

Luis L Rodriguez

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.

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	Immunobiology of Crimean-Congo hemorrhagic fever.. <i>Antiviral Research</i> , 2022 , 105244	10.8	2
154	Ecological and Anthropogenic Spatial Gradients Shape Patterns of Dispersal of Foot-and-Mouth Disease Virus in Uganda. <i>Pathogens</i> , 2022 , 11, 524	4.5	
153	Multiple Genome Sequences of Foot-and-Mouth Disease Virus Asia-1 Lineage Sindh-08 from Outbreaks in Pakistan, 2011 to 2012.. <i>Microbiology Resource Announcements</i> , 2022 , e0031222	1.3	0
152	Comparison of Endemic and Epidemic Vesicular Stomatitis Virus Lineages in <i>Culicoides sonorensis</i> Midges. <i>Viruses</i> , 2022 , 14, 1221	6.2	0
151	Evolution and expansion dynamics of a vector-borne virus: 2004–2006 vesicular stomatitis outbreak in the western USA. <i>Ecosphere</i> , 2021 , 12, e03793	3.1	2
150	Surveillance along the Rio Grande during the 2020 Vesicular Stomatitis Outbreak Reveals Spatio-Temporal Dynamics of and Viral RNA Detection in Black Flies. <i>Pathogens</i> , 2021 , 10,	4.5	2
149	Predicting the Geographic Range of an Invasive Livestock Disease across the Contiguous USA under Current and Future Climate Conditions. <i>Climate</i> , 2021 , 9, 159	3.1	0
148	Phylogeographic analysis of foot-and-mouth disease virus serotype O dispersal and associated drivers in East Africa. <i>Molecular Ecology</i> , 2021 , 30, 3815-3825	5.7	3
147	Identical Viral Genetic Sequence Found in Black Flies (<i>C.</i>) and the Equine Index Case of the 2006 U.S. Vesicular Stomatitis Outbreak. <i>Pathogens</i> , 2021 , 10,	4.5	5
146	An adventitious agent-free clonal cell line that is highly susceptible to foot -and-mouth disease virus. <i>Biologicals</i> , 2021 , 72, 33-41	1.8	1
145	A Multiplex Real-Time Reverse Transcription Polymerase Chain Reaction Assay With Enhanced Capacity to Detect Vesicular Stomatitis Viral Lineages of Central American Origin.. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 783198	3.1	
144	Mechanisms of Maintenance of Foot-and-Mouth Disease Virus Persistence Inferred From Genes Differentially Expressed in Nasopharyngeal Epithelia of Virus Carriers and Non-carriers. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 340	3.1	2
143	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. <i>Frontiers in Microbiology</i> , 2020 , 11, 1123	5.7	4
142	Foot-and-Mouth Disease Virus Lacking the Leader Protein and Containing Two Negative DIVA Markers (FMDV LL3B3D A) Is Highly Attenuated in Pigs. <i>Pathogens</i> , 2020 , 9,	4.5	4
141	A novel bovine CXCL15 gene in the GRO chemokine gene cluster. <i>Veterinary Immunology and Immunopathology</i> , 2020 , 220, 109990	2	2
140	Novel Foot-and-Mouth Disease Vaccine Platform: Formulations for Safe and DIVA-Compatible FMD Vaccines With Improved Potency. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 554305	3.1	5
139	Big data–model integration and AI for vector-borne disease prediction. <i>Ecosphere</i> , 2020 , 11, e03157	3.1	11

138	Towards a Sustainable One Health Approach to Crimean-Congo Hemorrhagic Fever Prevention: Focus Areas and Gaps in Knowledge. <i>Tropical Medicine and Infectious Disease</i> , 2020 , 5,	3.5	13
137	Management Strategies for Reducing the Risk of Equines Contracting Vesicular Stomatitis Virus (VSV) in the Western United States. <i>Journal of Equine Veterinary Science</i> , 2020 , 90, 103026	1.2	12
136	Serological and phylogenetic characterization of foot and mouth disease viruses from Uganda during cross-sectional surveillance study in cattle between 2014 and 2017. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 2011-2024	4.2	11
135	Genetic and antigenic variation of foot-and-mouth disease virus during persistent infection in naturally infected cattle and Asian buffalo in India. <i>PLoS ONE</i> , 2019 , 14, e0214832	3.7	10
134	The Role of Interleukin 6 During Viral Infections. <i>Frontiers in Microbiology</i> , 2019 , 10, 1057	5.7	219
133	The evolution of a super-swarm of foot-and-mouth disease virus in cattle. <i>PLoS ONE</i> , 2019 , 14, e0210847	3.7	13
132	Complete Genome Sequence of a Representative New Jersey Vesiculovirus Strain, NJ03CPB, from a Region of Endemicity in Southern Mexico. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	1
131	Spatial distribution and risk factors for foot and mouth disease virus in Uganda: Opportunities for strategic surveillance. <i>Preventive Veterinary Medicine</i> , 2019 , 171, 104766	3.1	10
130	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep. <i>PLoS ONE</i> , 2019 , 14, e0227061	3.7	3
129	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. <i>Journal of Virological Methods</i> , 2019 , 265, 113-116	2.6	3
128	Contributions of Hydrology to Vesicular Stomatitis Virus Emergence in the Western USA. <i>Ecosystems</i> , 2019 , 22, 416-433	3.9	8
127	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep 2019 , 14, e0227061		
126	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep 2019 , 14, e0227061		
125	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep 2019 , 14, e0227061		
124	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep 2019 , 14, e0227061		
123	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep 2019 , 14, e0227061		
122	Virulence beneath the fleece; a tale of foot-and-mouth disease virus pathogenesis in sheep 2019 , 14, e0227061		
121	Effect of vaccination on cattle subclinically infected with foot-and-mouth disease virus in Cameroon. <i>Preventive Veterinary Medicine</i> , 2018 , 155, 1-10	3.1	11

120	Evidence of subclinical foot-and-mouth disease virus infection in young calves born from clinically recovered cow under natural condition. <i>Tropical Animal Health and Production</i> , 2018 , 50, 1167-1170	1.7	2
119	A partial deletion within foot-and-mouth disease virus non-structural protein 3A causes clinical attenuation in cattle but does not prevent subclinical infection. <i>Virology</i> , 2018 , 516, 115-126	3.6	14
118	Dynamics of widespread foot-and-mouth disease virus serotypes A, O and Asia-1 in southern Asia: A Bayesian phylogenetic perspective. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 696-710	4.2	9
117	A traditional evolutionary history of foot-and-mouth disease viruses in Southeast Asia challenged by analyses of non-structural protein coding sequences. <i>Scientific Reports</i> , 2018 , 8, 6472	4.9	19
116	The need for improved vaccines against foot-and-mouth disease. <i>Current Opinion in Virology</i> , 2018 , 29, 16-25	7.5	29
115	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. <i>Genome Announcements</i> , 2018 , 6,		7
114	Quantitative characteristics of the foot-and-mouth disease carrier state under natural conditions in India. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 253-260	4.2	18
113	Genetic diversity and comparison of diagnostic tests for characterization of foot-and-mouth disease virus strains from Pakistan 2008-2012. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 534-546	4.2	8
112	Foot-and-Mouth Disease Infection Dynamics in Contact-Exposed Pigs Are Determined by the Estimated Exposure Dose. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 167	3.1	5
111	Characterization of naturally occurring, new and persistent subclinical foot-and-mouth disease virus infection in vaccinated Asian buffalo in Islamabad Capital Territory, Pakistan. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 1836-1850	4.2	22
110	A55 Foot-and-mouth disease virus undergoes abundant viral genomic changes at distinct stages of infection of cattle. <i>Virus Evolution</i> , 2018 , 4,	3.7	78
109	Genetic stability of foot-and-mouth disease virus during long-term infections in natural hosts. <i>PLoS ONE</i> , 2018 , 13, e0190977	3.7	7
108	Foot-and-mouth disease virus transmission dynamics and persistence in a herd of vaccinated dairy cattle in India. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, e404-e415	4.2	11
107	Molecular Epidemiology of Foot-and-Mouth Disease Virus in the Context of Transboundary Animal Movement in the Far North Region of Cameroon. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 320	3.1	8
106	An Integrated View of Complex Landscapes: A Big Data-Model Integration Approach to Transdisciplinary Science. <i>BioScience</i> , 2018 , 68, 653-669	5.7	22
105	Lack of Transmission of Foot-and-Mouth Disease Virus From Persistently Infected Cattle to Naïve Cattle Under Field Conditions in Vietnam. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 174	3.1	24
104	Increased Virulence of an Epidemic Strain of Vesicular Stomatitis Virus Is Associated With Interference of the Innate Response in Pigs. <i>Frontiers in Microbiology</i> , 2018 , 9, 1891	5.7	18
103	Disinfection of transboundary animal disease viruses on surfaces used in pork packing plants. <i>Veterinary Microbiology</i> , 2018 , 219, 219-225	3.3	16

102	Review of the Global Distribution of Foot-and-Mouth Disease Virus from 2007 to 2014. <i>Transboundary and Emerging Diseases</i> , 2017 , 64, 316-332	4.2	123
101	Early Detection of Foot-And-Mouth Disease Virus from Infected Cattle Using A Dry Filter Air Sampling System. <i>Transboundary and Emerging Diseases</i> , 2017 , 64, 564-573	4.2	13
100	Genome Sequence of Foot-and-Mouth Disease Virus Serotype O Lineage Ind-2001d Collected in Vietnam in 2015. <i>Genome Announcements</i> , 2017 , 5,		9
99	Oncolytic Recombinant Vesicular Stomatitis Virus (VSV) Is Nonpathogenic and Nontransmissible in Pigs, a Natural Host of VSV. <i>Human Gene Therapy Clinical Development</i> , 2017 , 28, 108-115	3.2	25
98	Phylogenetics of foot-and-mouth disease virus O/PanAsia in Vietnam 2010-2014. <i>Veterinary Research</i> , 2017 , 48, 24	3.8	19
97	Recombinant human adenovirus-5 expressing capsid proteins of Indian vaccine strains of foot-and-mouth disease virus elicits effective antibody response in cattle. <i>Veterinary Microbiology</i> , 2017 , 203, 196-201	3.3	13
96	Genome Sequences of Seven Foot-and-Mouth Disease Virus Isolates Collected from Serial Samples from One Persistently Infected Carrier Cow in Vietnam. <i>Genome Announcements</i> , 2017 , 5,		2
95	Complete Genome Sequences of Two Vesicular Stomatitis Virus Isolates Collected in Mexico. <i>Genome Announcements</i> , 2017 , 5,		2
94	Pathogenesis of virulent and attenuated foot-and-mouth disease virus in cattle. <i>Virology Journal</i> , 2017 , 14, 89	6.1	19
93	Clearance of a persistent picornavirus infection is associated with enhanced pro-apoptotic and cellular immune responses. <i>Scientific Reports</i> , 2017 , 7, 17800	4.9	18
92	First detection of foot-and-mouth disease virus O/Ind-2001d in Vietnam. <i>PLoS ONE</i> , 2017 , 12, e0177361	3.7	23
91	Seroprevalence of foot-and-mouth disease in large ruminants in periurban dairy farms near Islamabad, Pakistan. <i>Asian Biomedicine</i> , 2017 , 10, 123-127	0.4	3
90	A Universal Next-Generation Sequencing Protocol To Generate Noninfectious Barcoded cDNA Libraries from High-Containment RNA Viruses. <i>MSystems</i> , 2016 , 1,	7.6	23
89	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. <i>Journal of Virological Methods</i> , 2016 , 234, 123-31	2.6	15
88	Depletion of elongation initiation factor 4E binding proteins by CRISPR/Cas9 enhances the antiviral response in porcine cells. <i>Antiviral Research</i> , 2016 , 125, 8-13	10.8	2
87	Transcriptomic Analysis of Persistent Infection with Foot-and-Mouth Disease Virus in Cattle Suggests Impairment of Apoptosis and Cell-Mediated Immunity in the Nasopharynx. <i>PLoS ONE</i> , 2016 , 11, e0162750	3.7	18
86	Foot-and-Mouth Disease Virus-Associated Abortion and Vertical Transmission following Acute Infection in Cattle under Natural Conditions. <i>PLoS ONE</i> , 2016 , 11, e0167163	3.7	13
85	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. <i>PLoS ONE</i> , 2016 , 11, e0146445	3.7	13

84	Selective Factors Associated with the Evolution of Codon Usage in Natural Populations of Arboviruses. <i>PLoS ONE</i> , 2016 , 11, e0159943	3.7	13
83	The Pathogenesis of Foot-and-Mouth Disease in Pigs. <i>Frontiers in Veterinary Science</i> , 2016 , 3, 41	3.1	43
82	Transmission of Foot-and-Mouth Disease Virus during the Incubation Period in Pigs. <i>Frontiers in Veterinary Science</i> , 2016 , 3, 105	3.1	15
81	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. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, 152-64	4.2	42
80	Site-specific substitution (Q172R) in the VP1 protein of FMDV isolates collected from asymptomatic carrier ruminants in Vietnam. <i>Virology Reports</i> , 2016 , 6, 90-96		4
79	Novel 6xHis tagged foot-and-mouth disease virus vaccine bound to nanolipoprotein adjuvant via metal ions provides antigenic distinction and effective protective immunity. <i>Virology</i> , 2016 , 495, 136-47	3.6	5
78	The Foot-and-Mouth Disease Carrier State Divergence in Cattle. <i>Journal of Virology</i> , 2016 , 90, 6344-64	6.6	61
77	Recoding structural glycoprotein E2 in classical swine fever virus (CSFV) produces complete virus attenuation in swine and protects infected animals against disease. <i>Virology</i> , 2016 , 494, 178-89	3.6	16
76	Constitutively Active IRF7/IRF3 Fusion Protein Completely Protects Swine against Foot-and-Mouth Disease. <i>Journal of Virology</i> , 2016 , 90, 8809-21	6.6	9
75	Infection Dynamics of Foot-and-Mouth Disease Virus in Cattle Following Intranasopharyngeal Inoculation or Contact Exposure. <i>Journal of Comparative Pathology</i> , 2016 , 155, 314-325	1	15
74	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. <i>BMC Veterinary Research</i> , 2016 , 12, 205	2.7	20
73	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 3 - Vaccines. <i>Transboundary and Emerging Diseases</i> , 2016 , 63 Suppl 1, 30-41	4.2	27
72	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 6 - Immunology. <i>Transboundary and Emerging Diseases</i> , 2016 , 63 Suppl 1, 56-62	4.2	10
71	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 7 - Pathogenesis and Molecular Biology. <i>Transboundary and Emerging Diseases</i> , 2016 , 63 Suppl 1, 63-71	4.2	9
70	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 2 - Epidemiology, Wildlife and Economics. <i>Transboundary and Emerging Diseases</i> , 2016 , 63 Suppl 1, 14-29	4.2	31
69	Global Foot-and-Mouth Disease Research Update and Gap Analysis: 4 - Diagnostics. <i>Transboundary and Emerging Diseases</i> , 2016 , 63 Suppl 1, 42-8	4.2	15
68	Serotype Diversity of Foot-and-Mouth-Disease Virus in Livestock without History of Vaccination in the Far North Region of Cameroon. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, e27-38	4.2	33
67	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. <i>Veterinary Microbiology</i> , 2015 , 178, 50-60	3.3	14

66	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. <i>Journal of Virology</i> , 2015 , 89, 9581-90	6.6	10
65	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. <i>Journal of Virology</i> , 2015 , 89, 2324-32	6.6	80
64	Pathogenesis of Primary Foot-and-Mouth Disease Virus Infection in the Nasopharynx of Vaccinated and Non-Vaccinated Cattle. <i>PLoS ONE</i> , 2015 , 10, e0143666	3.7	35
63	A colorimetric bioassay for high-throughput and cost-effectively assessing anti-foot-and-mouth disease virus activity. <i>Veterinary Immunology and Immunopathology</i> , 2015 , 164, 74-8	2	4
62	Persistent Foot-and-Mouth Disease Virus Infection in the Nasopharynx of Cattle; Tissue-Specific Distribution and Local Cytokine Expression. <i>PLoS ONE</i> , 2015 , 10, e0125698	3.7	51
61	Virus-resistant pigs might help to stem next outbreak. <i>ELife</i> , 2015 , 4, e09790	8.9	1
60	Interaction of foot-and-mouth disease virus nonstructural protein 3A with host protein DCTN3 is important for viral virulence in cattle. <i>Journal of Virology</i> , 2014 , 88, 2737-47	6.6	41
59	Foot-and-mouth disease virus virulence in cattle is co-determined by viral replication dynamics and route of infection. <i>Virology</i> , 2014 , 452-453, 12-22	3.6	30
58	Phylogeographic characteristics of vesicular stomatitis New Jersey viruses circulating in Mexico from 2005 to 2011 and their relationship to epidemics in the United States. <i>Virology</i> , 2014 , 449, 17-24	3.6	18
57	Morphologic and phenotypic characteristics of myocarditis in two pigs infected by foot-and mouth disease virus strains of serotypes O or A. <i>Acta Veterinaria Scandinavica</i> , 2014 , 56, 42	2	13
56	Infection dynamics of foot-and-mouth disease virus in pigs using two novel simulated-natural inoculation methods. <i>Research in Veterinary Science</i> , 2014 , 96, 396-405	2.5	26
55	Early events in the pathogenesis of foot-and-mouth disease in pigs; identification of oropharyngeal tonsils as sites of primary and sustained viral replication. <i>PLoS ONE</i> , 2014 , 9, e106859	3.7	28
54	Foot-and-Mouth Disease 2014 , 397-410		
53	Expression of porcine fusion protein IRF7/3(5D) efficiently controls foot-and-mouth disease virus replication. <i>Journal of Virology</i> , 2014 , 88, 11140-53	6.6	10
52	Epidemiological analysis, serological prevalence and genotypic analysis of foot-and-mouth disease in Nigeria 2008-2009. <i>Transboundary and Emerging Diseases</i> , 2014 , 61, 500-10	4.2	22
51	A partial deletion in non-structural protein 3A can attenuate foot-and-mouth disease virus in cattle. <i>Virology</i> , 2013 , 446, 260-7	3.6	45
50	Early adaptive immune responses in the respiratory tract of foot-and-mouth disease virus-infected cattle. <i>Journal of Virology</i> , 2013 , 87, 2489-95	6.6	32
49	Foot-and-mouth disease virus serotype O phylodynamics: genetic variability associated with epidemiological factors in Pakistan. <i>Transboundary and Emerging Diseases</i> , 2013 , 60, 516-24	4.2	9

48	Characterization of a chimeric foot-and-mouth disease virus bearing a bovine rhinitis B virus leader proteinase. <i>Virology</i> , 2013 , 447, 172-80	3.6	10
47	A continuous bovine kidney cell line constitutively expressing bovine $\alpha 5 \beta 1$ integrin has increased susceptibility to foot-and-mouth disease virus. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 1714-20	9.7	97
46	Mechanisms of foot-and-mouth disease virus tropism inferred from differential tissue gene expression. <i>PLoS ONE</i> , 2013 , 8, e64119	3.7	18
45	Role of arginine-56 within the structural protein VP3 of foot-and-mouth disease virus (FMDV) O1 Campos in virus virulence. <i>Virology</i> , 2012 , 422, 37-45	3.6	26
44	Full-length genome analysis of vesicular stomatitis New Jersey virus strains representing the phylogenetic and geographic diversity of the virus. <i>Archives of Virology</i> , 2012 , 157, 2247-51	2.6	10
43	Direct contact transmission of three different foot-and-mouth disease virus strains in swine demonstrates important strain-specific differences. <i>Veterinary Journal</i> , 2012 , 193, 456-63	2.5	34
42	A safe foot-and-mouth disease vaccine platform with two negative markers for differentiating infected from vaccinated animals. <i>Journal of Virology</i> , 2012 , 86, 11675-85	6.6	53
41	Development of vaccines toward the global control and eradication of foot-and-mouth disease. <i>Expert Review of Vaccines</i> , 2011 , 10, 377-87	5.2	98
40	Introduction of tag epitopes in the inter-AUG region of foot and mouth disease virus: effect on the L protein. <i>Virus Research</i> , 2011 , 155, 91-7	6.4	12
39	The pathogenesis of foot-and-mouth disease I: viral pathways in cattle. <i>Transboundary and Emerging Diseases</i> , 2011 , 58, 291-304	4.2	124
38	Domestic cattle as a non-conventional amplifying host of vesicular stomatitis New Jersey virus. <i>Medical and Veterinary Entomology</i> , 2011 , 25, 184-91	2.4	6
37	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. <i>Transboundary and Emerging Diseases</i> , 2011 , 58, 387-93	4.2	12
36	The pathogenesis of foot-and-mouth disease II: viral pathways in swine, small ruminants, and wildlife; myotropism, chronic syndromes, and molecular virus-host interactions. <i>Transboundary and Emerging Diseases</i> , 2011 , 58, 305-26	4.2	108
35	Foot-and-mouth disease virus utilizes an autophagic pathway during viral replication. <i>Virology</i> , 2011 , 410, 142-50	3.6	86
34	Genetic and antigenic relationships of vesicular stomatitis viruses from South America. <i>Archives of Virology</i> , 2011 , 156, 1961-8	2.6	16
33	Characterization of the temporal and spatial distribution and reproductive ratio of vesicular stomatitis outbreaks in Mexico in 2008. <i>American Journal of Veterinary Research</i> , 2011 , 72, 233-8	1.1	3
32	The early pathogenesis of foot-and-mouth disease in cattle after aerosol inoculation. Identification of the nasopharynx as the primary site of infection. <i>Veterinary Pathology</i> , 2010 , 47, 1048-63	2.8	104
31	Spatial and phylogenetic analysis of vesicular stomatitis virus over-wintering in the United States. <i>Preventive Veterinary Medicine</i> , 2010 , 93, 258-64	3.1	26

30	Early events in the pathogenesis of foot-and-mouth disease in cattle after controlled aerosol exposure. <i>Veterinary Journal</i> , 2010 , 183, 46-53	2.5	102
29	The region between the two polyprotein initiation codons of foot-and-mouth disease virus is critical for virulence in cattle. <i>Virology</i> , 2010 , 396, 152-9	3.6	27
28	Domain disruptions of individual 3B proteins of foot-and-mouth disease virus do not alter growth in cell culture or virulence in cattle. <i>Virology</i> , 2010 , 405, 149-56	3.6	23
27	Field evaluation of a multiplex real-time reverse transcription polymerase chain reaction assay for detection of Vesicular stomatitis virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009 , 21, 179-86	1.5	23
26	Optimization of immunohistochemical and fluorescent antibody techniques for localization of Foot-and-mouth disease virus in animal tissues. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009 , 21, 779-92	1.5	31
25	Experimental transmission of vesicular stomatitis New Jersey virus from <i>Simulium vittatum</i> to cattle: clinical outcome is influenced by site of insect feeding. <i>Journal of Medical Entomology</i> , 2009 , 46, 866-72	2.2	16
24	Detection of foot-and-mouth disease virus infected cattle using infrared thermography. <i>Veterinary Journal</i> , 2009 , 180, 317-24	2.5	77
23	Molecular characterization of a foot-and-mouth disease virus containing a 57-nucleotide insertion in the 3' untranslated region. <i>Archives of Virology</i> , 2009 , 154, 671-6	2.6	12
22	Foot and mouth disease virus vaccines. <i>Vaccine</i> , 2009 , 27 Suppl 4, D90-4	4.1	121
21	Characterization of the full-length genomic sequences of vesicular stomatitis Cocal and Alagoas viruses. <i>Archives of Virology</i> , 2008 , 153, 1353-7	2.6	18
20	Global FMD control--is it an option?. <i>Vaccine</i> , 2007 , 25, 5660-4	4.1	73
19	Vesicular stomatitis New Jersey virus (VSNJV) infects keratinocytes and is restricted to lesion sites and local lymph nodes in the bovine, a natural host. <i>Veterinary Research</i> , 2007 , 38, 375-90	3.8	20
18	Molecular epidemiology of vesicular stomatitis New Jersey virus from the 2004-2005 US outbreak indicates a common origin with Mexican strains. <i>Journal of General Virology</i> , 2007 , 88, 2042-2051	4.9	33
17	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. <i>Vaccine</i> , 2005 , 23, 5775-82	4.1	130
16	Recombinant vesicular stomatitis (Indiana) virus expressing New Jersey and Indiana glycoproteins induces neutralizing antibodies to each serotype in swine, a natural host. <i>Vaccine</i> , 2004 , 22, 4035-43	4.1	11
15	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. <i>Vaccine</i> , 2003 , 21, 3751-6	4.1	52
14	Vesicular stomatitis virus glycoprotein is a determinant of pathogenesis in swine, a natural host. <i>Journal of Virology</i> , 2003 , 77, 8039-47	6.6	43
13	Emergence and re-emergence of vesicular stomatitis in the United States. <i>Virus Research</i> , 2002 , 85, 211-4	6.4	120

12	Growth and molecular evolution of vesicular stomatitis serotype New Jersey in cells derived from its natural insect-host: evidence for natural adaptation. <i>Virus Research</i> , 2002 , 89, 65-73	6.4	12
11	Full-length genome analysis of natural isolates of vesicular stomatitis virus (Indiana 1 serotype) from North, Central and South America. <i>Journal of General Virology</i> , 2002 , 83, 2475-2483	4.9	36
10	Rearrangement of the genes of vesicular stomatitis virus eliminates clinical disease in the natural host: new strategy for vaccine development. <i>Journal of Virology</i> , 2001 , 75, 6107-14	6.6	82
9	Re-emergence of vesicular stomatitis in the western United States is associated with distinct viral genetic lineages. <i>Virology</i> , 2000 , 271, 171-81	3.6	47
8	Vesicular stomatitis. <i>Veterinary Journal</i> , 1999 , 157, 239-60	2.5	186
7	Interferon induction as a quasispecies marker of vesicular stomatitis virus populations. <i>Journal of Virology</i> , 1998 , 72, 542-9	6.6	53
6	Serological survey of small mammals in a vesicular stomatitis virus enzootic area. <i>Journal of Wildlife Diseases</i> , 1996 , 32, 274-9	1.3	17
5	Vesicular stomatitis New Jersey virus RNA persists in cattle following convalescence. <i>Virology</i> , 1996 , 219, 480-4	3.6	26
4	Ecological factors rather than temporal factors dominate the evolution of vesicular stomatitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 13030-5	11.5	46
3	Rapid detection of vesicular stomatitis virus New Jersey serotype in clinical samples by using polymerase chain reaction. <i>Journal of Clinical Microbiology</i> , 1993 , 31, 2016-20	9.7	38
2	Vesicular stomatitis New Jersey virus glycoprotein gene sequence and neutralizing epitope stability in an enzootic focus. <i>Virology</i> , 1990 , 177, 209-15	3.6	18
1	Serological monitoring of vesicular stomatitis New Jersey virus in enzootic regions of Costa Rica. <i>American Journal of Tropical Medicine and Hygiene</i> , 1990 , 42, 272-81	3.2	28