Stephan Gnther

List of Publications by Citations

206 papers	16,498 citations	63 h-index	124 g-index
218 ext. papers	19,550 ext. citations	10.7 avg, IF	5.97 L-index

#	Paper	IF	Citations
206	Identification of a novel coronavirus in patients with severe acute respiratory syndrome. *New England Journal of Medicine*, **2003**, 348, 1967-76	59.2	3237
205	Emergence of Zaire Ebola virus disease in Guinea. *New England Journal of Medicine*, **2014**, 371, 1418-25	59.2	964
204	Real-time, portable genome sequencing for Ebola surveillance. *Nature*, **2016**, 530, 228-232	50.4	845
203	Efficacy and effectiveness of an rVSV-vectored vaccine expressing Ebola surface glycoprotein: interim results from the Guinea ring vaccination cluster-randomised trial. *Lancet, The*, **2015**, 386, 857-66	40	590
202	Efficacy and effectiveness of an rVSV-vectored vaccine in preventing Ebola virus disease: final results from the Guinea ring vaccination, open-label, cluster-randomised trial (Ebola Ça Suffit!). *Lancet, The*, **2017**, 389, 505-518	40	575
201	Rapid detection and quantification of RNA of Ebola and Marburg viruses, Lassa virus, Crimean-Congo hemorrhagic fever virus, Rift Valley fever virus, dengue virus, and yellow fever virus by real-time reverse transcription-PCR. *Journal of Clinical Microbiology*, **2002**, 40, 2323-30	9.7	445
200	A novel method for efficient amplification of whole hepatitis B virus genomes permits rapid functional analysis and reveals deletion mutants in immunosuppressed patients. *Journal of Virology* , **1995**, 69, 5437-44	6.6	402
199	Successful treatment of advanced Ebola virus infection with T-705 (favipiravir) in a small animal model. *Antiviral Research*, **2014**, 105, 17-21	10.8	345
198	Experimental Treatment with Favipiravir for Ebola Virus Disease (the JIKI Trial): A Historically Controlled, Single-Arm Proof-of-Concept Trial in Guinea. *PLoS Medicine*, **2016**, 13, e1001967	11.6	299
197	Virus genomes reveal factors that spread and sustained the Ebola epidemic. *Nature*, **2017**, 544, 309-315	50.4	238
196	A case of severe Ebola virus infection complicated by gram-negative septicemia. *New England Journal of Medicine*, **2014**, 371, 2394-401	59.2	224
195	Naturally occurring variants of hepatitis B virus. *Advances in Virus Research*, **1999**, 52, 25-137	10.7	184
194	Clinical Sequencing Uncovers Origins and Evolution of Lassa Virus. *Cell*, **2015**, 162, 738-50	56.2	176
193	Ebola virus disease. *Lancet, The*, **2019**, 393, 936-948	40	164
192	Cinanserin is an inhibitor of the 3C-like proteinase of severe acute respiratory syndrome coronavirus and strongly reduces virus replication in vitro. *Journal of Virology*, **2005**, 79, 7095-103	6.6	156
191	Imported lassa fever in Germany: molecular characterization of a new lassa virus strain. *Emerging Infectious Diseases*, **2000**, 6, 466-76	10.2	151
190	Taxonomy of the order Bunyavirales: update 2019. *Archives of Virology*, **2019**, 164, 1949-1965	2.6	148

189	Lassa virus. *Critical Reviews in Clinical Laboratory Sciences*, **2004**, 41, 339-90	9.4	147
188	Zika virus infections imported to Italy: clinical, immunological and virological findings, and public health implications. *Journal of Clinical Virology*, **2015**, 63, 32-5	14.5	141
187	Mastomys natalensis and Lassa fever, West Africa. *Emerging Infectious Diseases*, **2006**, 12, 1971-4	10.2	137
186	Resurgence of Ebola Virus Disease in Guinea Linked to a Survivor With Virus Persistence in Seminal Fluid for More Than 500 Days. *Clinical Infectious Diseases*, **2016**, 63, 1353-1356	11.6	134
185	Metagenomic sequencing at the epicenter of the Nigeria 2018 Lassa fever outbreak. *Science*, **2019**, 363, 74-77	33.3	130
184	Unique human immune signature of Ebola virus disease in Guinea. *Nature*, **2016**, 533, 100-4	50.4	125
183	The N-terminal domain of the arenavirus L protein is an RNA endonuclease essential in mRNA transcription. *PLoS Pathogens*, **2010**, 6, e1001038	7.6	121
182	Molecular diagnostics of viral hemorrhagic fevers. *Antiviral Research*, **2003**, 57, 61-87	10.8	119
181	Imported Lassa fever in Germany: surveillance and management of contact persons. *Clinical Infectious Diseases*, **2003**, 36, 1254-8	11.6	118
180	Reactivation of hepatitis B virus replication accompanied by acute hepatitis in patients receiving highly active antiretroviral therapy. *Clinical Infectious Diseases*, **2001**, 32, 144-8	11.6	116
179	Evaluation of antiviral efficacy of ribavirin, arbidol, and T-705 (favipiravir) in a mouse model for Crimean-Congo hemorrhagic fever. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2804	4.8	112
178	Management of accidental exposure to Ebola virus in the biosafety level 4 laboratory, Hamburg, Germany. *Journal of Infectious Diseases*, **2011**, 204 Suppl 3, S785-90	7	109
177	Type, prevalence, and significance of core promoter/enhancer II mutations in hepatitis B viruses from immunosuppressed patients with severe liver disease. *Journal of Virology*, **1996**, 70, 8318-31	6.6	106
176	Monitoring of clinical and laboratory data in two cases of imported Lassa fever. *Microbes and Infection*, **2002**, 4, 43-50	9.3	105
175	Replicon system for Lassa virus. *Journal of Virology*, **2004**, 78, 13793-803	6.6	104
174	Heterogeneity and common features of defective hepatitis B virus genomes derived from spliced pregenomic RNA. *Virology*, **1997**, 238, 363-71	3.6	100
173	Cytokine kinetics of Zika virus-infected patients from acute to reconvalescent phase. *Medical Microbiology and Immunology*, **2016**, 205, 269-73	4	99
172	Molecular diagnostics for lassa fever at Irrua specialist teaching hospital, Nigeria: lessons learnt from two years of laboratory operation. *PLoS Neglected Tropical Diseases*, **2012**, 6, e1839	4.8	97

171	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. *Science*, **2021**, 372, 642-646	33.3	95
170	RT-PCR assay for detection of Lassa virus and related Old World arenaviruses targeting the L gene. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2007**, 101, 1253-64	2	91
169	Rapid outbreak sequencing of Ebola virus in Sierra Leone identifies transmission chains linked to sporadic cases. *Virus Evolution*, **2016**, 2, vew016	3.7	89
168	New Hosts of The Lassa Virus. *Scientific Reports*, **2016**, 6, 25280	4.9	89
167	Wild-type levels of pregenomic RNA and replication but reduced pre-C RNA and e-antigen synthesis of hepatitis B virus with C(1653) --> T, A(1762) --> T and G(1764) --> A mutations in the core promoter. *Journal of General Virology*, **1998**, 79 (Pt 2), 375-80	4.9	88
166	Sequence analysis of L RNA of Lassa virus. *Virology*, **2004**, 318, 153-68	3.6	85
165	Frequent and rapid emergence of mutated pre-C sequences in HBV from e-antigen positive carriers who seroconvert to anti-HBe during interferon treatment. *Virology*, **1992**, 187, 271-9	3.6	84
164	Transcriptomic signatures differentiate survival from fatal outcomes in humans infected with Ebola virus. *Genome Biology*, **2017**, 18, 4	18.3	81
163	Functional analysis of hepatitis B virus reactivating in hepatitis B surface antigen-negative individuals. *Hepatology*, **2005**, 42, 93-103	11.2	80
162	A40 Estimation of Lassa virus emergence in Upper Guinea through a time-calibrated phylogeny. *Virus Evolution*, **2019**, 5,	3.7	78
161	Hepatitis B virus genomes of patients with fulminant hepatitis do not share a specific mutation. *Hepatology*, **1996**, 24, 300-6	11.2	77
160	Antiviral efficacy of favipiravir against Ebola virus: A translational study in cynomolgus macaques. *PLoS Medicine*, **2018**, 15, e1002535	11.6	77
159	Taxonomy of the order Bunyavirales: second update 2018. *Archives of Virology*, **2019**, 164, 927-941	2.6	76
158	Persistence and clearance of Ebola virus RNA from seminal fluid of Ebola virus disease survivors: a longitudinal analysis and modelling study. *The Lancet Global Health*, **2017**, 5, e80-e88	13.6	75
157	Inhibition of different Lassa virus strains by alpha and gamma interferons and comparison with a less pathogenic arenavirus. *Journal of Virology*, **2004**, 78, 3162-9	6.6	74
156	Amplification of full-length hepatitis B virus genomes from samples from patients with low levels of viremia: frequency and functional consequences of PCR-introduced mutations. *Journal of Clinical Microbiology*, **1998**, 36, 531-8	9.7	74
155	Efficacy of Favipiravir Alone and in Combination With Ribavirin in a Lethal, Immunocompetent Mouse Model of Lassa Fever. *Journal of Infectious Diseases*, **2016**, 213, 934-8	7	73
154	Improved detection of Lassa virus by reverse transcription-PCR targeting the 5Pregion of S RNA. *Journal of Clinical Microbiology*, **2010**, 48, 2009-13	9.7	73

153	Naturally occurring hepatitis B virus genomes bearing the hallmarks of retroviral G-->A hypermutation. *Virology*, **1997**, 235, 104-8	3.6	72
152	T cell-dependence of Lassa fever pathogenesis. *PLoS Pathogens*, **2010**, 6, e1000836	7.6	71
151	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
150	Lassa fever encephalopathy: Lassa virus in cerebrospinal fluid but not in serum. *Journal of Infectious Diseases*, **2001**, 184, 345-9	7	70
149	Complex HBV populations with mutations in core promoter, C gene, and pre-S region are associated with development of cirrhosis in long-term renal transplant recipients. *Hepatology*, **2002** , 35, 466-77	11.2	69
148	Sequence and phylogenetic analysis of hepatitis B virus genotype G isolated in Germany. *Virus Genes*, **2002**, 24, 153-6	2.3	66
147	Clinical and laboratory predictors of Lassa fever outcome in a dedicated treatment facility in Nigeria: a retrospective, observational cohort study. *Lancet Infectious Diseases, The*, **2018**, 18, 684-695	25.5	64
146	Novel arenavirus sequences in Hylomyscus sp. and Mus (Nannomys) setulosus from Côte d'Ivoire: implications for evolution of arenaviruses in Africa. *PLoS ONE*, **2011**, 6, e20893	3.7	64
145	Ebola Virus Persistence in Breast Milk After No Reported Illness: A Likely Source of Virus Transmission From Mother to Child. *Clinical Infectious Diseases*, **2017**, 64, 513-516	11.6	63
144	Current molecular epidemiology of Lassa virus in Nigeria. *Journal of Clinical Microbiology*, **2011**, 49, 1157-61	3.7	58
143	Diagnostic reverse-transcription polymerase chain reaction kit for filoviruses based on the strain collections of all European biosafety level 4 laboratories. *Journal of Infectious Diseases*, **2007**, 196 Suppl 2, S199-204	7	56
142	Comparative Structural and Functional Analysis of Bunyavirus and Arenavirus Cap-Snatching Endonucleases. *PLoS Pathogens*, **2016**, 12, e1005636	7.6	55
141	Containing a Lassa fever epidemic in a resource-limited setting: outbreak description and lessons learned from Abakaliki, Nigeria (January-March 2012). *International Journal of Infectious Diseases*, **2013**, 17, e1011-6	10.5	53
140	Hepatitis B virus sequence changes evolving in liver transplant recipients with fulminant hepatitis. *Journal of Hepatology*, **1997**, 26, 754-64	13.4	53
139	Detection of Usutu virus infection in a healthy blood donor from south-west Germany, 2012. *Eurosurveillance*, **2012**, 17,	19.8	53
138	Ribavirin for the treatment of Lassa fever: A systematic review and meta-analysis. *International Journal of Infectious Diseases*, **2019**, 87, 15-20	10.5	51
137	New Lineage of Lassa Virus, Togo, 2016. *Emerging Infectious Diseases*, **2018**, 24, 599-602	10.2	51
136	Health care response to CCHF in US soldier and nosocomial transmission to health care providers, Germany, 2009. *Emerging Infectious Diseases*, **2015**, 21, 23-31	10.2	48

135	Dilemmas in Managing Pregnant Women With Ebola: 2 Case Reports. *Clinical Infectious Diseases*, **2016**, 62, 903-905	11.6	48
134	Depletion of GTP pool is not the predominant mechanism by which ribavirin exerts its antiviral effect on Lassa virus. *Antiviral Research*, **2011**, 91, 89-93	10.8	48
133	Ebola virus dynamics in mice treated with favipiravir. *Antiviral Research*, **2015**, 123, 70-7	10.8	47
132	An N-terminal region of Lassa virus L protein plays a critical role in transcription but not replication of the virus genome. *Journal of Virology*, **2010**, 84, 1934-44	6.6	47
131	Mopeia virus-related arenavirus in natal multimammate mice, Morogoro, Tanzania. *Emerging Infectious Diseases*, **2009**, 15, 2008-12	10.2	47
130	Application of real-time PCR for testing antiviral compounds against Lassa virus, SARS coronavirus and Ebola virus in vitro. *Antiviral Research*, **2004**, 63, 209-15	10.8	47
129	Accumulation and persistence of hepatitis B virus core gene deletion mutants in renal transplant patients are associated with end-stage liver disease. *Hepatology*, **1996**, 24, 751-8	11.2	46
128	Functional analysis of HBV genomes from patients with fulminant hepatitis. *Hepatology*, **1998**, 28, 1390-7	11.2	45
127	Hepatitis B virus variants with core gene deletions in the evolution of chronic hepatitis B infection. *Gastroenterology*, **1996**, 111, 183-92	13.3	43
126	Structure of the Lassa virus nucleoprotein revealed by X-ray crystallography, small-angle X-ray scattering, and electron microscopy. *Journal of Biological Chemistry*, **2011**, 286, 38748-38756	5.4	40
125	Mutational analysis of the lassa virus promoter. *Journal of Virology*, **2006**, 80, 12414-9	6.6	40
124	First international quality assurance study on the rapid detection of viral agents of bioterrorism. *Journal of Clinical Microbiology*, **2004**, 42, 1753-5	9.7	39
123	Viral metagenomics, genetic and evolutionary characteristics of Crimean-Congo hemorrhagic fever orthonairovirus in humans, Kosovo. *Infection, Genetics and Evolution*, **2018**, 65, 6-11	4.5	38
122	Genetic variation in HBV infection: genotypes and mutants. *Journal of Clinical Virology*, **2006**, 36 Suppl 1, S3-S11	14.5	38
121	High diversity of RNA viruses in rodents, Ethiopia. *Emerging Infectious Diseases*, **2012**, 18, 2047-50	10.2	36
120	Mutational evidence for a structural model of the Lassa virus RNA polymerase domain and identification of two residues, Gly1394 and Asp1395, that are critical for transcription but not replication of the genome. *Journal of Virology*, **2008**, 82, 10207-17	6.6	36
119	Functional analysis of complex hepatitis B virus variants associated with development of liver cirrhosis. *Gastroenterology*, **2006**, 131, 765-80	13.3	36
118	Neonatal fulminant hepatitis B: structural and functional analysis of complete hepatitis B virus genomes from mother and infant. *Journal of Infectious Diseases*, **1998**, 177, 1378-81	7	36

117	Interferon □1a for the treatment of Ebola virus disease: A historically controlled, single-arm proof-of-concept trial. *PLoS ONE*, **2017**, 12, e0169255	3.7	36
116	Infection of type I interferon receptor-deficient mice with various old world arenaviruses: a model for studying virulence and host species barriers. *PLoS ONE*, **2013**, 8, e72290	3.7	35
115	Presence of Mopeia virus, an African arenavirus, related to biotope and individual rodent host characteristics: implications for virus transmission. *Vector-Borne and Zoonotic Diseases*, **2011**, 11, 1125-31	2.4	34
114	Lassa serology in natural populations of rodents and horizontal transmission. *Vector-Borne and Zoonotic Diseases*, **2014**, 14, 665-74	2.4	33
113	Complete sequence and phylogenetic characterisation of Crimean-Congo hemorrhagic fever virus from Afghanistan. *Journal of Clinical Virology*, **2011**, 50, 90-2	14.5	33
112	Analysis of hepatitis B virus populations in an interferon-alpha-treated patient reveals predominant mutations in the C-gene and changing e-antigenicity. *Virology*, **1998**, 244, 146-60	3.6	33
111	Chimeric Mice with Competent Hematopoietic Immunity Reproduce Key Features of Severe Lassa Fever. *PLoS Pathogens*, **2016**, 12, e1005656	7.6	32
110	ICTV Virus Taxonomy Profile: Arenaviridae. *Journal of General Virology*, **2019**, 100, 1200-1201	4.9	31
109	Ebola virus disease in mice with transplanted human hematopoietic stem cells. *Journal of Virology*, **2015**, 89, 4700-4	6.6	30
108	Phylogeography of Lassa Virus in Nigeria. *Journal of Virology*, **2019**, 93,	6.6	30
107	Strain-specific antibody response to Lassa virus in the local population of west Africa. *Journal of Clinical Virology*, **2008**, 42, 40-4	14.5	30
106	Enhanced replication contributes to enrichment of hepatitis B virus with a deletion in the core gene. *Virology*, **2000**, 273, 286-99	3.6	30
105	Analysis of Diagnostic Findings From the European Mobile Laboratory in Gučkdou, Guinea, March 2014 Through March 2015. *Journal of Infectious Diseases*, **2016**, 214, S250-S257	7	29
104	Gairo virus, a novel arenavirus of the widespread Mastomys natalensis: Genetically divergent, but ecologically similar to Lassa and Morogoro viruses. *Virology*, **2015**, 476, 249-256	3.6	29
103	Sympatric occurrence of 3 arenaviruses, Tanzania. *Emerging Infectious Diseases*, **2010**, 16, 692-5	10.2	29
102	Hepatitis B virus genomes from long-term immunosuppressed virus carriers are modified by specific mutations in several regions. *Journal of General Virology*, **1999**, 80 (Pt 10), 2685-2691	4.9	29
101	International external quality assessment study for molecular detection of Lassa virus. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003793	4.8	28
100	Ebola Virus Disease Is Characterized by Poor Activation and Reduced Levels of Circulating CD16+ Monocytes. *Journal of Infectious Diseases*, **2016**, 214, S275-S280	7	28

99	Sensitive and specific detection of Crimean-Congo Hemorrhagic Fever Virus (CCHFV)-Specific IgM and IgG antibodies in human sera using recombinant CCHFV nucleoprotein as antigen in Ecapture and IgG immune complex (IC) ELISA tests. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006366	4.8	28
98	Shedding dynamics of Morogoro virus, an African arenavirus closely related to Lassa virus, in its natural reservoir host Mastomys natalensis. *Scientific Reports*, **2015**, 5, 10445	4.9	28
97	Broad-spectrum antiviral activity of small interfering RNA targeting the conserved RNA termini of Lassa virus. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 2215-8	5.9	28
96	Reverse ELISA for IgG and IgM antibodies to detect Lassa virus infections in Africa. *Journal of Clinical Virology*, **2006**, 37, 277-81	14.5	28
95	Different features of V□ T and NK cells in fatal and non-fatal human Ebola infections. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005645	4.8	27
94	Arenavirus Diversity and Phylogeography of Mastomys natalensis Rodents, Nigeria. *Emerging Infectious Diseases*, **2016**, 22, 694-7	10.2	27
93	Deep Sequencing of RNA from Blood and Oral Swab Samples Reveals the Presence of Nucleic Acid from a Number of Pathogens in Patients with Acute Ebola Virus Disease and Is Consistent with Bacterial Translocation across the Gut. *MSphere*, **2017**, 2,	5	26
92	Laboratory Findings, Compassionate Use of Favipiravir, and Outcome in Patients With Ebola Virus Disease, Guinea, 2015-A Retrospective Observational Study. *Journal of Infectious Diseases*, **2019**, 220, 195-202	7	25
91	Evaluation of RealStar Reverse Transcription-Polymerase Chain Reaction Kits for Filovirus Detection in the Laboratory and Field. *Journal of Infectious Diseases*, **2016**, 214, S243-S249	7	25
90	Domain structure of Lassa virus L protein. *Journal of Virology*, **2011**, 85, 324-33	6.6	25
89	Prevalence of Lassa Virus Disease (LVD) in Nigerian children with fever or fever and convulsions in an endemic area. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005711	4.8	23
88	Pathogenicity Comparison Between the Kikwit and Makona Ebola Virus Variants in Rhesus Macaques. *Journal of Infectious Diseases*, **2016**, 214, S281-S289	7	23
87	The European Virus Archive goes global: A growing resource for research. *Antiviral Research*, **2018**, 158, 127-134	10.8	23
86	Prevalence of hepatitis B virus DNA in anti-HBc-positive/HBsAg-negative sera correlates with HCV but not HIV serostatus. *Journal of Clinical Virology*, **2004**, 29, 59-68	14.5	23
85	Atomic Structure and Biochemical Characterization of an RNA Endonuclease in the N Terminus of Andes Virus L Protein. *PLoS Pathogens*, **2016**, 12, e1005635	7.6	23
84	Spatial and temporal evolution of Lassa virus in the natural host population in Upper Guinea. *Scientific Reports*, **2016**, 6, 21977	4.9	23
83	Widespread arenavirus occurrence and seroprevalence in small mammals, Nigeria. *Parasites and Vectors*, **2018**, 11, 416	4	23
82	Structure of a functional cap-binding domain in Rift Valley fever virus L protein. *PLoS Pathogens*, **2019**, 15, e1007829	7.6	22

81	Research efforts to control highly pathogenic arenaviruses: a summary of the progress and gaps. *Journal of Clinical Virology*, **2015**, 64, 120-7	14.5	22
80	Cross-species analysis of the replication complex of Old World arenaviruses reveals two nucleoprotein sites involved in L protein function. *Journal of Virology*, **2011**, 85, 12518-28	6.6	22
79	Lassa Fever: Epidemiology, Clinical Features, Diagnosis, Management and Prevention. *Infectious Disease Clinics of North America*, **2019**, 33, 933-951	6.5	21
78	Determining Ribavirin's mechanism of action against Lassa virus infection. *Scientific Reports*, **2017**, 7, 11693	4.9	21
77	Biochemical and structural studies reveal differences and commonalities among cap-snatching endonucleases from segmented negative-strand RNA viruses. *Journal of Biological Chemistry*, **2018**, 293, 19686-19698	5.4	21
76	Evaluation of rodent control to fight Lassa fever based on field data and mathematical modelling. *Emerging Microbes and Infections*, **2019**, 8, 640-649	18.9	20
75	Genetic Diversity and New Lineages of Dengue Virus Serotypes 3 and 4 in Returning Travelers, Germany, 2006-2015. *Emerging Infectious Diseases*, **2017**, 23, 272-275	10.2	20
74	Retrospective Cohort Study of Lassa Fever in Pregnancy, Southern Nigeria. *Emerging Infectious Diseases*, **2019**, 25,	10.2	20
73	Role of the C terminus of Lassa virus L protein in viral mRNA synthesis. *Journal of Virology*, **2014**, 88, 8718-27	6.6	20
72	Ebola virus infection kinetics in chimeric mice reveal a key role of T cells as barriers for virus dissemination. *Scientific Reports*, **2017**, 7, 43776	4.9	19
71	Structural and functional heterogeneity of naturally occurring hepatitis B virus variants. *Antiviral Research*, **2001**, 52, 125-38	10.8	19
70	Analysis of gene expression in Lassa virus-infected HuH-7 cells. *Journal of General Virology*, **2007**, 88, 1568-1575	4.9	19
69	Resurgence of Ebola virus in 2021 in Guinea suggests a new paradigm for outbreaks. *Nature*, **2021**, 597, 539-543	50.4	19
68	Safety, reactogenicity, and immunogenicity of a chimpanzee adenovirus vectored Ebola vaccine in adults in Africa: a randomised, observer-blind, placebo-controlled, phase 2 trial. *Lancet Infectious Diseases, The*, **2020**, 20, 707-718	25.5	18
67	Kinetics of Soluble Mediators of the Host Response in Ebola Virus Disease. *Journal of Infectious Diseases*, **2018**, 218, S496-S503	7	18
66	Laboratory diagnosis of Lassa fever, liberia. *Emerging Infectious Diseases*, **2010**, 16, 1041-3	10.2	18
65	Seroepidemiological study reveals regional co-occurrence of Lassa- and Hantavirus antibodies in Upper Guinea, West Africa. *Tropical Medicine and International Health*, **2013**, 18, 366-71	2.3	18
64	Familial clustering of HBV pre-C and pre-S mutants. *Journal of Hepatology*, **1997**, 26, 221-7	13.4	18

63	Heterogeneity of hepatitis B virus C-gene sequences: implications for amplification and sequencing. *Journal of Hepatology*, **1993**, 18, 53-61	13.4	18
62	Biochemical characterization of the Lassa virus L protein. *Journal of Biological Chemistry*, **2019**, 294, 8088-8100	5.4	17
61	Structural insights into reptarenavirus cap-snatching machinery. *PLoS Pathogens*, **2017**, 13, e1006400	7.6	17
60	Hospital-based surveillance for viral hemorrhagic fevers and hepatitides in Ghana. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2435	4.8	17
59	The European network of Biosafety-Level-4 laboratories: enhancing European preparedness for new health threats. *Clinical Microbiology and Infection*, **2009**, 15, 720-6	9.5	17
58	Lassa Virus in Pygmy Mice, Benin, 2016-2017. *Emerging Infectious Diseases*, **2019**, 25, 1977-1979	10.2	16
57	Control measures following a case of imported Lassa fever from Togo, North Rhine Westphalia, Germany, 2016. *Eurosurveillance*, **2017**, 22,	19.8	16
56	Caseload and Case Fatality of Lassa Fever in Nigeria, 2001-2018: A Specialist Center's Experience and Its Implications. *Frontiers in Public Health*, **2019**, 7, 170	6	16
55	No measurable adverse effects of Lassa, Morogoro and Gairo arenaviruses on their rodent reservoir host in natural conditions. *Parasites and Vectors*, **2017**, 10, 210	4	16
54	Antibodies to Lassa virus Z protein and nucleoprotein co-occur in human sera from Lassa fever endemic regions. *Medical Microbiology and Immunology*, **2001**, 189, 225-9	4	16
53	Structural and functional characterization of the severe fever with thrombocytopenia syndrome virus L protein. *Nucleic Acids Research*, **2020**, 48, 5749-5765	20.1	15
52	T-Cell Receptor Diversity and the Control of T-Cell Homeostasis Mark Ebola Virus Disease Survival in Humans. *Journal of Infectious Diseases*, **2018**, 218, S508-S518	7	13
51	The N terminus of Andes virus L protein suppresses mRNA and protein expression in mammalian cells. *Journal of Virology*, **2013**, 87, 6975-85	6.6	13
50	Longitudinal antibody and T cell responses in Ebola virus disease survivors and contacts: an observational cohort study. *Lancet Infectious Diseases, The*, **2021**, 21, 507-516	25.5	13
49	Development and evaluation of antibody-capture immunoassays for detection of Lassa virus nucleoprotein-specific immunoglobulin M and G. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006361	4.8	12
48	Early serodiagnosis of acute human Crimean-Congo hemorrhagic fever virus infections by novel capture assays. *Journal of Clinical Virology*, **2010**, 48, 294-5	14.5	12
47	Variation around the dominant viral genome sequence contributes to viral load and outcome in patients with Ebola virus disease. *Genome Biology*, **2020**, 21, 238	18.3	12
46	Arenavirus infection correlates with lower survival of its natural rodent host in a long-term capture-mark-recapture study. *Parasites and Vectors*, **2018**, 11, 90	4	11

45	Small mammal diversity and dynamics within Nigeria, with emphasis on reservoirs of the lassa virus. *Systematics and Biodiversity*, **2018**, 16, 118-127	1.7	11
44	A new class of defective hepatitis B virus genomes with an internal poly(dA) sequence. *Virology*, **1997**, 239, 402-12	3.6	11
43	Clinical Management of Argentine Hemorrhagic Fever using Ribavirin and Favipiravir, Belgium, 2020. *Emerging Infectious Diseases*, **2020**, 26, 1562-1566	10.2	10
42	Modeling Favipiravir Antiviral Efficacy Against Emerging Viruses: From Animal Studies to Clinical Trials. *CPT: Pharmacometrics and Systems Pharmacology*, **2020**, 9, 258-271	4.5	10
41	External quality assessment study for ebolavirus PCR-diagnostic promotes international preparedness during the 2014 - 2016 Ebola outbreak in West Africa. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005570	4.8	10
40	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. *Antiviral Research*, **2020**, 183, 104947	10.8	10
39	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
38	Increased Proinflammatory Cytokine Levels in Prolonged Arthralgia in Ross River Virus Infection. *Emerging Infectious Diseases*, **2017**, 23, 702-704	10.2	9
37	Co-replication analyses of naturally occurring defective hepatitis B virus variants with wild-type. *Virology*, **2008**, 372, 247-59	3.6	9
36	Crimean-Congo Hemorrhagic Fever, Kosovo, 2013-2016. *Emerging Infectious Diseases*, **2019**, 25, 321-324	10.2	8
35	Households as hotspots of Lassa fever? Assessing the spatial distribution of Lassa virus-infected rodents in rural villages of Guinea. *Emerging Microbes and Infections*, **2020**, 9, 1055-1064	18.9	8
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