELife*, **2015**, 4,	8.9	76
218	Discussions and decisions of the 2012–2014 International Committee on Taxonomy of Viruses (ICTV) Filoviridae Study Group, January 2012–June 2013. *Archives of Virology*, **2014**, 159, 821-30	2.6	72
217	Sulfated tyrosines contribute to the formation of the C5a docking site of the human C5a anaphylatoxin receptor. *Journal of Experimental Medicine*, **2001**, 193, 1059-66	16.6	72
216	Taxonomic reorganization of the family Bornaviridae. *Archives of Virology*, **2015**, 160, 621-32	2.6	71
215	Crimean-Congo hemorrhagic fever: current and future prospects of vaccines and therapies. *Antiviral Research*, **2011**, 90, 85-92	10.8	71
214	Neglected filoviruses. *FEMS Microbiology Reviews*, **2016**, 40, 494-519	15.1	70
213	Identification and pathological characterization of persistent asymptomatic Ebola virus infection in rhesus monkeys. *Nature Microbiology*, **2017**, 2, 17113	26.6	70
212	Nomenclature- and database-compatible names for the two Ebola virus variants that emerged in Guinea and the Democratic Republic of the Congo in 2014. *Viruses*, **2014**, 6, 4760-99	6.2	70
211	Stabilization of human immunodeficiency virus type 1 envelope glycoprotein trimers by disulfide bonds introduced into the gp41 glycoprotein ectodomain. *Journal of Virology*, **1998**, 72, 7620-5	6.6	69
210	Taxonomy of prokaryotic viruses: update from the ICTV bacterial and archaeal viruses subcommittee. *Archives of Virology*, **2016**, 161, 1095-9	2.6	67
209	Additional changes to taxonomy ratified in a special vote by the International Committee on Taxonomy of Viruses (October 2018). *Archives of Virology*, **2019**, 164, 943-946	2.6	66

208	Evolution and Spread of Ebola Virus in Liberia, 2014-2015. *Cell Host and Microbe*, **2015**, 18, 659-69	23.4	66
207	Monitoring of Ebola Virus Makona Evolution through Establishment of Advanced Genomic Capability in Liberia. *Emerging Infectious Diseases*, **2015**, 21, 1135-43	10.2	65
206	Taxonomy of prokaryotic viruses: 2017 update from the ICTV Bacterial and Archaeal Viruses Subcommittee. *Archives of Virology*, **2018**, 163, 1125-1129	2.6	62
205	Evaluation of perceived threat differences posed by filovirus variants. *Biosecurity and Bioterrorism*, **2011**, 9, 361-71		62
204	Genetic variability of Crimean-Congo haemorrhagic fever virus in Russia and Central Asia. *Journal of General Virology*, **2003**, 84, 1199-1206	4.9	61
203	Ebola virion attachment and entry into human macrophages profoundly effects early cellular gene expression. *PLoS Neglected Tropical Diseases*, **2011**, 5, e1359	4.8	59
202	Molecular detection of SARS-CoV-2 in formalin-fixed, paraffin-embedded specimens. *JCI Insight*, **2020**, 5,	9.9	58
201	The Soviet Biological Weapons Program **2012**,		58
200	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. *Journal of Virology*, **2018**, 92,	6.6	56
199	Analysis of Spounaviruses as a Case Study for the Overdue Reclassification of Tailed Phages. *Systematic Biology*, **2020**, 69, 110-123	8.4	56
198	Evaluation of the potential impact of Ebola virus genomic drift on the efficacy of sequence-based candidate therapeutics. *MBio*, **2015**, 6,	7.8	54
197	50 years of the International Committee on Taxonomy of Viruses: progress and prospects. *Archives of Virology*, **2017**, 162, 1441-1446	2.6	53
196	Reduced evolutionary rate in reemerged Ebola virus transmission chains. *Science Advances*, **2016**, 2, e1600378	14.3	53
195	A classification system for virophages and satellite viruses. *Archives of Virology*, **2016**, 161, 233-47	2.6	52
194	Emergence of Ebola Virus Escape Variants in Infected Nonhuman Primates Treated with the MB-003 Antibody Cocktail. *Cell Reports*, **2015**, 12, 2111-20	10.6	52
193	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. *Archives of Virology*, **2014**, 159, 1229-37	2.6	52
192	Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). *Archives of Virology*, **2021**, 166, 2633-2648	2.6	52
191	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. *Lancet, The*, **2017**, 390, 2662-2672	40	51

190	Dichorhavirus: a proposed new genus for Brevipalpus mite-transmitted, nuclear, bacilliform, bipartite, negative-strand RNA plant viruses. *Archives of Virology*, **2014**, 159, 607-19	2.6	51
189	Exceptional simian hemorrhagic fever virus diversity in a wild African primate community. *Journal of Virology*, **2013**, 87, 688-91	6.6	51
188	Taxonomy of the order Mononegavirales: second update 2018. *Archives of Virology*, **2019**, 164, 1233-1244	2.6	50
187	Cell entry by a novel European filovirus requires host endosomal cysteine proteases and Niemann-Pick C1. *Virology*, **2014**, 468-470, 637-646	3.6	50
186	: a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. *Journal of Virology*, **2020**, 94,	6.6	47
185	Marburg virus disease. *Postgraduate Medical Journal*, **1973**, 49, 542-6	2	46
184	Inhibition of Ebola virus entry by a C-peptide targeted to endosomes. *Journal of Biological Chemistry*, **2011**, 286, 15854-61	5.4	45
183	Filovirus RefSeq entries: evaluation and selection of filovirus type variants, type sequences, and names. *Viruses*, **2014**, 6, 3663-82	6.2	44
182	Ebola virus disease candidate vaccines under evaluation in clinical trials. *Expert Review of Vaccines*, **2016**, 15, 1101-12	5.2	43
181	Crimean-Congo hemorrhagic fever virus utilizes a clathrin- and early endosome-dependent entry pathway. *Virology*, **2013**, 444, 45-54	3.6	42
180	: Current Classification and Future Perspectives. *Viruses*, **2019**, 11,	6.2	39
179	New filovirus disease classification and nomenclature. *Nature Reviews Microbiology*, **2019**, 17, 261-263	22.2	38
178	Taxonomy of prokaryotic viruses: 2016 update from the ICTV bacterial and archaeal viruses subcommittee. *Archives of Virology*, **2017**, 162, 1153-1157	2.6	38
177	Ebolavirus delta-peptide immunoadhesins inhibit marburgvirus and ebolavirus cell entry. *Journal of Virology*, **2011**, 85, 8502-13	6.6	38
176	Genomic Characterization of the Genus Nairovirus (Family Bunyaviridae). *Viruses*, **2016**, 8,	6.2	38
175	Ebola virus genome plasticity as a marker of its passaging history: a comparison of in vitro passaging to non-human primate infection. *PLoS ONE*, **2012**, 7, e50316	3.7	37
174	Medical countermeasures during the 2018 Ebola virus disease outbreak in the North Kivu and Ituri Provinces of the Democratic Republic of the Congo: a rapid genomic assessment. *Lancet Infectious Diseases, The*, **2019**, 19, 648-657	25.5	36
173	Spumaretroviruses: Updated taxonomy and nomenclature. *Virology*, **2018**, 516, 158-164	3.6	35

172	Zoonotic Potential of Simian Arteriviruses. *Journal of Virology*, **2016**, 90, 630-5	6.6	35
171	ICTV Virus Taxonomy Profile: Filoviridae. *Journal of General Virology*, **2019**, 100, 911-912	4.9	34
170	Persistent Marburg Virus Infection in the Testes of Nonhuman Primate Survivors. *Cell Host and Microbe*, **2018**, 24, 405-416.e3	23.4	34
169	Clarification and guidance on the proper usage of virus and virus species names. *Archives of Virology* , **2010**, 155, 445-53	2.6	31
168	ICTV Virus Taxonomy Profile: Arenaviridae. *Journal of General Virology*, **2019**, 100, 1200-1201	4.9	31
167	Characteristic and quantifiable COVID-19-like abnormalities in CT- and PET/CT-imaged lungs of SARS-CoV-2-infected crab-eating macaques () **2020**,		31
166	Simian hemorrhagic fever virus cell entry is dependent on CD163 and uses a clathrin-mediated endocytosis-like pathway. *Journal of Virology*, **2015**, 89, 844-56	6.6	30
165	Use of Unamplified RNA/cDNA-Hybrid Nanopore Sequencing for Rapid Detection and Characterization of RNA Viruses. *Emerging Infectious Diseases*, **2016**, 22, 1448-51	10.2	30
164	High genetic diversity and adaptive potential of two simian hemorrhagic fever viruses in a wild primate population. *PLoS ONE*, **2014**, 9, e90714	3.7	29
163	Genetic and Phylogenetic Characterization of Tataguine and Witwatersrand Viruses and Other Orthobunyaviruses of the Anopheles A, Capim, Guam□Koongol, Mapputta, Tete, and Turlock Serogroups. *Viruses*, **2015**, 7, 5987-6008	6.2	28
162	Machupo virus glycoprotein determinants for human transferrin receptor 1 binding and cell entry. *PLoS ONE*, **2011**, 6, e21398	3.7	28
161	Ebola Virus VP40 Modulates Cell Cycle and Biogenesis of Extracellular Vesicles. *Journal of Infectious Diseases*, **2018**, 218, S365-S387	7	28
160	CD26/DPP4 cell-surface expression in bat cells correlates with bat cell susceptibility to Middle East respiratory syndrome coronavirus (MERS-CoV) infection and evolution of persistent infection. *PLoS ONE*, **2014**, 9, e112060	3.7	27
159	Binomial nomenclature for virus species: a consultation. *Archives of Virology*, **2020**, 165, 519-525	2.6	27
158	Relatives of rubella virus in diverse mammals. *Nature*, **2020**, 586, 424-428	50.4	27
157	Nyamiviridae: proposal for a new family in the order Mononegavirales. *Archives of Virology*, **2013**, 158, 2209-26	2.6	25
156	A proposal to change existing virus species names to non-Latinized binomials. *Archives of Virology*, **2010**, 155, 1909-19	2.6	24
155	Recent successes in therapeutics for Ebola virus disease: no time for complacency. *Lancet Infectious Diseases, The*, **2020**, 20, e231-e237	25.5	24

154	The ReFRAME library as a comprehensive drug repurposing library to identify mammarenavirus inhibitors. *Antiviral Research*, **2019**, 169, 104558	10.8	23
153	Two novel simian arteriviruses in captive and wild baboons (Papio spp.). *Journal of Virology*, **2014**, 88, 13231-9	6.6	23
152	Middle East respiratory syndrome: obstacles and prospects for vaccine development. *Expert Review of Vaccines*, **2015**, 14, 949-62	5.2	22
151	Influenza A virus polymerase is a site for adaptive changes during experimental evolution in bat cells. *Journal of Virology*, **2014**, 88, 12572-85	6.6	22
150	Kanyawara Virus: A Novel Rhabdovirus Infecting Newly Discovered Nycteribiid Bat Flies Infesting Previously Unknown Pteropodid Bats in Uganda. *Scientific Reports*, **2017**, 7, 5287	4.9	22
149	Interactome analysis of the lymphocytic choriomeningitis virus nucleoprotein in infected cells reveals ATPase Na+/K+ transporting subunit Alpha 1 and prohibitin as host-cell factors involved in the life cycle of mammarenaviruses. *PLoS Pathogens*, **2018**, 14, e1006892	7.6	22
148	Comparison of N- and O-linked glycosylation patterns of ebolavirus glycoproteins. *Virology*, **2017**, 502, 39-47	3.6	21
147	Guide to the Correct Use of Filoviral Nomenclature. *Current Topics in Microbiology and Immunology*, **2017**, 411, 447-460	3.3	21
146	siRNA Screen Identifies Trafficking Host Factors that Modulate Alphavirus Infection. *PLoS Pathogens*, **2016**, 12, e1005466	7.6	21
145	Recombinant Lassa Virus Expressing Green Fluorescent Protein as a Tool for High-Throughput Drug Screens and Neutralizing Antibody Assays. *Viruses*, **2018**, 10,	6.2	21
144	A novel negative-stranded RNA virus mediates sex ratio in its parasitoid host. *PLoS Pathogens*, **2017** , 13, e1006201	7.6	20
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142	Arteriviruses, Pegiviruses, and Lentiviruses Are Common among Wild African Monkeys. *Journal of Virology*, **2016**, 90, 6724-6737	6.6	19
141	A Lassa Fever Live-Attenuated Vaccine Based on Codon Deoptimization of the Viral Glycoprotein Gene. *MBio*, **2020**, 11,	7.8	18
140	Comparison of SYBR green I real-time RT-PCR with conventional agarose gel-based RT-PCR for the diagnosis of infectious bronchitis virus infection in chickens in Morocco. *BMC Research Notes*, **2016**, 9, 231	2.3	18
139	Reidentification of Ebola Virus E718 and ME as Ebola Virus/H.sapiens-tc/COD/1976/Yambuku-Ecran. *Genome Announcements*, **2014**, 2,		18
138	Genetic analysis of the M RNA segment of Crimean-Congo hemorrhagic fever virus strains involved in the recent outbreaks in Russia. *Archives of Virology*, **2004**, 149, 2199-213	2.6	18
137	2018 Ebola virus disease outbreak in Équateur Province, Democratic Republic of the Congo: a retrospective genomic characterisation. *Lancet Infectious Diseases, The*, **2019**, 19, 641-647	25.5	17

136	"Super-Spreaders" and Person-to-Person Transmission of Andes Virus in Argentina. *New England Journal of Medicine*, **2020**, 383, 2230-2241	59.2	17
135	Drug discovery technologies and strategies for Machupo virus and other New World arenaviruses. *Expert Opinion on Drug Discovery*, **2012**, 7, 613-32	6.2	16
134	Historical Outbreaks of Simian Hemorrhagic Fever in Captive Macaques Were Caused by Distinct Arteriviruses. *Journal of Virology*, **2015**, 89, 8082-7	6.6	15
133	Histology, immunohistochemistry, and in situ hybridization reveal overlooked Ebola virus target tissues in the Ebola virus disease guinea pig model. *Scientific Reports*, **2018**, 8, 1250	4.9	15
132	A small stem-loop structure of the Ebola virus trailer is essential for replication and interacts with heat-shock protein A8. *Nucleic Acids Research*, **2016**, 44, 9831-9846	20.1	15
131	Implementation of Objective PASC-Derived Taxon Demarcation Criteria for Official Classification of Filoviruses. *Viruses*, **2017**, 9,	6.2	15
130	The NIAID Integrated Research Facility at Frederick, Maryland: a unique international resource to facilitate medical countermeasure development for BSL-4 pathogens. *Pathogens and Disease*, **2014**, 71, 213-9	4.2	15
129	Ebola virus persistence as a new focus in clinical research. *Current Opinion in Virology*, **2017**, 23, 43-48	7.5	14
128	Induction of ebolavirus cross-species immunity using retrovirus-like particles bearing the Ebola virus glycoprotein lacking the mucin-like domain. *Virology Journal*, **2012**, 9, 32	6.1	14
127	ICTV Virus Taxonomy Profile:. *Journal of General Virology*, **2020**, 101, 798-799	4.9	13
126	Viral genomics in Ebola virus research. *Nature Reviews Microbiology*, **2020**, 18, 365-378	22.2	12
125	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. *Systematic Biology*, **2017**, 66, 463-473	8.4	12
124	Safety Precautions and Operating Procedures in an (A)BSL-4 Laboratory: 1. Biosafety Level 4 Suit Laboratory Suite Entry and Exit Procedures. *Journal of Visualized Experiments*, **2016**,	1.6	12
123	Severe Acute Respiratory Syndrome Coronavirus Entry as a Target of Antiviral Therapies. *Antiviral Therapy*, **2007**, 12, 639-650	1.6	12
122	Phylogenetic analysis of avian infectious bronchitis virus S1 glycoprotein regions reveals emergence of a new genotype in Moroccan broiler chicken flocks. *Virology Journal*, **2015**, 12, 116	6.1	11
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119	The SARS Coronavirus receptor ACE 2 A potential target for antiviral therapy **2006**, 397-418		11

118	Essentials of filoviral load quantification. *Lancet Infectious Diseases, The*, **2016**, 16, e134-e138	25.5	10
117	Persistence of Lassa Virus Associated With Severe Systemic Arteritis in Convalescing Guinea Pigs (Cavia porcellus). *Journal of Infectious Diseases*, **2019**, 219, 1818-1822	7	10
116	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. *Archives of Virology*, **2021**, 166, 3513-3566	2.6	10
115	Reply to Holmes and Duchêne, "Can Sequence Phylogenies Safely Infer the Origin of the Global Virome?": Deep Phylogenetic Analysis of RNA Viruses Is Highly Challenging but Not Meaningless. *MBio*, **2019**, 10,	7.8	9
114	A Lassa Virus Live-Attenuated Vaccine Candidate Based on Rearrangement of the Intergenic Region. *MBio*, **2020**, 11,	7.8	9
113	ABSL-4 aerobiology biosafety and technology at the NIH/NIAID integrated research facility at Fort Detrick. *Viruses*, **2014**, 6, 137-50	6.2	9
112	Informing the Historical Record of Experimental Nonhuman Primate Infections with Ebola Virus: Genomic Characterization of USAMRIID Ebola Virus/H.sapiens-tc/COD/1995/Kikwit-9510621 Challenge Stock "R4368" and Its Replacement "R4415". *PLoS ONE*, **2016**, 11, e0150919	3.7	9
111	Gene sharing networks to automate genome-based prokaryotic viral taxonomy		9
110	: a New Realm for Archaeal Filamentous Viruses with Linear A-Form Double-Stranded DNA Genomes. *Journal of Virology*, **2021**, 95, e0067321	6.6	9
109	Divergent Simian Arteriviruses Cause Simian Hemorrhagic Fever of Differing Severities in Macaques. *MBio*, **2016**, 7, e02009-15	7.8	9
108	Cryptic and abundant marine viruses at the evolutionary origins of Earth's RNA virome.. *Science*, **2022**, 376, 156-162	33.3	9
107	Asymptomatic Ebola virus infections-myth or reality?. *Lancet Infectious Diseases, The*, **2017**, 17, 570-571	25.5	8
106	Programmed -2/-1 Ribosomal Frameshifting in Simarteriviruses: an Evolutionarily Conserved Mechanism. *Journal of Virology*, **2019**, 93,	6.6	8
105	PCR-based assay to detect sheeppox virus in ocular, nasal, and rectal swabs from infected Moroccan sheep. *Journal of Virological Methods*, **2014**, 204, 38-43	2.6	8
104	Genome Sequences of Simian Hemorrhagic Fever Virus Variant NIH LVR42-0/M6941 Isolates (Arteriviridae: Arterivirus). *Genome Announcements*, **2014**, 2,		8
103	An Emerging Biothreat: Crimean-Congo Hemorrhagic Fever Virus in Southern and Western Asia. *American Journal of Tropical Medicine and Hygiene*, **2019**, 100, 16-23	3.2	8
102	Analysis of Spounaviruses as a Case Study for the Overdue Reclassification of Tailed Bacteriophages		8
101	Scalable, semi-automated fluorescence reduction neutralization assay for qualitative assessment of Ebola virus-neutralizing antibodies in human clinical samples. *PLoS ONE*, **2019**, 14, e0221407	3.7	8

100	EPS8 Facilitates Uncoating of Influenza A Virus. *Cell Reports*, **2019**, 29, 2175-2183.e4	10.6	8
99	Severe acute respiratory syndrome coronavirus entry as a target of antiviral therapies. *Antiviral Therapy*, **2007**, 12, 639-50	1.6	8
98	A novel sheet-like virus particle array is a hallmark of Zika virus infection. *Emerging Microbes and Infections*, **2018**, 7, 69	18.9	7
97	Viruses Defined by the Position of the Virosphere within the Replicator Space. *Microbiology and Molecular Biology Reviews*, **2021**, e0019320	13.2	7
96	Asymmetric and non-stoichiometric glycoprotein recognition by two distinct antibodies results in broad protection against ebolaviruses.. *Cell*, **2022**, 185, 995-1007.e18	56.2	7
95	Generation and characterization of large-particle aerosols using a center flow tangential aerosol generator with a non-human-primate, head-only aerosol chamber. *Inhalation Toxicology*, **2015**, 27, 247-53	2.7	6
94	Diversity, Transmission, and Cophylogeny of Ledanteviruses (:) and Nycteribiid Bat Flies Parasitizing Angolan Soft-Furred Fruit Bats in Bundibugyo District, Uganda. *Microorganisms*, **2020**, 8,	4.9	6
93	A Forgotten Episode of Marburg Virus Disease: Belgrade, Yugoslavia, 1967. *Microbiology and Molecular Biology Reviews*, **2020**, 84,	13.2	6
92	Complete Genome Coding Sequences of Artashat, Burana, Caspiy, Chim, Geran, Tamdy, and Uzun-Agach Viruses (: :). *Genome Announcements*, **2017**, 5,		6
91	Safety Precautions and Operating Procedures in an (A)BSL-4 Laboratory: 2. General Practices. *Journal of Visualized Experiments*, **2016**,	1.6	6
90	Human, Nonhuman Primate, and Bat Cells Are Broadly Susceptible to Tibrovirus Particle Cell Entry. *Frontiers in Microbiology*, **2019**, 10, 856	5.7	6
89	Reverse Genetics of Filoviruses. *Current Topics in Microbiology and Immunology*, **2017**, 411, 421-445	3.3	6
88	Production and Purification of Filovirus Glycoproteins in Insect and Mammalian Cell Lines. *Scientific Reports*, **2017**, 7, 15091	4.9	6
87	- Vascular Endothelium and Hemorrhagic Fever Viruses **2016**, 64-83		6
86	Novel Filoviruses, Hantavirus, and Rhabdovirus in Freshwater Fish, Switzerland, 2017. *Emerging Infectious Diseases*, **2021**, 27, 3082-3091	10.2	6
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