Luis L Rodriguez

List of Publications by Citations

155 papers	4,278 citations	34 h-index	58 g-index
165 ext. papers	5,094 ext. citations	4 avg, IF	5.64 L-index

#	Paper	IF	Citations
155	The Role of Interleukin 6 During Viral Infections. *Frontiers in Microbiology*, **2019**, 10, 1057	5.7	219
154	Vesicular stomatitis. *Veterinary Journal*, **1999**, 157, 239-60	2.5	186
153	Vaccination against foot-and-mouth disease virus confers complete clinical protection in 7 days and partial protection in 4 days: Use in emergency outbreak response. *Vaccine*, **2005**, 23, 5775-82	4.1	130
152	The pathogenesis of foot-and-mouth disease I: viral pathways in cattle. *Transboundary and Emerging Diseases*, **2011**, 58, 291-304	4.2	124
151	Review of the Global Distribution of Foot-and-Mouth Disease Virus from 2007 to 2014. *Transboundary and Emerging Diseases*, **2017**, 64, 316-332	4.2	123
150	Foot and mouth disease virus vaccines. *Vaccine*, **2009**, 27 Suppl 4, D90-4	4.1	121
149	Emergence and re-emergence of vesicular stomatitis in the United States. *Virus Research*, **2002**, 85, 211-9	3.4	120
148	The pathogenesis of foot-and-mouth disease II: viral pathways in swine, small ruminants, and wildlife; myotropism, chronic syndromes, and molecular virus-host interactions. *Transboundary and Emerging Diseases*, **2011**, 58, 305-26	4.2	108
147	The early pathogenesis of foot-and-mouth disease in cattle after aerosol inoculation. Identification of the nasopharynx as the primary site of infection. *Veterinary Pathology*, **2010**, 47, 1048-63	2.8	104
146	Early events in the pathogenesis of foot-and-mouth disease in cattle after controlled aerosol exposure. *Veterinary Journal*, **2010**, 183, 46-53	2.5	102
145	Development of vaccines toward the global control and eradication of foot-and-mouth disease. *Expert Review of Vaccines*, **2011**, 10, 377-87	5.2	98
144	A continuous bovine kidney cell line constitutively expressing bovine αvβ6 integrin has increased susceptibility to foot-and-mouth disease virus. *Journal of Clinical Microbiology*, **2013**, 51, 1714-20	9.7	97
143	Foot-and-mouth disease virus utilizes an autophagic pathway during viral replication. *Virology*, **2011** , 410, 142-50	3.6	86
142	Rearrangement of the genes of vesicular stomatitis virus eliminates clinical disease in the natural host: new strategy for vaccine development. *Journal of Virology*, **2001**, 75, 6107-14	6.6	82
141	The progressive adaptation of a georgian isolate of African swine fever virus to vero cells leads to a gradual attenuation of virulence in swine corresponding to major modifications of the viral genome. *Journal of Virology*, **2015**, 89, 2324-32	6.6	80
140	A55 Foot-and-mouth disease virus undergoes abundant viral genomic changes at distinct stages of infection of cattle. *Virus Evolution*, **2018**, 4,	3.7	78
139	Detection of foot-and-mouth disease virus infected cattle using infrared thermography. *Veterinary Journal*, **2009**, 180, 317-24	2.5	77

138	Global FMD control--is it an option?. *Vaccine*, **2007**, 25, 5660-4	4.1	73
137	The Foot-and-Mouth Disease Carrier State Divergence in Cattle. *Journal of Virology*, **2016**, 90, 6344-64	6.6	61
136	A safe foot-and-mouth disease vaccine platform with two negative markers for differentiating infected from vaccinated animals. *Journal of Virology*, **2012**, 86, 11675-85	6.6	53
135	Interferon induction as a quasispecies marker of vesicular stomatitis virus populations. *Journal of Virology*, **1998**, 72, 542-9	6.6	53
134	A synthetic peptide containing the consensus sequence of the G-H loop region of foot-and-mouth disease virus type-O VP1 and a promiscuous T-helper epitope induces peptide-specific antibodies but fails to protect cattle against viral challenge. *Vaccine*, **2003**, 21, 3751-6	4.1	52
133	Persistent Foot-and-Mouth Disease Virus Infection in the Nasopharynx of Cattle; Tissue-Specific Distribution and Local Cytokine Expression. *PLoS ONE*, **2015**, 10, e0125698	3.7	51
132	Re-emergence of vesicular stomatitis in the western United States is associated with distinct viral genetic lineages. *Virology*, **2000**, 271, 171-81	3.6	47
131	Ecological factors rather than temporal factors dominate the evolution of vesicular stomatitis virus. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 13030-5	11.5	46
130	A partial deletion in non-structural protein 3A can attenuate foot-and-mouth disease virus in cattle. *Virology*, **2013**, 446, 260-7	3.6	45
129	Vesicular stomatitis virus glycoprotein is a determinant of pathogenesis in swine, a natural host. *Journal of Virology*, **2003**, 77, 8039-47	6.6	43
128	The Pathogenesis of Foot-and-Mouth Disease in Pigs. *Frontiers in Veterinary Science*, **2016**, 3, 41	3.1	43
127	Detection of Foot-and-mouth Disease Virus RNA and Capsid Protein in Lymphoid Tissues of Convalescent Pigs Does Not Indicate Existence of a Carrier State. *Transboundary and Emerging Diseases*, **2016**, 63, 152-64	4.2	42
126	Interaction of foot-and-mouth disease virus nonstructural protein 3A with host protein DCTN3 is important for viral virulence in cattle. *Journal of Virology*, **2014**, 88, 2737-47	6.6	41
125	Rapid detection of vesicular stomatitis virus New Jersey serotype in clinical samples by using polymerase chain reaction. *Journal of Clinical Microbiology*, **1993**, 31, 2016-20	9.7	38
124	Full-length genome analysis of natural isolates of vesicular stomatitis virus (Indiana 1 serotype) from North, Central and South America. *Journal of General Virology*, **2002**, 83, 2475-2483	4.9	36
123	Pathogenesis of Primary Foot-and-Mouth Disease Virus Infection in the Nasopharynx of Vaccinated and Non-Vaccinated Cattle. *PLoS ONE*, **2015**, 10, e0143666	3.7	35
122	Direct contact transmission of three different foot-and-mouth disease virus strains in swine demonstrates important strain-specific differences. *Veterinary Journal*, **2012**, 193, 456-63	2.5	34
121	Molecular epidemiology of vesicular stomatitis New Jersey virus from the 2004-2005 US outbreak indicates a common origin with Mexican strains. *Journal of General Virology*, **2007**, 88, 2042-2051	4.9	33

120	Serotype Diversity of Foot-and-Mouth-Disease Virus in Livestock without History of Vaccination in the Far North Region of Cameroon. *Transboundary and Emerging Diseases*, **2016**, 63, e27-38	4.2	33
119	Early adaptive immune responses in the respiratory tract of foot-and-mouth disease virus-infected cattle. *Journal of Virology*, **2013**, 87, 2489-95	6.6	32
118	Optimization of immunohistochemical and fluorescent antibody techniques for localization of Foot-and-mouth disease virus in animal tissues. *Journal of Veterinary Diagnostic Investigation*, **2009**, 21, 779-92	1.5	31
117	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 2 - Epidemiology, Wildlife and Economics. *Transboundary and Emerging Diseases*, **2016**, 63 Suppl 1, 14-29	4.2	31
116	Foot-and-mouth disease virus virulence in cattle is co-determined by viral replication dynamics and route of infection. *Virology*, **2014**, 452-453, 12-22	3.6	30
115	The need for improved vaccines against foot-and-mouth disease. *Current Opinion in Virology*, **2018**, 29, 16-25	7.5	29
114	Early events in the pathogenesis of foot-and-mouth disease in pigs; identification of oropharyngeal tonsils as sites of primary and sustained viral replication. *PLoS ONE*, **2014**, 9, e106859	3.7	28
113	Serological monitoring of vesicular stomatitis New Jersey virus in enzootic regions of Costa Rica. *American Journal of Tropical Medicine and Hygiene*, **1990**, 42, 272-81	3.2	28
112	The region between the two polyprotein initiation codons of foot-and-mouth disease virus is critical for virulence in cattle. *Virology*, **2010**, 396, 152-9	3.6	27
111	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 3 - Vaccines. *Transboundary and Emerging Diseases*, **2016**, 63 Suppl 1, 30-41	4.2	27
110	Infection dynamics of foot-and-mouth disease virus in pigs using two novel simulated-natural inoculation methods. *Research in Veterinary Science*, **2014**, 96, 396-405	2.5	26
109	Role of arginine-56 within the structural protein VP3 of foot-and-mouth disease virus (FMDV) O1 Campos in virus virulence. *Virology*, **2012**, 422, 37-45	3.6	26
108	Spatial and phylogenetic analysis of vesicular stomatitis virus over-wintering in the United States. *Preventive Veterinary Medicine*, **2010**, 93, 258-64	3.1	26
107	Vesicular stomatitis New Jersey virus RNA persists in cattle following convalescence. *Virology*, **1996** , 219, 480-4	3.6	26
106	Oncolytic Recombinant Vesicular Stomatitis Virus (VSV) Is Nonpathogenic and Nontransmissible in Pigs, a Natural Host of VSV. *Human Gene Therapy Clinical Development*, **2017**, 28, 108-115	3.2	25
105	Lack of Transmission of Foot-and-Mouth Disease Virus From Persistently Infected Cattle to Naïve Cattle Under Field Conditions in Vietnam. *Frontiers in Veterinary Science*, **2018**, 5, 174	3.1	24
104	A Universal Next-Generation Sequencing Protocol To Generate Noninfectious Barcoded cDNA Libraries from High-Containment RNA Viruses. *MSystems*, **2016**, 1,	7.6	23
103	Field evaluation of a multiplex real-time reverse transcription polymerase chain reaction assay for detection of Vesicular stomatitis virus. *Journal of Veterinary Diagnostic Investigation*, **2009**, 21, 179-86	1.5	23

102	Domain disruptions of individual 3B proteins of foot-and-mouth disease virus do not alter growth in cell culture or virulence in cattle. *Virology*, **2010**, 405, 149-56	3.6	23
101	First detection of foot-and-mouth disease virus O/Ind-2001d in Vietnam. *PLoS ONE*, **2017**, 12, e0177361	3.7	23
100	Characterization of naturally occurring, new and persistent subclinical foot-and-mouth disease virus infection in vaccinated Asian buffalo in Islamabad Capital Territory, Pakistan. *Transboundary and Emerging Diseases*, **2018**, 65, 1836-1850	4.2	22
99	Epidemiological analysis, serological prevalence and genotypic analysis of foot-and-mouth disease in Nigeria 2008-2009. *Transboundary and Emerging Diseases*, **2014**, 61, 500-10	4.2	22
98	An Integrated View of Complex Landscapes: A Big Data-Model Integration Approach to Transdisciplinary Science. *BioScience*, **2018**, 68, 653-669	5.7	22
97	Vesicular stomatitis New Jersey virus (VSNJV) infects keratinocytes and is restricted to lesion sites and local lymph nodes in the bovine, a natural host. *Veterinary Research*, **2007**, 38, 375-90	3.8	20
96	Systemic immune response and virus persistence after foot-and-mouth disease virus infection of naïve cattle and cattle vaccinated with a homologous adenovirus-vectored vaccine. *BMC Veterinary Research*, **2016**, 12, 205	2.7	20
95	Phylodynamics of foot-and-mouth disease virus O/PanAsia in Vietnam 2010-2014. *Veterinary Research*, **2017**, 48, 24	3.8	19
94	A traditional evolutionary history of foot-and-mouth disease viruses in Southeast Asia challenged by analyses of non-structural protein coding sequences. *Scientific Reports*, **2018**, 8, 6472	4.9	19
93	Pathogenesis of virulent and attenuated foot-and-mouth disease virus in cattle. *Virology Journal*, **2017**, 14, 89	6.1	19
92	Quantitative characteristics of the foot-and-mouth disease carrier state under natural conditions in India. *Transboundary and Emerging Diseases*, **2018**, 65, 253-260	4.2	18
91	Phylogeographic characteristics of vesicular stomatitis New Jersey viruses circulating in Mexico from 2005 to 2011 and their relationship to epidemics in the United States. *Virology*, **2014**, 449, 17-24	3.6	18
90	Clearance of a persistent picornavirus infection is associated with enhanced pro-apoptotic and cellular immune responses. *Scientific Reports*, **2017**, 7, 17800	4.9	18
89	Characterization of the full-length genomic sequences of vesicular stomatitis Cocal and Alagoas viruses. *Archives of Virology*, **2008**, 153, 1353-7	2.6	18
88	Vesicular stomatitis New Jersey virus glycoprotein gene sequence and neutralizing epitope stability in an enzootic focus. *Virology*, **1990**, 177, 209-15	3.6	18
87	Mechanisms of foot-and-mouth disease virus tropism inferred from differential tissue gene expression. *PLoS ONE*, **2013**, 8, e64119	3.7	18
86	Transcriptomic Analysis of Persistent Infection with Foot-and-Mouth Disease Virus in Cattle Suggests Impairment of Apoptosis and Cell-Mediated Immunity in the Nasopharynx. *PLoS ONE*, **2016**, 11, e0162750	3.7	18
85	Increased Virulence of an Epidemic Strain of Vesicular Stomatitis Virus Is Associated With Interference of the Innate Response in Pigs. *Frontiers in Microbiology*, **2018**, 9, 1891	5.7	18

84	Serological survey of small mammals in a vesicular stomatitis virus enzootic area. *Journal of Wildlife Diseases*, **1996**, 32, 274-9	1.3	17
83	Genetic and antigenic relationships of vesicular stomatitis viruses from South America. *Archives of Virology*, **2011**, 156, 1961-8	2.6	16
82	Experimental transmission of vesicular stomatitis New Jersey virus from Simulium vittatum to cattle: clinical outcome is influenced by site of insect feeding. *Journal of Medical Entomology*, **2009**, 46, 866-72	2.2	16
81	Recoding structural glycoprotein E2 in classical swine fever virus (CSFV) produces complete virus attenuation in swine and protects infected animals against disease. *Virology*, **2016**, 494, 178-89	3.6	16
80	Disinfection of transboundary animal disease viruses on surfaces used in pork packing plants. *Veterinary Microbiology*, **2018**, 219, 219-225	3.3	16
79	Development of a reverse transcription loop-mediated isothermal amplification assay for the detection of vesicular stomatitis New Jersey virus: Use of rapid molecular assays to differentiate between vesicular disease viruses. *Journal of Virological Methods*, **2016**, 234, 123-31	2.6	15
78	Transmission of Foot-and-Mouth Disease Virus during the Incubation Period in Pigs. *Frontiers in Veterinary Science*, **2016**, 3, 105	3.1	15
77	Infection Dynamics of Foot-and-Mouth Disease Virus in Cattle Following Intranasopharyngeal Inoculation or Contact Exposure. *Journal of Comparative Pathology*, **2016**, 155, 314-325	1	15
76	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 4 - Diagnostics. *Transboundary and Emerging Diseases*, **2016**, 63 Suppl 1, 42-8	4.2	15
75	Clinical and virological dynamics of a serotype O 2010 South East Asia lineage foot-and-mouth disease virus in sheep using natural and simulated natural inoculation and exposure systems. *Veterinary Microbiology*, **2015**, 178, 50-60	3.3	14
74	A partial deletion within foot-and-mouth disease virus non-structural protein 3A causes clinical attenuation in cattle but does not prevent subclinical infection. *Virology*, **2018**, 516, 115-126	3.6	14
73	Early Detection of Foot-And-Mouth Disease Virus from Infected Cattle Using A Dry Filter Air Sampling System. *Transboundary and Emerging Diseases*, **2017**, 64, 564-573	4.2	13
72	Recombinant human adenovirus-5 expressing capsid proteins of Indian vaccine strains of foot-and-mouth disease virus elicits effective antibody response in cattle. *Veterinary Microbiology*, **2017**, 203, 196-201	3.3	13
71	The evolution of a super-swarm of foot-and-mouth disease virus in cattle. *PLoS ONE*, **2019**, 14, e0210847	3.7	13
70	Morphologic and phenotypic characteristics of myocarditis in two pigs infected by foot-and mouth disease virus strains of serotypes O or A. *Acta Veterinaria Scandinavica*, **2014**, 56, 42	2	13
69	Foot-and-Mouth Disease Virus-Associated Abortion and Vertical Transmission following Acute Infection in Cattle under Natural Conditions. *PLoS ONE*, **2016**, 11, e0167163	3.7	13
68	Towards a Sustainable One Health Approach to Crimean-Congo Hemorrhagic Fever Prevention: Focus Areas and Gaps in Knowledge. *Tropical Medicine and Infectious Disease*, **2020**, 5,	3.5	13
67	Evaluation of Infectivity, Virulence and Transmission of FDMV Field Strains of Serotypes O and A Isolated In 2010 from Outbreaks in the Republic of Korea. *PLoS ONE*, **2016**, 11, e0146445	3.7	13

66	Selective Factors Associated with the Evolution of Codon Usage in Natural Populations of Arboviruses. *PLoS ONE*, **2016**, 11, e0159943	3.7	13
65	Introduction of tag epitopes in the inter-AUG region of foot and mouth disease virus: effect on the L protein. *Virus Research*, **2011**, 155, 91-7	6.4	12
64	Factors associated with within-herd transmission of serotype A foot-and-mouth disease virus in cattle, during the 2001 outbreak in Argentina: a protective effect of vaccination. *Transboundary and Emerging Diseases*, **2011**, 58, 387-93	4.2	12
63	Molecular characterization of a foot-and-mouth disease virus containing a 57-nucleotide insertion in the 3Rntranslated region. *Archives of Virology*, **2009**, 154, 671-6	2.6	12
62	Growth and molecular evolution of vesicular stomatitis serotype New Jersey in cells derived from its natural insect-host: evidence for natural adaptation. *Virus Research*, **2002**, 89, 65-73	6.4	12
61	Management Strategies for Reducing the Risk of Equines Contracting Vesicular Stomatitis Virus (VSV) in the Western United States. *Journal of Equine Veterinary Science*, **2020**, 90, 103026	1.2	12
60	Serological and phylogenetic characterization of foot and mouth disease viruses from Uganda during cross-sectional surveillance study in cattle between 2014 and 2017. *Transboundary and Emerging Diseases*, **2019**, 66, 2011-2024	4.2	11
59	Effect of vaccination on cattle subclinically infected with foot-and-mouth disease virus in Cameroon. *Preventive Veterinary Medicine*, **2018**, 155, 1-10	3.1	11
58	Recombinant vesicular stomatitis (Indiana) virus expressing New Jersey and Indiana glycoproteins induces neutralizing antibodies to each serotype in swine, a natural host. *Vaccine*, **2004**, 22, 4035-43	4.1	11
57	Big data□model integration and AI for vector-borne disease prediction. *Ecosphere*, **2020**, 11, e03157	3.1	11
56	Foot-and-mouth disease virus transmission dynamics and persistence in a herd of vaccinated dairy cattle in India. *Transboundary and Emerging Diseases*, **2018**, 65, e404-e415	4.2	11
55	Genetic and antigenic variation of foot-and-mouth disease virus during persistent infection in naturally infected cattle and Asian buffalo in India. *PLoS ONE*, **2019**, 14, e0214832	3.7	10
54	Systemic Foot-and-Mouth Disease Vaccination in Cattle Promotes Specific Antibody-Secreting Cells at the Respiratory Tract and Triggers Local Anamnestic Responses upon Aerosol Infection. *Journal of Virology*, **2015**, 89, 9581-90	6.6	10
53	Spatial distribution and risk factors for foot and mouth disease virus in Uganda: Opportunities for strategic surveillance. *Preventive Veterinary Medicine*, **2019**, 171, 104766	3.1	10
52	Characterization of a chimeric foot-and-mouth disease virus bearing a bovine rhinitis B virus leader proteinase. *Virology*, **2013**, 447, 172-80	3.6	10
51	Expression of porcine fusion protein IRF7/3(5D) efficiently controls foot-and-mouth disease virus replication. *Journal of Virology*, **2014**, 88, 11140-53	6.6	10
50	Full-length genome analysis of vesicular stomatitis New Jersey virus strains representing the phylogenetic and geographic diversity of the virus. *Archives of Virology*, **2012**, 157, 2247-51	2.6	10
49	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 6 - Immunology. *Transboundary and Emerging Diseases*, **2016**, 63 Suppl 1, 56-62	4.2	10

48	Genome Sequence of Foot-and-Mouth Disease Virus Serotype O Lineage Ind-2001d Collected in Vietnam in 2015. *Genome Announcements*, **2017**, 5,		9
47	Dynamics of widespread foot-and-mouth disease virus serotypes A, O and Asia-1 in southern Asia: A Bayesian phylogenetic perspective. *Transboundary and Emerging Diseases*, **2018**, 65, 696-710	4.2	9
46	Foot-and-mouth disease virus serotype O phylodynamics: genetic variability associated with epidemiological factors in Pakistan. *Transboundary and Emerging Diseases*, **2013**, 60, 516-24	4.2	9
45	Constitutively Active IRF7/IRF3 Fusion Protein Completely Protects Swine against Foot-and-Mouth Disease. *Journal of Virology*, **2016**, 90, 8809-21	6.6	9
44	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 7 - Pathogenesis and Molecular Biology. *Transboundary and Emerging Diseases*, **2016**, 63 Suppl 1, 63-71	4.2	9
43	Genetic diversity and comparison of diagnostic tests for characterization of foot-and-mouth disease virus strains from Pakistan 2008-2012. *Transboundary and Emerging Diseases*, **2018**, 65, 534-546	4.2	8
42	Contributions of Hydrology to Vesicular Stomatitis Virus Emergence in the Western USA. *Ecosystems*, **2019**, 22, 416-433	3.9	8
41	Molecular Epidemiology of Foot-and-Mouth Disease Virus in the Context of Transboundary Animal Movement in the Far North Region of Cameroon. *Frontiers in Veterinary Science*, **2018**, 5, 320	3.1	8
40	Complete Genome Sequences of Two Vesicular Stomatitis New Jersey Viruses Representing the 2012 U.S. Epidemic Strain and Its Closest Relative Endemic Strain from Southern Mexico. *Genome Announcements*, **2018**, 6,		7
39	Genetic stability of foot-and-mouth disease virus during long-term infections in natural hosts. *PLoS ONE*, **2018**, 13, e0190977	3.7	7
38	Domestic cattle as a non-conventional amplifying host of vesicular stomatitis New Jersey virus. *Medical and Veterinary Entomology*, **2011**, 25, 184-91	2.4	6
37	Foot-and-Mouth Disease Infection Dynamics in Contact-Exposed Pigs Are Determined by the Estimated Exposure Dose. *Frontiers in Veterinary Science*, **2018**, 5, 167	3.1	5
36	Novel Foot-and-Mouth Disease Vaccine Platform: Formulations for Safe and DIVA-Compatible FMD Vaccines With Improved Potency. *Frontiers in Veterinary Science*, **2020**, 7, 554305	3.1	5
35	Identical Viral Genetic Sequence Found in Black Flies ([illegible]) and the Equine Index Case of the 2006 U.S. Vesicular Stomatitis Outbreak. *Pathogens*, **2021**, 10,	4.5	5
34	Novel 6xHis tagged foot-and-mouth disease virus vaccine bound to nanolipoprotein adjuvant via metal ions provides antigenic distinction and effective protective immunity. *Virology*, **2016**, 495, 136-47	3.6	5
33	A Single Amino Acid Substitution in the Matrix Protein (M51R) of Vesicular Stomatitis New Jersey Virus Impairs Replication in Cultured Porcine Macrophages and Results in Significant Attenuation in Pigs. *Frontiers in Microbiology*, **2020**, 11, 1123	5.7	4
32	Foot-and-Mouth Disease Virus Lacking the Leader Protein and Containing Two Negative DIVA Markers (FMDV LL3B3D A) Is Highly Attenuated in Pigs. *Pathogens*, **2020**, 9,	4.5	4
31	A colorimetric bioassay for high-throughput and cost-effectively assessing anti-foot-and-mouth disease virus activity. *Veterinary Immunology and Immunopathology*, **2015**, 164, 74-8	2	4

30	Site-specific substitution (Q172R) in the VP1 protein of FMDV isolates collected from asymptomatic carrier ruminants in Vietnam. *Virology Reports*, **2016**, 6, 90-96		4
29	Characterization of the temporal and spatial distribution and reproductive ratio of vesicular stomatitis outbreaks in Mexico in 2008. *American Journal of Veterinary Research*, **2011**, 72, 233-8	1.1	3
28	Seroprevalence of foot-and-mouth disease in large ruminants in periurban dairy farms near Islamabad, Pakistan. *Asian Biomedicine*, **2017**, 10, 123-127	0.4	3
27	Phylogeographic analysis of foot-and-mouth disease virus serotype O dispersal and associated drivers in East Africa. *Molecular Ecology*, **2021**, 30, 3815-3825	5.7	3
26	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep. *PLoS ONE*, **2019**, 14, e0227061	3.7	3
25	Validation of a site-specific recombination cloning technique for the rapid development of a full-length cDNA clone of a virulent field strain of vesicular stomatitis New Jersey virus. *Journal of Virological Methods*, **2019**, 265, 113-116	2.6	3
24	Mechanisms of Maintenance of Foot-and-Mouth Disease Virus Persistence Inferred From Genes Differentially Expressed in Nasopharyngeal Epithelia of Virus Carriers and Non-carriers. *Frontiers in Veterinary Science*, **2020**, 7, 340	3.1	2
23	Evidence of subclinical foot-and-mouth disease virus infection in young calves born from clinically recovered cow under natural condition. *Tropical Animal Health and Production*, **2018**, 50, 1167-1170	1.7	2
22	Depletion of elongation initiation factor 4E binding proteins by CRISPR/Cas9 enhances the antiviral response in porcine cells. *Antiviral Research*, **2016**, 125, 8-13	10.8	2
21	Genome Sequences of Seven Foot-and-Mouth Disease Virus Isolates Collected from Serial Samples from One Persistently Infected Carrier Cow in Vietnam. *Genome Announcements*, **2017**, 5,		2
20	Complete Genome Sequences of Two Vesicular Stomatitis Virus Isolates Collected in Mexico. *Genome Announcements*, **2017**, 5,		2
19	Immunobiology of Crimean-Congo hemorrhagic fever.. *Antiviral Research*, **2022**, 105244	10.8	2
18	Evolution and expansion dynamics of a vector-borne virus: 2004–2006 vesicular stomatitis outbreak in the western USA. *Ecosphere*, **2021**, 12, e03793	3.1	2
17	Surveillance along the Rio Grande during the 2020 Vesicular Stomatitis Outbreak Reveals Spatio-Temporal Dynamics of and Viral RNA Detection in Black Flies. *Pathogens*, **2021**, 10,	4.5	2
16	A novel bovine CXCL15 gene in the GRO chemokine gene cluster. *Veterinary Immunology and Immunopathology*, **2020**, 220, 109990	2	2
15	Complete Genome Sequence of a Representative New Jersey Vesiculovirus Strain, NJ03CPB, from a Region of Endemicity in Southern Mexico. *Microbiology Resource Announcements*, **2019**, 8,	1.3	1
14	Virus-resistant pigs might help to stem next outbreak. *ELife*, **2015**, 4, e09790	8.9	1
13	An adventitious agent-free clonal cell line that is highly susceptible to foot -and-mouth disease virus. *Biologicals*, **2021**, 72, 33-41	1.8	1

12	Predicting the Geographic Range of an Invasive Livestock Disease across the Contiguous USA under Current and Future Climate Conditions. *Climate*, **2021**, 9, 159	3.1	0
11	Multiple Genome Sequences of Foot-and-Mouth Disease Virus Asia-1 Lineage Sindh-08 from Outbreaks in Pakistan, 2011 to 2012.. *Microbiology Resource Announcements*, **2022**, e0031222	1.3	0
10	Comparison of Endemic and Epidemic Vesicular Stomatitis Virus Lineages in Culicoides sonorensis Midges. *Viruses*, **2022**, 14, 1221	6.2	0
9	Foot-and-Mouth Disease **2014**, 397-410		
8	A Multiplex Real-Time Reverse Transcription Polymerase Chain Reaction Assay With Enhanced Capacity to Detect Vesicular Stomatitis Viral Lineages of Central American Origin.. *Frontiers in Veterinary Science*, **2021**, 8, 783198	3.1	
7	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep **2019**, 14, e0227061		
6	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep **2019**, 14, e0227061		
5	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep **2019**, 14, e0227061		
4	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep **2019**, 14, e0227061		
3	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep **2019**, 14, e0227061		
2	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep **2019**, 14, e0227061		
1	Ecological and Anthropogenic Spatial Gradients Shape Patterns of Dispersal of Foot-and-Mouth Disease Virus in Uganda. *Pathogens*, **2022**, 11, 524	4.5	