

Stephan Gnther

List of Publications by Year in Descending Order

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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.

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	Virus persistence after recovery from acute Lassa fever in Nigeria: a 2-year interim analysis of a prospective longitudinal cohort study.. <i>Lancet Microbe, The</i> , 2022 , 3, e32-e40	22.2	4
205	Detection of Lassa Virus-Reactive IgG Antibodies in Wild Rodents: Validation of a Capture Enzyme-Linked Immunological Assay. <i>Viruses</i> , 2022 , 14, 993	6.2	0
204	Conformational changes in Lassa virus L protein associated with promoter binding and RNA synthesis activity. <i>Nature Communications</i> , 2021 , 12, 7018	17.4	4
203	Heterologous arenavirus vector prime-boost overrules self-tolerance for efficient tumor-specific CD8 T'cell attack. <i>Cell Reports Medicine</i> , 2021 , 2, 100209	18	5
202	Metagenomic Snapshots of Viral Components in Guinean Bats. <i>Microorganisms</i> , 2021 , 9,	4.9	1
201	Lassa fever outcomes and prognostic factors in Nigeria (LASCOPE): a prospective cohort study. <i>The Lancet Global Health</i> , 2021 , 9, e469-e478	13.6	6
200	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. <i>Science</i> , 2021 , 372, 642-646	33.3	95
199	Experimental Morogoro Virus Infection in Its Natural Host,. <i>Viruses</i> , 2021 , 13,	6.2	3
198	Validation of Inactivation Methods for Arenaviruses. <i>Viruses</i> , 2021 , 13,	6.2	1
197	Factors associated with progression to death in patients with Lassa fever in Nigeria: an observational study. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 876-886	25.5	0
196	Longitudinal antibody and T cell responses in Ebola virus disease survivors and contacts: an observational cohort study. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 507-516	25.5	13
195	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	10.2	2
194	Characterisation of the T-cell response to Ebola virus glycoprotein amongst survivors of the 2013-16 West Africa epidemic. <i>Nature Communications</i> , 2021 , 12, 1153	17.4	6
193	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	10.5	1
192	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566	2.6	10
191	Resurgence of Ebola virus in 2021 in Guinea suggests a new paradigm for outbreaks. <i>Nature</i> , 2021 , 597, 539-543	50.4	19
190	Clinical Management of Argentine Hemorrhagic Fever using Ribavirin and Favipiravir, Belgium, 2020. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1562-1566	10.2	10

189	Modeling Favipiravir Antiviral Efficacy Against Emerging Viruses: From Animal Studies to Clinical Trials. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2020 , 9, 258-271	4.5	10
188	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	18.9	8
187	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	8.4	2
186	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, The</i> , 2020 , 20, 707-718	25.5	18
185	Field evaluation of a Pan-Lassa rapid diagnostic test during the 2018 Nigerian Lassa fever outbreak. <i>Scientific Reports</i> , 2020 , 10, 8724	4.9	6
184	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	7	2
183	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	4.7	6
182	A Sporadic and Lethal Lassa Fever Case in Forest Guinea, 2019. <i>Viruses</i> , 2020 , 12,	6.2	3
181	Evaluating case definitions for Ebola virus disease. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 1224-1226	25.5	1
180	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	18.3	12
179	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	5.1	3
178	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	18.9	3
177	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. <i>Antiviral Research</i> , 2020 , 183, 104947	10.8	10
176	Ebola Virus Disease Survivors Show More Efficient Antibody Immunity than Vaccinees Despite Similar Levels of Circulating Immunoglobulins. <i>Viruses</i> , 2020 , 12,	6.2	5
175	Severe Human Lassa Fever Is Characterized by Nonspecific T-Cell Activation and Lymphocyte Homing to Inflamed Tissues. <i>Journal of Virology</i> , 2020 , 94,	6.6	4
174	Structural and functional characterization of the severe fever with thrombocytopenia syndrome virus L protein. <i>Nucleic Acids Research</i> , 2020 , 48, 5749-5765	20.1	15
173	Prospective observational study on the pharmacokinetic properties of the Irrua ribavirin regimen used in routine clinical practice in patients with Lassa fever in Nigeria. <i>BMJ Open</i> , 2020 , 10, e036936	3	1
172	A40 Estimation of Lassa virus emergence in Upper Guinea through a time-calibrated phylogeny. <i>Virus Evolution</i> , 2019 , 5,	3.7	78

171	Ribavirin for the treatment of Lassa fever: A systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2019 , 87, 15-20	10.5	51
170	Lassa Virus in Pygmy Mice, Benin, 2016-2017. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1977-1979	10.2	16
169	Taxonomy of the order Bunyavirales: second update 2018. <i>Archives of Virology</i> , 2019 , 164, 927-941	2.6	76
168	Crimean-Congo Hemorrhagic Fever, Kosovo, 2013-2016. <i>Emerging Infectious Diseases</i> , 2019 , 25, 321-324	10.2	8
167	Structure of a functional cap-binding domain in Rift Valley fever virus L protein. <i>PLoS Pathogens</i> , 2019 , 15, e1007829	7.6	22
166	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1949-1965	2.6	148
165	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	18.9	20
164	Biochemical characterization of the Lassa virus L protein. <i>Journal of Biological Chemistry</i> , 2019 , 294, 8088-8100	5.4	17
163	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	7	25
162	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	6	16
161	Tigray Orthohantavirus Infects Two Related Rodent Species Adapted to Different Elevations in Ethiopia. <i>Vector-Borne and Zoonotic Diseases</i> , 2019 , 19, 950-953	2.4	6
160	Phylogeography of Lassa Virus in Nigeria. <i>Journal of Virology</i> , 2019 , 93,	6.6	30
159	Retrospective Cohort Study of Lassa Fever in Pregnancy, Southern Nigeria. <i>Emerging Infectious Diseases</i> , 2019 , 25,	10.2	20
158	Lassa Fever: Epidemiology, Clinical Features, Diagnosis, Management and Prevention. <i>Infectious Disease Clinics of North America</i> , 2019 , 33, 933-951	6.5	21
157	ICTV Virus Taxonomy Profile: Arenaviridae. <i>Journal of General Virology</i> , 2019 , 100, 1200-1201	4.9	31
156	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	4.9	6
155	Ebola virus disease. <i>Lancet, The</i> , 2019 , 393, 936-948	40	164
154	Metagenomic sequencing at the epicenter of the Nigeria 2018 Lassa fever outbreak. <i>Science</i> , 2019 , 363, 74-77	33.3	130

153	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	4.8	5
152	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> , 2018 , 18, 684-695	25.5	64
151	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	4	11
150	Small mammal diversity and dynamics within Nigeria, with emphasis on reservoirs of the lassa virus. <i>Systematics and Biodiversity</i> , 2018 , 16, 118-127	1.7	11
149	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	7	13
148	The European Virus Archive goes global: A growing resource for research. <i>Antiviral Research</i> , 2018 , 158, 127-134	10.8	23
147	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	1	7
146	Viral metagenomics, genetic and evolutionary characteristics of Crimean-Congo hemorrhagic fever orthonairovirus in humans, Kosovo. <i>Infection, Genetics and Evolution</i> , 2018 , 65, 6-11	4.5	38
145	Kinetics of Soluble Mediators of the Host Response in Ebola Virus Disease. <i>Journal of Infectious Diseases</i> , 2018 , 218, S496-S503	7	18
144	New Lineage of Lassa Virus, Togo, 2016. <i>Emerging Infectious Diseases</i> , 2018 , 24, 599-602	10.2	51
143	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	4.8	12
142	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 Capture and IgG immune complex (IC) ELISA tests. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006366	4.8	28
141	Antiviral efficacy of favipiravir against Ebola virus: A translational study in cynomolgus macaques. <i>PLoS Medicine</i> , 2018 , 15, e1002535	11.6	77
140	Field investigation with real-time virus genetic characterisation support of a cluster of Ebola virus disease cases in Dubrka, Guinea, April to June 2015. <i>Eurosurveillance</i> , 2018 , 23,	19.8	7
139	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	5.4	21
138	Widespread arenavirus occurrence and seroprevalence in small mammals, Nigeria. <i>Parasites and Vectors</i> , 2018 , 11, 416	4	23
137	Transcriptomic signatures differentiate survival from fatal outcomes in humans infected with Ebola virus. <i>Genome Biology</i> , 2017 , 18, 4	18.3	81
136	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	13.6	75

135	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	4.9	19
134	Virus genomes reveal factors that spread and sustained the Ebola epidemic. <i>Nature</i> , 2017 , 544, 309-315	50.4	238
133	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 Æ Suffit!). <i>Lancet, The</i> , 2017 , 389, 505-518	40	575
132	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	10.2	20
131	Structural insights into reptarenavirus cap-snatching machinery. <i>PLoS Pathogens</i> , 2017 , 13, e1006400	7.6	17
130	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	4.8	23
129	Increased Proinflammatory Cytokine Levels in Prolonged Arthralgia in Ross River Virus Infection. <i>Emerging Infectious Diseases</i> , 2017 , 23, 702-704	10.2	9
128	Control measures following a case of imported Lassa fever from Togo, North Rhine Westphalia, Germany, 2016. <i>Eurosurveillance</i> , 2017 , 22,	19.8	16
127	Determining Ribavirinß mechanism of action against Lassa virus infection. <i>Scientific Reports</i> , 2017 , 7, 11693	4.9	21
126	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,	5	26
125	No measurable adverse effects of Lassa, Morogoro and Gairo arenaviruses on their rodent reservoir host in natural conditions. <i>Parasites and Vectors</i> , 2017 , 10, 210	4	16
124	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	4.8	10
123	Different features of Vß T and NK cells in fatal and non-fatal human Ebola infections. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005645	4.8	27
122	Interferon Æ1a for the treatment of Ebola virus disease: A historically controlled, single-arm proof-of-concept trial. <i>PLoS ONE</i> , 2017 , 12, e0169255	3.7	36
121	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> , 2017 , 64, 513-516	11.6	63
120	Ebola Virus Disease Is Characterized by Poor Activation and Reduced Levels of Circulating CD16+ Monocytes. <i>Journal of Infectious Diseases</i> , 2016 , 214, S275-S280	7	28
119	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	7	25
118	Pathogenicity Comparison Between the Kikwit and Makona Ebola Virus Variants in Rhesus Macaques. <i>Journal of Infectious Diseases</i> , 2016 , 214, S281-S289	7	23

117	Analysis of Diagnostic Findings From the European Mobile Laboratory in Gučkđou, Guinea, March 2014 Through March 2015. <i>Journal of Infectious Diseases</i> , 2016 , 214, S250-S257	7	29
116	Rapid outbreak sequencing of Ebola virus in Sierra Leone identifies transmission chains linked to sporadic cases. <i>Virus Evolution</i> , 2016 , 2, vew016	3.7	89
115	Real-time, portable genome sequencing for Ebola surveillance. <i>Nature</i> , 2016 , 530, 228-232	50.4	845
114	Dilemmas in Managing Pregnant Women With Ebola: 2 Case Reports. <i>Clinical Infectious Diseases</i> , 2016 , 62, 903-905	11.6	48
113	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, 934-8	7	73
112	Cytokine kinetics of Zika virus-infected patients from acute to convalescent phase. <i>Medical Microbiology and Immunology</i> , 2016 , 205, 269-73	4	99
111	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	7.6	23
110	Comparative Structural and Functional Analysis of Bunyavirus and Arenavirus Cap-Snatching Endonucleases. <i>PLoS Pathogens</i> , 2016 , 12, e1005636	7.6	55
109	Arenavirus Diversity and Phylogeography of <i>Mastomys natalensis</i> Rodents, Nigeria. <i>Emerging Infectious Diseases</i> , 2016 , 22, 694-7	10.2	27
108	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	11.6	299
107	Chimeric Mice with Competent Hematopoietic Immunity Reproduce Key Features of Severe Lassa Fever. <i>PLoS Pathogens</i> , 2016 , 12, e1005656	7.6	32
106	Spatial and temporal evolution of Lassa virus in the natural host population in Upper Guinea. <i>Scientific Reports</i> , 2016 , 6, 21977	4.9	23
105	New Hosts of The Lassa Virus. <i>Scientific Reports</i> , 2016 , 6, 25280	4.9	89
104	Unique human immune signature of Ebola virus disease in Guinea. <i>Nature</i> , 2016 , 533, 100-4	50.4	125
103	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	11.6	134
102	Efficacy and effectiveness of an rVSV-vectored vaccine expressing Ebola surface glycoprotein: interim results from the Guinea ring vaccination cluster-randomised trial. <i>Lancet, The</i> , 2015 , 386, 857-66	40	590
101	International external quality assessment study for molecular detection of Lassa virus. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003793	4.8	28
100	Ebola virus disease in mice with transplanted human hematopoietic stem cells. <i>Journal of Virology</i> , 2015 , 89, 4700-4	6.6	30

99	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	10.2	48
98	Clinical Sequencing Uncovers Origins and Evolution of Lassa Virus. <i>Cell</i> , 2015 , 162, 738-50	56.2	176
97	Ebola virus dynamics in mice treated with favipiravir. <i>Antiviral Research</i> , 2015 , 123, 70-7	10.8	47
96	Research efforts to control highly pathogenic arenaviruses: a summary of the progress and gaps. <i>Journal of Clinical Virology</i> , 2015 , 64, 120-7	14.5	22
95	Zika virus infections imported to Italy: clinical, immunological and virological findings, and public health implications. <i>Journal of Clinical Virology</i> , 2015 , 63, 32-5	14.5	141
94	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	4.9	28
93	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	3.6	29
92	Human Dobrava-Belgrade hantavirus infection, Kosovo. <i>Journal of Clinical Virology</i> , 2014 , 61, 439-41	14.5	1
91	A case of severe Ebola virus infection complicated by gram-negative septicemia. <i>New England Journal of Medicine</i> , 2014 , 371, 2394-401	59.2	224
90	Emergence of Zaire Ebola virus disease in Guinea. <i>New England Journal of Medicine</i> , 2014 , 371, 1418-25	59.2	964
89	Role of the C terminus of Lassa virus L protein in viral mRNA synthesis. <i>Journal of Virology</i> , 2014 , 88, 8718-7	18.7	20
88	Successful treatment of advanced Ebola virus infection with T-705 (favipiravir) in a small animal model. <i>Antiviral Research</i> , 2014 , 105, 17-21	10.8	345
87	Lassa serology in natural populations of rodents and horizontal transmission. <i>Vector-Borne and Zoonotic Diseases</i> , 2014 , 14, 665-74	2.4	33
86	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, 4760-99	6.2	70
85	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	4.8	112
84	Containing a Lassa fever epidemic in a resource-limited setting: outbreak description and lessons learned from Abakaliki, Nigeria (January-March 2012). <i>International Journal of Infectious Diseases</i> , 2013 , 17, e1011-6	10.5	53
83	Hospital-based surveillance for viral hemorrhagic fevers and hepatitides in Ghana. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2435	4.8	17
82	The N terminus of Andes virus L protein suppresses mRNA and protein expression in mammalian cells. <i>Journal of Virology</i> , 2013 , 87, 6975-85	6.6	13

81	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	3.7	35
80	Seroepidemiological study reveals regional co-occurrence of Lassa- and Hantavirus antibodies in Upper Guinea, West Africa. <i>Tropical Medicine and International Health</i> , 2013 , 18, 366-71	2.3	18
79	High diversity of RNA viruses in rodents, Ethiopia. <i>Emerging Infectious Diseases</i> , 2012 , 18, 2047-50	10.2	36
78	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	4.8	97
77	Detection of Usutu virus infection in a healthy blood donor from south-west Germany, 2012. <i>Eurosurveillance</i> , 2012 , 17,	19.8	53
76	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, 1125-31	2.4	34
75	Complete sequence and phylogenetic characterisation of Crimean-Congo hemorrhagic fever virus from Afghanistan. <i>Journal of Clinical Virology</i> , 2011 , 50, 90-2	14.5	33
74	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	10.8	48
73	Domain structure of Lassa virus L protein. <i>Journal of Virology</i> , 2011 , 85, 324-33	6.6	25
72	Current molecular epidemiology of Lassa virus in Nigeria. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 1157-61	6.1	58
71	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, 12518-28	6.6	22
70	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	5.4	40
69	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
68	Novel arenavirus sequences in Hylomyscus sp. and Mus (Nannomys) setulosus from Côte d'Ivoire: implications for evolution of arenaviruses in Africa. <i>PLoS ONE</i> , 2011 , 6, e20893	3.7	64
67	Laboratory diagnosis of Lassa fever, Liberia. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1041-3	10.2	18
66	Improved detection of Lassa virus by reverse transcription-PCR targeting the 5' region of S RNA. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 2009-13	9.7	73
65	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, 1934-44	6.6	47
64	T cell-dependence of Lassa fever pathogenesis. <i>PLoS Pathogens</i> , 2010 , 6, e1000836	7.6	71

63	The N-terminal domain of the arenavirus L protein is an RNA endonuclease essential in mRNA transcription. <i>PLoS Pathogens</i> , 2010 , 6, e1001038	7.6	121
62	Sympatric occurrence of 3 arenaviruses, Tanzania. <i>Emerging Infectious Diseases</i> , 2010 , 16, 692-5	10.2	29
61	Early serodiagnosis of acute human Crimean-Congo hemorrhagic fever virus infections by novel capture assays. <i>Journal of Clinical Virology</i> , 2010 , 48, 294-5	14.5	12
60	New lessons from a case series review of Lassa fever in pregnancy. <i>International Journal of Infectious Diseases</i> , 2010 , 14, e380	10.5	5
59	Mopeia virus-related arenavirus in natal multimammate mice, Morogoro, Tanzania. <i>Emerging Infectious Diseases</i> , 2009 , 15, 2008-12	10.2	47
58	The European network of Biosafety-Level-4 laboratories: enhancing European preparedness for new health threats. <i>Clinical Microbiology and Infection</i> , 2009 , 15, 720-6	9.5	17
57	Co-replication analyses of naturally occurring defective hepatitis B virus variants with wild-type. <i>Virology</i> , 2008 , 372, 247-59	3.6	9
56	Strain-specific antibody response to Lassa virus in the local population of west Africa. <i>Journal of Clinical Virology</i> , 2008 , 42, 40-4	14.5	30
55	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, 10207-17	6.6	36
54	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, 1253-64	2	91
53	Broad-spectrum antiviral activity of small interfering RNA targeting the conserved RNA termini of Lassa virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2215-8	5.9	28
52	Diagnostic reverse-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 Suppl 2, S199-204	7	56
51	Analysis of gene expression in Lassa virus-infected HuH-7 cells. <i>Journal of General Virology</i> , 2007 , 88, 1568-1575	4.9	19
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1	Virus genomes reveal the factors that spread and sustained the West African Ebola epidemic		2