

# Stephan GÃ¼nther

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5535913/publications.pdf>

Version: 2024-02-01

207  
papers

21,674  
citations

14655

66  
h-index

10734

138  
g-index

218  
all docs

218  
docs citations

218  
times ranked

21698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Novel Coronavirus in Patients with Severe Acute Respiratory Syndrome. <i>New England Journal of Medicine</i> , 2003, 348, 1967-1976.	27.0	3,971
2	Emergence of Zaire Ebola Virus Disease in Guinea. <i>New England Journal of Medicine</i> , 2014, 371, 1418-1425.	27.0	1,193
3	Real-time, portable genome sequencing for Ebola surveillance. <i>Nature</i> , 2016, 530, 228-232.	27.8	1,179
4	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 Äa Suffit!). <i>Lancet</i> , The, 2017, 389, 505-518.	13.7	837
5	Efficacy and effectiveness of an rVSV-vectored vaccine expressing Ebola surface glycoprotein: interim results from the Guinea ring vaccination cluster-randomised trial. <i>Lancet</i> , The, 2015, 386, 857-866.	13.7	715
6	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. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2323-2330.	3.9	527
7	A novel method for efficient amplification of whole hepatitis B virus genomes permits rapid functional analysis and reveals deletion mutants in immunosuppressed patients. <i>Journal of Virology</i> , 1995, 69, 5437-5444.	3.4	464
8	Successful treatment of advanced Ebola virus infection with T-705 (favipiravir) in a small animal model. <i>Antiviral Research</i> , 2014, 105, 17-21.	4.1	428
9	Experimental Treatment with Favipiravir for Ebola Virus Disease (the JIKI Trial): A Historically Controlled, Single-Arm Proof-of-Concept Trial in Guinea. <i>PLoS Medicine</i> , 2016, 13, e1001967.	8.4	382
10	Virus genomes reveal factors that spread and sustained the Ebola epidemic. <i>Nature</i> , 2017, 544, 309-315.	27.8	346
11	Ebola virus disease. <i>Lancet</i> , The, 2019, 393, 936-948.	13.7	305
12	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	2.1	285
13	A Case of Severe Ebola Virus Infection Complicated by Gram-Negative Septicemia. <i>New England Journal of Medicine</i> , 2014, 371, 2394-2401.	27.0	270
14	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. <i>Science</i> , 2021, 372, 642-646.	12.6	240
15	Clinical Sequencing Uncovers Origins and Evolution of Lassa Virus. <i>Cell</i> , 2015, 162, 738-750.	28.9	230
16	Naturally Occurring Variants of Hepatitis B Virus. <i>Advances in Virus Research</i> , 1999, 52, 25-137.	2.1	222
17	Resurgence of Ebola Virus Disease in Guinea Linked to a Survivor With Virus Persistence in Seminal Fluid for More Than 500 Days. <i>Clinical Infectious Diseases</i> , 2016, 63, 1353-1356.	5.8	201
18	Metagenomic sequencing at the epicenter of the Nigeria 2018 Lassa fever outbreak. <i>Science</i> , 2019, 363, 74-77.	12.6	201

#	ARTICLE	IF	CITATIONS
19	Cinanserin Is an Inhibitor of the 3C-Like Proteinase of Severe Acute Respiratory Syndrome Coronavirus and Strongly Reduces Virus Replication In Vitro. <i>Journal of Virology</i> , 2005, 79, 7095-7103.	3.4	185
20	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
21	Lassa Virus. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2004, 41, 339-390.	6.1	179
22	<i>Mastomys natalensis</i> and Lassa Fever, West Africa. <i>Emerging Infectious Diseases</i> , 2006, 12, 1971-1974.	4.3	175
23	Unique human immune signature of Ebola virus disease in Guinea. <i>Nature</i> , 2016, 533, 100-104.	27.8	170
24	Imported Lassa Fever in Germany: Molecular Characterization of a New Lassa Virus Strain. <i>Emerging Infectious Diseases</i> , 2000, 6, 466-476.	4.3	168
25	Zika virus infections imported to Italy: Clinical, immunological and virological findings, and public health implications. <i>Journal of Clinical Virology</i> , 2015, 63, 32-35.	3.1	158
26	The N-Terminal Domain of the Arenavirus L Protein Is an RNA Endonuclease Essential in mRNA Transcription. <i>PLoS Pathogens</i> , 2010, 6, e1001038.	4.7	145
27	Cytokine kinetics of Zika virus-infected patients from acute to convalescent phase. <i>Medical Microbiology and Immunology</i> , 2016, 205, 269-273.	4.8	142
28	Imported Lassa Fever in Germany: Surveillance and Management of Contact Persons. <i>Clinical Infectious Diseases</i> , 2003, 36, 1254-1258.	5.8	139
29	Management of Accidental Exposure to Ebola Virus in the Biosafety Level 4 Laboratory, Hamburg, Germany. <i>Journal of Infectious Diseases</i> , 2011, 204, S785-S790.	4.0	138
30	Evaluation of Antiviral Efficacy of Ribavirin, Arbidol, and T-705 (Favipiravir) in a Mouse Model for Crimean-Congo Hemorrhagic Fever. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2804.	3.0	138
31	Molecular diagnostics of viral hemorrhagic fevers. <i>Antiviral Research</i> , 2003, 57, 61-87.	4.1	135
32	Type, prevalence, and significance of core promoter/enhancer II mutations in hepatitis B viruses from immunosuppressed patients with severe liver disease. <i>Journal of Virology</i> , 1996, 70, 8318-8331.	3.4	134
33	Molecular Diagnostics for Lassa Fever at Irrua Specialist Teaching Hospital, Nigeria: Lessons Learnt from Two Years of Laboratory Operation. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1839.	3.0	131
34	New Hosts of The Lassa Virus. <i>Scientific Reports</i> , 2016, 6, 25280.	3.3	130
35	Reactivation of Hepatitis B Virus Replication Accompanied by Acute Hepatitis in Patients Receiving Highly Active Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2001, 32, 144-148.	5.8	127
36	Replicon System for Lassa Virus. <i>Journal of Virology</i> , 2004, 78, 13793-13803.	3.4	122

#	ARTICLE	IF	CITATIONS
37	Monitoring of clinical and laboratory data in two cases of imported Lassa fever. <i>Microbes and Infection</i> , 2002, 4, 43-50.	1.9	116
38	Heterogeneity and Common Features of Defective Hepatitis B Virus Genomes Derived from Spliced Pregenomic RNA. <i>Virology</i> , 1997, 238, 363-371.	2.4	115
39	Transcriptomic signatures differentiate survival from fatal outcomes in humans infected with Ebola virus. <i>Genome Biology</i> , 2017, 18, 4.	8.8	115
40	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 927-941.	2.1	115
41	Resurgence of Ebola virus in 2021 in Guinea suggests a new paradigm for outbreaks. <i>Nature</i> , 2021, 597, 539-543.	27.8	113
42	Antiviral efficacy of favipiravir against Ebola virus: A translational study in cynomolgus macaques. <i>PLoS Medicine</i> , 2018, 15, e1002535.	8.4	108
43	RT-PCR assay for detection of Lassa virus and related Old World arenaviruses targeting the L gene. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 1253-1264.	1.8	107
44	Rapid outbreak sequencing of Ebola virus in Sierra Leone identifies transmission chains linked to sporadic cases. <i>Virus Evolution</i> , 2016, 2, vew016.	4.9	105
45	Persistence and clearance of Ebola virus RNA from seminal fluid of Ebola virus disease survivors: a longitudinal analysis and modelling study. <i>The Lancet Global Health</i> , 2017, 5, e80-e88.	6.3	100
46	Clinical and laboratory predictors of Lassa fever outcome in a dedicated treatment facility in Nigeria: a retrospective, observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 684-695.	9.1	100
47	Frequent and rapid emergence of mutated pre-C sequences in HBV from e-antigen positive carriers who seroconvert to anti-HBe during interferon treatment. <i>Virology</i> , 1992, 187, 271-279.	2.4	99
48	Hepatitis B virus genomes of patients with fulminant hepatitis do not share a specific mutation. <i>Hepatology</i> , 1996, 24, 300-306.	7.3	95
49	Efficacy of Favipiravir Alone and in Combination With Ribavirin in a Lethal, Immunocompetent Mouse Model of Lassa Fever. <i>Journal of Infectious Diseases</i> , 2016, 213, 934-938.	4.0	95
50	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.. <i>Journal of General Virology</i> , 1998, 79, 375-380.	2.9	95
51	Ribavirin for the treatment of Lassa fever: A systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2019, 87, 15-20.	3.3	94
52	Sequence analysis of L RNA of Lassa virus. <i>Virology</i> , 2004, 318, 153-168.	2.4	92
53	Functional analysis of hepatitis B virus reactivating in hepatitis B surface antigen-negative individuals. <i>Hepatology</i> , 2005, 42, 93-103.	7.3	92
54	T Cell-Dependence of Lassa Fever Pathogenesis. <i>PLoS Pathogens</i> , 2010, 6, e1000836.	4.7	89

#	ARTICLE	IF	CITATIONS
55	Lassa Fever Encephalopathy: Lassa Virus in Cerebrospinal Fluid but Not in Serum. <i>Journal of Infectious Diseases</i> , 2001, 184, 345-349.	4.0	86
56	Improved Detection of Lassa Virus by Reverse Transcription-PCR Targeting the 5â€² Region of S RNA. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2009-2013.	3.9	84
57	Comparative Structural and Functional Analysis of Bunyavirus and Arenavirus Cap-Snatching Endonucleases. <i>PLoS Pathogens</i> , 2016, 12, e1005636.	4.7	84
58	Nomenclature- and Database-Compatible Names for the Two Ebola Virus Variants that Emerged in Guinea and the Democratic Republic of the Congo in 2014. <i>Viruses</i> , 2014, 6, 4760-4799.	3.3	83
59	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. <i>Journal of Clinical Microbiology</i> , 1998, 36, 531-538.	3.9	83
60	Inhibition of Different Lassa Virus Strains by Alpha and Gamma Interferons and Comparison with a Less Pathogenic Arenavirus. <i>Journal of Virology</i> , 2004, 78, 3162-3169.	3.4	81
61	New Lineage of Lassa Virus, Togo, 2016. <i>Emerging Infectious Diseases</i> , 2018, 24, 599-602.	4.3	79
62	Naturally Occurring Hepatitis B Virus Genomes Bearing the Hallmarks of Retroviral G â†’ A Hypermutation. <i>Virology</i> , 1997, 235, 104-108.	2.4	77
63	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. <i>Hepatology</i> , 2002, 35, 466-477.	7.3	77
64	Sequence and phylogenetic analysis of hepatitis B virus genotype G isolated in Germany. <i>Virus Genes</i> , 2002, 24, 153-156.	1.6	72
65	Containing a Lassa fever epidemic in a resource-limited setting: outbreak description and lessons learned from Abakaliki, Nigeria (Januaryâ€“March 2012). <i>International Journal of Infectious Diseases</i> , 2013, 17, e1011-e1016.	3.3	72
66	Novel Arenavirus Sequences in <i>Hylomyscus</i> sp. and <i>Mus (Nannomys) setulosus</i> from CÃ¢te d'Ivoire: Implications for Evolution of Arenaviruses in Africa. <i>PLoS ONE</i> , 2011, 6, e20893.	2.5	72
67	Ebola Virus Persistence in Breast Milk After No Reported Illness: A Likely Source of Virus Transmission From Mother to Child. <i>Clinical Infectious Diseases</i> , 2016, 64, ciw793.	5.8	70
68	Current Molecular Epidemiology of Lassa Virus in Nigeria. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1157-1161.	3.9	68
69	Viral metagenomics, genetic and evolutionary characteristics of Crimean-Congo hemorrhagic fever orthonaviruses in humans, Kosovo. <i>Infection, Genetics and Evolution</i> , 2018, 65, 6-11.	2.3	66
70	ICTV Virus Taxonomy Profile: Arenaviridae. <i>Journal of General Virology</i> , 2019, 100, 1200-1201.	2.9	66
71	Detection of Usutu virus infection in a healthy blood donor from south-west Germany, 2012. <i>Eurosurveillance</i> , 2012, 17, .	7.0	66
72	Diagnostic Reverseâ€“transcription Polymerase Chain Reaction Kit for Filoviruses Based on the Strain Collections of all European Biosafety Level 4 Laboratories. <i>Journal of Infectious Diseases</i> , 2007, 196, S199-S204.	4.0	65

#	ARTICLE	IF	CITATIONS
73	Hepatitis B virus sequence changes evolving in liver transplant recipients with fulminant hepatitis. <i>Journal of Hepatology</i> , 1997, 26, 754-764.	3.7	63
74	Health Care Response to CCHF in US Soldier and Nosocomial Transmission to Health Care Providers, Germany, 2009. <i>Emerging Infectious Diseases</i> , 2015, 21, 23-31.	4.3	62
75	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	2.1	62
76	Lassa Fever. <i>Infectious Disease Clinics of North America</i> , 2019, 33, 933-951.	5.1	61
77	Accumulation and persistence of hepatitis B virus core gene deletion mutants in renal transplant patients are associated with end-stage liver disease. <i>Hepatology</i> , 1996, 24, 751-758.	7.3	59
78	Ebola virus dynamics in mice treated with favipiravir. <i>Antiviral Research</i> , 2015, 123, 70-77.	4.1	57
79	Functional analysis of HBV genomes from patients with fulminant hepatitis. <i>Hepatology</i> , 1998, 28, 1390-1397.	7.3	56
80	Dilemmas in Managing Pregnant Women With Ebola: 2 Case Reports: Table 1.. <i>Clinical Infectious Diseases</i> , 2016, 62, 903-905.	5.8	56
81	Depletion of GTP pool is not the predominant mechanism by which ribavirin exerts its antiviral effect on Lassa virus. <i>Antiviral Research</i> , 2011, 91, 89-93.	4.1	55
82	Application of real-time PCR for testing antiviral compounds against Lassa virus, SARS coronavirus and Ebola virus in vitro. <i>Antiviral Research</i> , 2004, 63, 209-215.	4.1	54
83	Mopeia Virus-related Arenavirus in Natal Multimammate Mice<i>, Morogoro, Tanzania. <i>Emerging Infectious Diseases</i> , 2009, 15, 2008-2012.	4.3	54
84	An N-Terminal Region of Lassa Virus L Protein Plays a Critical Role in Transcription but Not Replication of the Virus Genome. <i>Journal of Virology</i> , 2010, 84, 1934-1944.	3.4	53
85	Lassa Serology in Natural Populations of Rodents and Horizontal Transmission. <i>Vector-Borne and Zoonotic Diseases</i> , 2014, 14, 665-674.	1.5	52
86	Hepatitis B virus variants with core gene deletions in the evolution of chronic hepatitis B infection. <i>Gastroenterology</i> , 1996, 111, 183-192.	1.3	49
87	Phylogeography of Lassa Virus in Nigeria. <i>Journal of Virology</i> , 2019, 93, .	3.4	49
88	Interferon Î2-1a for the treatment of Ebola virus disease: A historically controlled, single-arm proof-of-concept trial. <i>PLoS ONE</i> , 2017, 12, e0169255.	2.5	48
89	First International Quality Assurance Study on the Rapid Detection of Viral Agents of Bioterrorism. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1753-1755.	3.9	47
90	Structure of the Lassa Virus Nucleoprotein Revealed by X-ray Crystallography, Small-angle X-ray Scattering, and Electron Microscopy. <i>Journal of Biological Chemistry</i> , 2011, 286, 38748-38756.	3.4	47

#	ARTICLE	IF	CITATIONS
91	Different features of V $\alpha$ 2 T and NK cells in fatal and non-fatal human Ebola infections. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005645.	3.0	46
92	Safety, reactogenicity, and immunogenicity of a chimpanzee adenovirus vectored Ebola vaccine in adults in Africa: a randomised, observer-blind, placebo-controlled, phase 2 trial. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 707-718.	9.1	45
93	Mutational Analysis of the Lassa Virus Promoter. <i>Journal of Virology</i> , 2006, 80, 12414-12419.	3.4	44
94	Presence of Mopeia Virus, an African Arenavirus, Related to Biotope and Individual Rodent Host Characteristics: Implications for Virus Transmission. <i>Vector-Borne and Zoonotic Diseases</i> , 2011, 11, 1125-1131.	1.5	44
95	Infection of Type I Interferon Receptor-Deficient Mice with Various Old World Arenaviruses: A Model for Studying Virulence and Host Species Barriers. <i>PLoS ONE</i> , 2013, 8, e72290.	2.5	44
96	Structural and functional characterization of the severe fever with thrombocytopenia syndrome virus L protein. <i>Nucleic Acids Research</i> , 2020, 48, 5749-5765.	14.5	44
97	Neonatal Fulminant Hepatitis B: Structural and Functional Analysis of Complete Hepatitis B Virus Genomes from Mother and Infant. <i>Journal of Infectious Diseases</i> , 1998, 177, 1378-1381.	4.0	42
98	Genetic variation in HBV infection: genotypes and mutants. <i>Journal of Clinical Virology</i> , 2006, 36, S3-S11.	3.1	41
99	High Diversity of RNA Viruses in Rodents, Ethiopia. <i>Emerging Infectious Diseases</i> , 2012, 18, 2047-2050.	4.3	41
100	Chimeric Mice with Competent Hematopoietic Immunity Reproduce Key Features of Severe Lassa Fever. <i>PLoS Pathogens</i> , 2016, 12, e1005656.	4.7	41
101	Widespread arenavirus occurrence and seroprevalence in small mammals, Nigeria. <i>Parasites and Vectors</i> , 2018, 11, 416.	2.5	41
102	Structure of a functional cap-binding domain in Rift Valley fever virus L protein. <i>PLoS Pathogens</i> , 2019, 15, e1007829.	4.7	41
103	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. <i>Journal of Virology</i> , 2008, 82, 10207-10217.	3.4	40
104	Functional Analysis of Complex Hepatitis B Virus Variants Associated With Development of Liver Cirrhosis. <i>Gastroenterology</i> , 2006, 131, 765-780.	1.3	39
105	Laboratory Findings, Compassionate Use of Favipiravir, and Outcome in Patients With Ebola Virus Disease, Guinea, 2015—A Retrospective Observational Study. <i>Journal of Infectious Diseases</i> , 2019, 220, 195-202.	4.0	38
106	Shedding dynamics of Morogoro virus, an African arenavirus closely related to Lassa virus, in its natural reservoir host <i>Mastomys natalensis</i> . <i>Scientific Reports</i> , 2015, 5, 10445.	3.3	37
107	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 $\dot{I}$ ¼-capture and IgG immune complex (IC) ELISA tests. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006366.	3.0	37
108	Analysis of Hepatitis B Virus Populations in an Interferon- $\dot{I}$ ±-Treated Patient Reveals Predominant Mutations in the C-Gene and Changing e-Antigenicity. <i>Virology</i> , 1998, 244, 146-160.	2.4	36

#	ARTICLE	IF	CITATIONS
109	Prevalence of hepatitis B virus DNA in anti-HBc-positive/HBsAg-negative sera correlates with HCV but not HIV serostatus. <i>Journal of Clinical Virology</i> , 2004, 29, 59-68.	3.1	36
110	Complete sequence and phylogenetic characterisation of Crimean-Congo hemorrhagic fever virus from Afghanistan. <i>Journal of Clinical Virology</i> , 2011, 50, 90-92.	3.1	36
111	Ebola Virus Disease in Mice with Transplanted Human Hematopoietic Stem Cells. <i>Journal of Virology</i> , 2015, 89, 4700-4704.	3.4	36
112	Arenavirus Diversity and Phylogeography of <i>Mastomys natalensis</i> Rodents, Nigeria. <i>Emerging Infectious Diseases</i> , 2016, 22, 687-690.	4.3	36
113	Determining Ribavirin's mechanism of action against Lassa virus infection. <i>Scientific Reports</i> , 2017, 7, 11693.	3.3	36
114	Evaluation of rodent control to fight Lassa fever based on field data and mathematical modelling. <i>Emerging Microbes and Infections</i> , 2019, 8, 640-649.	6.5	36
115	Research efforts to control highly pathogenic arenaviruses: A summary of the progress and gaps. <i>Journal of Clinical Virology</i> , 2015, 64, 120-127.	3.1	35
116	Biochemical characterization of the Lassa virus L protein. <i>Journal of Biological Chemistry</i> , 2019, 294, 8088-8100.	3.4	35
117	Hepatitis B virus genomes from long-term immunosuppressed virus carriers are modified by specific mutations in several regions. <i>Journal of General Virology</i> , 1999, 80, 2685-2691.	2.9	35
118	Enhanced Replication Contributes to Enrichment of Hepatitis B Virus with a Deletion in the Core Gene. <i>Virology</i> , 2000, 273, 286-299.	2.4	34
119	Gairo virus, a novel arenavirus of the widespread <i>Mastomys natalensis</i> : Genetically divergent, but ecologically similar to Lassa and Morogoro viruses. <i>Virology</i> , 2015, 476, 249-256.	2.4	34
120	Caseload and Case Fatality of Lassa Fever in Nigeria, 2001-2018: A Specialist Center's Experience and Its Implications. <i>Frontiers in Public Health</i> , 2019, 7, 170.	2.7	34
121	Retrospective Cohort Study of Lassa Fever in Pregnancy, Southern Nigeria. <i>Emerging Infectious Diseases</i> , 2019, 25, 1494-1500.	4.3	34
122	Reverse ELISA for IgG and IgM antibodies to detect Lassa virus infections in Africa. <i>Journal of Clinical Virology</i> , 2006, 37, 277-281.	3.1	33
123	Strain-specific antibody response to Lassa virus in the local population of west Africa. <i>Journal of Clinical Virology</i> , 2008, 42, 40-44.	3.1	33
124	Sympatric Occurrence of 3 Arenaviruses, Tanzania. <i>Emerging Infectious Diseases</i> , 2010, 16, 692-695.	4.3	33
125	Evaluation of RealStar Reverse Transcription-Polymerase Chain Reaction Kits for Filovirus Detection in the Laboratory and Field. <i>Journal of Infectious Diseases</i> , 2016, 214, S243-S249.	4.0	33
126	International External Quality Assessment Study for Molecular Detection of Lassa Virus. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003793.	3.0	32



#	ARTICLE	IF	CITATIONS
127	Analysis of Diagnostic Findings From the European Mobile Laboratory in Guã©ckã©dou, Guinea, March 2014 Through March 2015. <i>Journal of Infectious Diseases</i> , 2016, 214, S250-S257.	4.0	32
128	Structural insights into reptarenavirus cap-snatching machinery. <i>PLoS Pathogens</i> , 2017, 13, e1006400.	4.7	32
129	Prevalence of Lassa Virus Disease (LVD) in Nigerian children with fever or fever and convulsions in an endemic area. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005711.	3.0	32
130	Ebola Virus Disease Is Characterized by Poor Activation and Reduced Levels of Circulating CD16<sup>+</sup> Monocytes. <i>Journal of Infectious Diseases</i> , 2016, 214, S275-S280.	4.0	31
131	Ebola virus infection kinetics in chimeric mice reveal a key role of T cells as barriers for virus dissemination. <i>Scientific Reports</i> , 2017, 7, 43776.	3.3	31
132	Biochemical and structural studies reveal differences and commonalities among cap-snatching endonucleases from segmented negative-strand RNA viruses. <i>Journal of Biological Chemistry</i> , 2018, 293, 19686-19698.	3.4	31
133	Atomic Structure and Biochemical Characterization of an RNA Endonuclease in the N Terminus of Andes Virus L Protein. <i>PLoS Pathogens</i> , 2016, 12, e1005635.	4.7	31
134	Domain Structure of Lassa Virus L Protein. <i>Journal of Virology</i> , 2011, 85, 324-333.	3.4	30
135	Pathogenicity Comparison Between the Kikwit and Makona Ebola Virus Variants in Rhesus Macaques. <i>Journal of Infectious Diseases</i> , 2016, 214, S281-S289.	4.0	30
136	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. <i>MSphere</i> , 2017, 2, .	2.9	30
137	The European Virus Archive goes global: A growing resource for research. <i>Antiviral Research</i> , 2018, 158, 127-134.	4.1	30
138	Lassa fever outcomes and prognostic factors in Nigeria (LASCOPE): a prospective cohort study. <i>The Lancet Global Health</i> , 2021, 9, e469-e478.	6.3	30
139	Broad-Spectrum Antiviral Activity of Small Interfering RNA Targeting the Conserved RNA Termini of Lassa Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2215-2218.	3.2	29
140	Cross-Species Analysis of the Replication Complex of Old World Arenaviruses Reveals Two Nucleoprotein Sites Involved in L Protein Function. <i>Journal of Virology</i> , 2011, 85, 12518-12528.	3.4	29
141	Spatial and temporal evolution of Lassa virus in the natural host population in Upper Guinea. <i>Scientific Reports</i> , 2016, 6, 21977.	3.3	28
142	Control measures following a case of imported Lassa fever from Togo, North Rhine Westphalia, Germany, 2016. <i>Eurosurveillance</i> , 2017, 22, .	7.0	28
143	Role of the C Terminus of Lassa Virus L Protein in Viral mRNA Synthesis. <i>Journal of Virology</i> , 2014, 88, 8713-8717.	3.4	27
144	Longitudinal antibody and T cell responses in Ebola virus disease survivors and contacts: an observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 507-516.	9.1	26

#	ARTICLE	IF	CITATIONS
145	Conformational changes in Lassa virus L protein associated with promoter binding and RNA synthesis activity. <i>Nature Communications</i> , 2021, 12, 7018.	12.8	26
146	Detection of Marburg Virus Disease in Guinea. <i>New England Journal of Medicine</i> , 2022, 386, 2528-2530.	27.0	26
147	Genetic Diversity and New Lineages of Dengue Virus Serotypes 3 and 4 in Returning Travelers, Germany, 2006–2015. <i>Emerging Infectious Diseases</i> , 2017, 23, 272-275.	4.3	25
148	T-Cell Receptor Diversity and the Control of T-Cell Homeostasis Mark Ebola Virus Disease Survival in Humans. <i>Journal of Infectious Diseases</i> , 2018, 218, S508-S518.	4.0	25
149	Kinetics of Soluble Mediators of the Host Response in Ebola Virus Disease. <i>Journal of Infectious Diseases</i> , 2018, 218, S496-S503.	4.0	25
150	Lassa Virus in Pygmy Mice, Benin, 2016–2017. <i>Emerging Infectious Diseases</i> , 2019, 25, 1977-1979.	4.3	25
151	Hospital-Based Surveillance for Viral Hemorrhagic Fevers and Hepatitides in Ghana. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2435.	3.0	24
152	Analysis of gene expression in Lassa virus-infected HuH-7 cells. <i>Journal of General Virology</i> , 2007, 88, 1568-1575.	2.9	24
153	Seroepidemiological study reveals regional co-occurrence of Lassa and Hantaan virus antibodies in Upper Guinea, West Africa. <i>Tropical Medicine and International Health</i> , 2013, 18, 366-371.	2.3	23
154	Lassa fever in Benin: description of the 2014 and 2016 epidemics and genetic characterization of a new Lassa virus. <i>Emerging Microbes and Infections</i> , 2020, 9, 1761-1770.	6.5	23
155	Heterogeneity of hepatitis B virus C-gene sequences: Implications for amplification and sequencing. <i>Journal of Hepatology</i> , 1993, 18, 53-61.	3.7	22
156	The European network of Biosafety-Level-4 laboratories: enhancing European preparedness for new health threats. <i>Clinical Microbiology and Infection</i> , 2009, 15, 720-726.	6.0	22
157	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. <i>Antiviral Research</i> , 2020, 183, 104947.	4.1	22
158	Clinical Management of Argentine Hemorrhagic Fever using Ribavirin and Favipiravir, Belgium, 2020. <i>Emerging Infectious Diseases</i> , 2020, 26, 1562-1566.	4.3	21
159	Structural and functional heterogeneity of naturally occurring hepatitis B virus variants. <i>Antiviral Research</i> , 2001, 52, 125-138.	4.1	20
160	Laboratory Diagnosis of Lassa Fever, Liberia. <i>Emerging Infectious Diseases</i> , 2010, 16, 1041-1043.	4.3	20
161	No measurable adverse effects of Lassa, Morogoro and Cairo arenaviruses on their rodent reservoir host in natural conditions. <i>Parasites and Vectors</i> , 2017, 10, 210.	2.5	20
162	Modeling Favipiravir Antiviral Efficacy Against Emerging Viruses: From Animal Studies to Clinical Trials. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2020, 9, 258-271.	2.5	20

#	ARTICLE	IF	CITATIONS
163	Households as hotspots of Lassa fever? Assessing the spatial distribution of Lassa virus-infected rodents in rural villages of Guinea. <i>Emerging Microbes and Infections</i> , 2020, 9, 1055-1064.	6.5	20
164	Familial clustering of HBV pre-C and pre-S mutants. <i>Journal of Hepatology</i> , 1997, 26, 221-227.	3.7	19
165	Small mammal diversity and dynamics within Nigeria, with emphasis on reservoirs of the lassa virus. <i>Systematics and Biodiversity</i> , 2018, 16, 118-127.	1.2	19
166	Development and evaluation of antibody-capture immunoassays for detection of Lassa virus nucleoprotein-specific immunoglobulin M and G. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006361.	3.0	18
167	Variation around the dominant viral genome sequence contributes to viral load and outcome in patients with Ebola virus disease. <i>Genome Biology</i> , 2020, 21, 238.	8.8	18
168	Antibodies to Lassa virus Z protein and nucleoprotein co-occur in human sera from Lassa fever endemic regions. <i>Medical Microbiology and Immunology</i> , 2001, 189, 225-229.	4.8	17
169	The N Terminus of Andes Virus L Protein Suppresses mRNA and Protein Expression in Mammalian Cells. <i>Journal of Virology</i> , 2013, 87, 6975-6985.	3.4	17
170	Heterologous arenavirus vector prime-boost overrules self-tolerance for efficient tumor-specific CD8 T cell attack. <i>Cell Reports Medicine</i> , 2021, 2, 100209.	6.5	16
171	Arenavirus infection correlates with lower survival of its natural rodent host in a long-term capture-mark-recapture study. <i>Parasites and Vectors</i> , 2018, 11, 90.	2.5	15
172	Crimean-Congo Hemorrhagic Fever, Kosovo, 2013–2016. <i>Emerging Infectious Diseases</i> , 2019, 25, 321-324.	4.3	15
173	Severe Human Lassa Fever Is Characterized by Nonspecific T-Cell Activation and Lymphocyte Homing to Inflamed Tissues. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
174	Field evaluation of a Pan-Lassa rapid diagnostic test during the 2018 Nigerian Lassa fever outbreak. <i>Scientific Reports</i> , 2020, 10, 8724.	3.3	14
175	Density dependence and persistence of Morogoro arenavirus transmission in a fluctuating population of its reservoir host. <i>Journal of Animal Ecology</i> , 2020, 89, 506-518.	2.8	13
176	Ebola Virus Disease Survivors Show More Efficient Antibody Immunity than Vaccinees Despite Similar Levels of Circulating Immunoglobulins. <i>Viruses</i> , 2020, 12, 915.	3.3	13
177	Experimental Morogoro Virus Infection in Its Natural Host, <i>Mastomys natalensis</i> . <i>Viruses</i> , 2021, 13, 851.	3.3	13
178	Rift Valley fever virus minigenome system for investigating the role of L protein residues in viral transcription and replication. <i>Journal of General Virology</i> , 2019, 100, 1093-1098.	2.9	13
179	External quality assessment study for ebolavirus PCR-diagnostic promotes international preparedness during the 2014 – 2016 Ebola outbreak in West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005570.	3.0	13
180	Virus persistence after recovery from acute Lassa fever in Nigeria: a 2-year interim analysis of a prospective longitudinal cohort study. <i>Lancet Microbe</i> , The, 2022, 3, e32-e40.	7.3	13

#	ARTICLE	IF	CITATIONS
181	A New Class of Defective Hepatitis B Virus Genomes with an Internal Poly(dA) Sequence. <i>Virology</i> , 1997, 239, 402-412.	2.4	12
182	Early serodiagnosis of acute human Crimean-Congo hemorrhagic fever virus infections by novel capture assays. <i>Journal of Clinical Virology</i> , 2010, 48, 294-295.	3.1	12
183	Increased Proinflammatory Cytokine Levels in Prolonged Arthralgia in Ross River Virus Infection. <i>Emerging Infectious Diseases</i> , 2017, 23, 702-704.	4.3	12
184	Acute Lassa Virus Encephalitis with Lassa Virus in the Cerebrospinal Fluid but Absent in the Blood: A Case Report with a Positive Outcome. <i>Case Reports in Neurology</i> , 2018, 10, 150-158.	0.7	12
185	Field investigation with real-time virus genetic characterisation support of a cluster of Ebola virus disease cases in DubrÅ©ka, Guinea, April to June 2015. <i>Eurosurveillance</i> , 2018, 23, .	7.0	11
186	Characterisation of the T-cell response to Ebola virus glycoprotein amongst survivors of the 2013â€“16 West Africa epidemic. <i>Nature Communications</i> , 2021, 12, 1153.	12.8	10
187	Metagenomic Snapshots of Viral Components in Guinean Bats. <i>Microorganisms</i> , 2021, 9, 599.	3.6	10
188	Co-replication analyses of naturally occurring defective hepatitis B virus variants with wild-type. <i>Virology</i> , 2008, 372, 247-259.	2.4	9
189	Human Diversity of Killer Cell Immunoglobulin-Like Receptors and Human Leukocyte Antigen Class I Alleles and Ebola Virus Disease Outcomes. <i>Emerging Infectious Diseases</i> , 2021, 27, 76-84.	4.3	8
190	Factors associated with progression to death in patients with Lassa fever in Nigeria: an observational study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 876-886.	9.1	8
191	Tigray Orthohantavirus Infects Two Related Rodent Species Adapted to Different Elevations in Ethiopia. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 950-953.	1.5	7
192	Acute Abdomen in Pediatric Patients With Lassa Fever: Prevalence and Response to Nonoperative Management. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 519-524.	1.3	7
193	A Sporadic and Lethal Lassa Fever Case in Forest Guinea, 2019. <i>Viruses</i> , 2020, 12, 1062.	3.3	7
194	Acute kidney injury and mortality in pediatric Lassa fever versus question of access to dialysis. <i>International Journal of Infectious Diseases</i> , 2021, 103, 124-131.	3.3	7
195	New lessons from a case series review of Lassa fever in pregnancy. <i>International Journal of Infectious Diseases</i> , 2010, 14, e380.	3.3	6
196	Cytokine Profile Distinguishes Children With Plasmodium falciparum Malaria From Those With Bacterial Blood Stream Infections. <i>Journal of Infectious Diseases</i> , 2020, 221, 1098-1106.	4.0	5
197	Enhanced efficacy of endonuclease inhibitor baloxavir acid against orthobunyaviruses when used in combination with ribavirin. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3189-3193.	3.0	5
198	Lassa fever clinical course and setting a standard of care for future randomized trials: A protocol for a cohort study of Lassa-infected patients in Nigeria (LASCOPE). <i>Travel Medicine and Infectious Disease</i> , 2020, 36, 101557.	3.0	5

#	ARTICLE	IF	CITATIONS
199	Validation of Inactivation Methods for Arenaviruses. <i>Viruses</i> , 2021, 13, 968.	3.3	5
200	Naturally occurring mutations of hepatitis B virus and outcome of chronic infection: Is there an association?. <i>European Journal of Clinical Investigation</i> , 2000, 30, 751-753.	3.4	4
201	Crimean congo hemorrhagic fever, 2013 and 2014 Sudan. <i>International Journal of Infectious Diseases</i> , 2016, 53, 9.	3.3	4
202	Prospective observational study on the pharmacokinetic properties of the Iruva ribavirin regimen used in routine clinical practice in patients with Lassa fever in Nigeria. <i>BMJ Open</i> , 2020, 10, e036936.	1.9	4
203	Human Dobrava-Belgrade hantavirus infection, Kosovo. <i>Journal of Clinical Virology</i> , 2014, 61, 439-441.	3.1	3
204	G311â€¦Lassa fever and convulsions associated with fever: A case-control study. , 2017, , .		1
205	Evaluating case definitions for Ebola virus disease. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1224-1226.	9.1	1
206	Detection of Lassa Virus-Reactive IgG Antibodies in Wild Rodents: Validation of a Capture Enzyme-Linked Immunological Assay. <i>Viruses</i> , 2022, 14, 993.	3.3	1
207	A40â€¦Estimation of Lassa virus emergence in Upper Guinea through a time-calibrated phylogeny. <i>Virus Evolution</i> , 2019, 5, .	4.9	0