Graham Belsham

List of Publications by Citations

205 papers	10,163 citations	49 h-index	93 g-index
217 ext. papers	11,115 ext. citations	5.7 avg, IF	6.12 L-index

#	Paper	IF	Citations
205	Insulin-dependent stimulation of protein synthesis by phosphorylation of a regulator of 5Q-cap function. *Nature*, **1994**, 371, 762-7	50.4	1079
204	PHAS-I as a link between mitogen-activated protein kinase and translation initiation. *Science*, **1994**, 266, 653-6	33.3	624
203	The requirement for eukaryotic initiation factor 4A (eIF4A) in translation is in direct proportion to the degree of mRNA 5Q-secondary structure. *Rna*, **2001**, 7, 382-94	5.8	342
202	Functional characterization of IRESes by an inhibitor of the RNA helicase eIF4A. *Nature Chemical Biology*, **2006**, 2, 213-20	11.7	276
201	Distinctive features of foot-and-mouth disease virus, a member of the picornavirus family; aspects of virus protein synthesis, protein processing and structure. *Progress in Biophysics and Molecular Biology*, **1993**, 60, 241-60	4.7	233
200	Foot-and-mouth disease: past, present and future. *Veterinary Research*, **2013**, 44, 116	3.8	219
199	A partial view of the mechanism of insulin action. *Diabetologia*, **1981**, 21, 347-62	10.3	189
198	Activation of the translational suppressor 4E-BP1 following infection with encephalomyocarditis virus and poliovirus. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 5578-83	11.5	185
197	Sequence analysis of monoclonal antibody resistant mutants of type O foot and mouth disease virus: evidence for the involvement of the three surface exposed capsid proteins in four antigenic sites. *Virology*, **1990**, 179, 26-34	3.6	179
196	Culicoids as vectors of Schmallenberg virus. *Emerging Infectious Diseases*, **2012**, 18, 1204-6	10.2	169
195	Use of a novel rapid preparation of fat-cell plasma membranes employing Percoll to investigate the effects of insulin and adrenaline on membrane protein phosphorylation within intact fat-cells. *Biochemical Journal*, **1980**, 192, 457-67		155
194	Analysis of the c-myc IRES; a potential role for cell-type specific trans-acting factors and the nuclear compartment. *Nucleic Acids Research*, **2000**, 28, 687-94	20.1	152
193	Detection of all seven serotypes of foot-and-mouth disease virus by real-time, fluorogenic reverse transcription polymerase chain reaction assay. *Journal of Virological Methods*, **2002**, 105, 67-80	2.6	151
192	Foot-and-mouth disease virus 3C protease induces cleavage of translation initiation factors eIF4A and eIF4G within infected cells. *Journal of Virology*, **2000**, 74, 272-80	6.6	147
191	A region of the 5Q-noncoding region of foot-and-mouth disease virus RNA directs efficient internal initiation of protein synthesis within cells: involvement with the role of L protease in translational control. *Journal of Virology*, **1990**, 64, 5389-95	6.6	143
190	Neutralization of foot-and-mouth disease virus can be mediated through any of at least three separate antigenic sites. *Journal of General Virology*, **1987**, 68 (Pt 6), 1637-47	4.9	133
189	The two species of the foot-and-mouth disease virus leader protein, expressed individually, exhibit the same activities. *Virology*, **1993**, 194, 355-9	3.6	131

188	Divergent picornavirus IRES elements. *Virus Research*, **2009**, 139, 183-92	6.4	116
187	Differentiating infection from vaccination in foot-and-mouth disease using a panel of recombinant, non-structural proteins in ELISA. *Vaccine*, **1998**, 16, 446-59	4.1	112
186	Translation and replication of FMDV RNA. *Current Topics in Microbiology and Immunology*, **2005**, 288, 43-70	3.3	111
185	SARS-CoV-2 Transmission between Mink (Neovison vison) and Humans, Denmark. *Emerging Infectious Diseases*, **2021**, 27, 547-551	10.2	111
184	Picornavirus RNA translation: roles for cellular proteins. *Trends in Microbiology*, **2000**, 8, 330-5	12.4	108
183	Effects of foot-and-mouth disease virus nonstructural proteins on the structure and function of the early secretory pathway: 2BC but not 3A blocks endoplasmic reticulum-to-Golgi transport. *Journal of Virology*, **2005**, 79, 4382-95	6.6	107
182	Caliciviruses differ in their functional requirements for eIF4F components. *Journal of Biological Chemistry*, **2006**, 281, 25315-25	5.4	102
181	Viral RNA modulates the acid sensitivity of foot-and-mouth disease virus capsids. *Journal of Virology*, **1995**, 69, 430-8	6.6	98
180	Assembly of foot-and-mouth disease virus empty capsids synthesized by a vaccinia virus expression system. *Journal of General Virology*, **1995**, 76 (Pt 12), 3089-98	4.9	95
179	Functional and structural similarities between the internal ribosome entry sites of hepatitis C virus and porcine teschovirus, a picornavirus. *Journal of Virology*, **2004**, 78, 4487-97	6.6	93
178	Recognition of picornavirus internal ribosome entry sites within cells; influence of cellular and viral proteins. *Rna*, **1998**, 4, 520-9	5.8	92
177	ABC50 interacts with eukaryotic initiation factor 2 and associates with the ribosome in an ATP-dependent manner. *Journal of Biological Chemistry*, **2000**, 275, 34131-9	5.4	91
176	Expression of cauliflower mosaic virus gene I in insect cells using a novel polyhedrin-based baculovirus expression vector. *Journal of General Virology*, **1990**, 71 (Pt 10), 2201-9	4.9	91
175	Specificity of enzyme-substrate interactions in foot-and-mouth disease virus polyprotein processing. *Virology*, **1989**, 173, 35-45	3.6	89
174	Induction of a protective response in swine vaccinated with DNA encoding foot-and-mouth disease virus empty capsid proteins and the 3D RNA polymerase. *Journal of General Virology*, **2001**, 82, 1713-1724	4.9	80
173	The La autoantigen contains a dimerization domain that is essential for enhancing translation. *Molecular and Cellular Biology*, **1997**, 17, 163-9	4.8	79
172	A selection system for functional internal ribosome entry site (IRES) elements: analysis of the requirement for a conserved GNRA tetraloop in the encephalomyocarditis virus IRES. *Rna*, **1999**, 5, 1167-79	5.8	79
171	Expression of cauliflower mosaic virus gene I using a baculovirus vector based upon the p10 gene and a novel selection method. *Virology*, **1990**, 179, 312-20	3.6	79

170	Identification of critical amino acids within the foot-and-mouth disease virus leader protein, a cysteine protease. *Virology*, **1995**, 213, 140-6	3.6	78
169	Inhibition of the secretory pathway by foot-and-mouth disease virus 2BC protein is reproduced by coexpression of 2B with 2C, and the site of inhibition is determined by the subcellular location of 2C. *Journal of Virology*, **2007**, 81, 1129-39	6.6	76
168	Cleavage of eukaryotic translation initiation factor 4GII within foot-and-mouth disease virus-infected cells: identification of the L-protease cleavage site in vitro. *Journal of Virology*, **2004**, 78, 3271-8	6.6	76
167	Immunization with a vaccinia recombinant expressing the F protein protects rabbits from challenge with a lethal dose of rinderpest virus. *Virology*, **1989**, 170, 11-8	3.6	71
166	The 5Quntranslated region of Rhopalosiphum padi virus contains an internal ribosome entry site which functions efficiently in mammalian, plant, and insect translation systems. *Journal of Virology*, **2001**, 75, 10244-9	6.6	68
165	A cross-kingdom internal ribosome entry site reveals a simplified mode of internal ribosome entry. *Molecular and Cellular Biology*, **2005**, 25, 7879-88	4.8	65
164	Factors required for the Uridylylation of the foot-and-mouth disease virus 3B1, 3B2, and 3B3 peptides by the RNA-dependent RNA polymerase (3Dpol) in vitro. *Journal of Virology*, **2005**, 79, 7698-706	6.6	64
163	Preliminary report of an outbreak of SARS-CoV-2 in mink and mink farmers associated with community spread, Denmark, June to November 2020. *Eurosurveillance*, **2021**, 26,	19.8	59
162	Role of RNA structure and RNA binding activity of foot-and-mouth disease virus 3C protein in VPg uridylylation and virus replication. *Journal of Virology*, **2006**, 80, 9865-75	6.6	58
161	Molecular characterization of serotype Asia-1 foot-and-mouth disease viruses in Pakistan and Afghanistan; emergence of a new genetic Group and evidence for a novel recombinant virus. *Infection, Genetics and Evolution*, **2011**, 11, 2049-62	4.5	55
160	Cleavage of translation initiation factor 4AI (eIF4AI) but not eIF4AII by foot-and-mouth disease virus 3C protease: identification of the eIF4AI cleavage site. *FEBS Letters*, **2001**, 507, 1-5	3.8	54
159	Virus survival in slurry: analysis of the stability of foot-and-mouth disease, classical swine fever, bovine viral diarrhoea and swine influenza viruses. *Veterinary Microbiology*, **2012**, 157, 41-9	3.3	53
158	Transmission of African swine fever virus from infected pigs by direct contact and aerosol routes. *Veterinary Microbiology*, **2017**, 211, 92-102	3.3	52
157	A dominant-negative mutant of rab5 inhibits infection of cells by foot-and-mouth disease virus: implications for virus entry. *Journal of Virology*, **2009**, 83, 6247-56	6.6	51
156	Functional analyses of RNA structures shared between the internal ribosome entry sites of hepatitis C virus and the picornavirus porcine teschovirus 1 Talfan. *Journal of Virology*, **2006**, 80, 1271-9	6.6	49
155	Insights into cleavage specificity from the crystal structure of foot-and-mouth disease virus 3C protease complexed with a peptide substrate. *Journal of Molecular Biology*, **2010**, 395, 375-89	6.5	47
154	Infection of pigs with African swine fever virus via ingestion of stable flies (Stomoxys calcitrans). *Transboundary and Emerging Diseases*, **2018**, 65, 1152-1157	4.2	46
153	Efficient production of foot-and-mouth disease virus empty capsids in insect cells following down regulation of 3C protease activity. *Journal of Virological Methods*, **2013**, 187, 406-12	2.6	46

152	Low diversity of foot-and-mouth disease serotype C virus in Kenya: evidence for probable vaccine strain re-introductions in the field. *Epidemiology and Infection*, **2011**, 139, 189-96	4.3	45
151	Reconstruction of the transmission history of RNA virus outbreaks using full genome sequences: foot-and-mouth disease virus in Bulgaria in 2011. *PLoS ONE*, **2012**, 7, e49650	3.7	44
150	Structural features of the Seneca Valley virus internal ribosome entry site (IRES) element: a picornavirus with a pestivirus-like IRES. *Journal of Virology*, **2011**, 85, 4452-61	6.6	44
149	Analysis of the acute phase responses of serum amyloid a, haptoglobin and type 1 interferon in cattle experimentally infected with foot-and-mouth disease virus serotype O. *Veterinary Research*, **2011**, 42, 66	3.8	42
148	SARS-CoV-2 in Danish Mink Farms: Course of the Epidemic and a Descriptive Analysis of the Outbreaks in 2020. *Animals*, **2021**, 11,	3.1	42
147	Foot-and-mouth disease virus 2C is a hexameric AAA+ protein with a coordinated ATP hydrolysis mechanism. *Journal of Biological Chemistry*, **2010**, 285, 24347-59	5.4	41
146	The role of African buffalos (Syncerus caffer) in the maintenance of foot-and-mouth disease in Uganda. *BMC Veterinary Research*, **2010**, 6, 54	2.7	41
145	Hepatitis C virus-related internal ribosome entry sites are found in multiple genera of the family Picornaviridae. *Journal of General Virology*, **2006**, 87, 927-936	4.9	41
144	Intracellular modifications induced by poliovirus reduce the requirement for structural motifs in the 5Qnoncoding region of the genome involved in internal initiation of protein synthesis. *Journal of Virology*, **1992**, 66, 1695-701	6.6	41
143	The picornavirus avian encephalomyelitis virus possesses a hepatitis C virus-like internal ribosome entry site element. *Journal of Virology*, **2008**, 82, 1993-2003	6.6	40
142	Localization of foot-and-mouth disease virus RNA by in situ hybridization within bovine tissues. *Virus Research*, **1999**, 62, 67-76	6.4	40
141	Foot-and-mouth disease virus, but not bovine enterovirus, targets the host cell cytoskeleton via the nonstructural protein 3Cpro. *Journal of Virology*, **2008**, 82, 10556-66	6.6	39
140	Anti-insulin receptor antibodies mimic the effects of insulin on the activities of pyruvate dehydrogenase and acetylCoA carboxylase and on specific protein phosphorylation in rat epididymal fat cells. *Diabetologia*, **1980**, 18, 307-12	10.3	39
139	Genetic diversity of foot-and-mouth disease virus serotype O in Pakistan and Afghanistan, 1997-2009. *Infection, Genetics and Evolution*, **2011**, 11, 1229-38	4.5	38
138	Diversity and transboundary mobility of serotype O foot-and-mouth disease virus in East Africa: implications for vaccination policies. *Infection, Genetics and Evolution*, **2010**, 10, 1058-65	4.5	37
137	Diagnosis of foot-and-mouth disease by real-time fluorogenic PCR assay. *Veterinary Record*, **2001**, 149, 621-3	0.9	37
136	Myristoylation of foot-and-mouth disease virus capsid protein precursors is independent of other viral proteins and occurs in both mammalian and insect cells. *Journal of General Virology*, **1991**, 72 (Pt 3), 747-51	4.9	37
135	Complementation of defective picornavirus internal ribosome entry site (IRES) elements by the coexpression of fragments of the IRES. *Virology*, **1997**, 227, 53-62	3.6	36

134	trans complementation by RNA of defective foot-and-mouth disease virus internal ribosome entry site elements. *Journal of Virology*, **1994**, 68, 697-703	6.6	36
133	Short time window for transmissibility of African swine fever virus from a contaminated environment. *Transboundary and Emerging Diseases*, **2018**, 65, 1024-1032	4.2	35
132	Capsid proteins from field strains of foot-and-mouth disease virus confer a pathogenic phenotype in cattle on an attenuated, cell-culture-adapted virus. *Journal of General Virology*, **2011**, 92, 1141-1151	4.9	34
131	Evolutionary analysis of serotype A foot-and-mouth disease viruses circulating in Pakistan and Afghanistan during 2002-2009. *Journal of General Virology*, **2011**, 92, 2849-2864	4.9	33
130	The Rhopalosiphum padi virus 5Q̈nternal ribosome entry site is functional in Spodoptera frugiperda 21 cells and in their cell-free lysates: implications for the baculovirus expression system. *Journal of General Virology*, **2004**, 85, 1565-1569	4.9	33
129	The effect of insulin and adrenaline on the phosphorylation of a 22 000-molecular weight protein within isolated fat cells; possible identification as the inhibitor-1 of the Q̈eneral phosphataseQ [proceedings]. *Biochemical Society Transactions*, **1980**, 8, 382-3	5.1	33
128	The role of the La autoantigen in internal initiation. *Current Topics in Microbiology and Immunology*, **1995**, 203, 85-98	3.3	32
127	Transmission of Foot-and-Mouth Disease from Persistently Infected Carrier Cattle to Naive Cattle via Transfer of Oropharyngeal Fluid. *MSphere*, **2018**, 3,	5	32
126	Characterization of a Novel Chimeric Swine Enteric Coronavirus from Diseased Pigs in Central Eastern Europe in 2016. *Transboundary and Emerging Diseases*, **2016**, 63, 595-601	4.2	31
125	Development of tailored real-time RT-PCR assays for the detection and differentiation of serotype O, A and Asia-1 foot-and-mouth disease virus lineages circulating in the Middle East. *Journal of Virological Methods*, **2014**, 207, 146-53	2.6	31
124	Assembly and characterization of foot-and-mouth disease virus empty capsid particles expressed within mammalian cells. *Journal of General Virology*, **2013**, 94, 1769-1779	4.9	31
123	Immune response and protection of cattle and pigs generated by a vaccinia virus recombinant expressing the F protein of rinderpest virus. *Veterinary Record*, **1989**, 124, 655-8	0.9	31
122	Conservation of L and 3C proteinase activities across distantly related aphthoviruses. *Journal of General Virology*, **2002**, 83, 3111-3121	4.9	31
121	Low levels of foot-and-mouth disease virus 3C protease expression are required to achieve optimal capsid protein expression and processing in mammalian cells. *Journal of General Virology*, **2013**, 94, 1249-1258	4.9	30
120	Conserved nucleotides within the J domain of the encephalomyocarditis virus internal ribosome entry site are required for activity and for interaction with eIF4G. *Journal of Virology*, **2003**, 77, 12441-9	6.6	30
119	Eukaryotic initiation factors 4A (eIF4A) and 4G (eIF4G) mutually interact in a 1:1 ratio in vivo. *Journal of Biological Chemistry*, **2001**, 276, 29111-5	5.4	30
118	Unique characteristics of a picornavirus internal ribosome entry site from the porcine teschovirus-1 talfan. *Journal of Virology*, **2002**, 76, 11721-8	6.6	30
117	A novel protein-RNA binding assay: functional interactions of the foot-and-mouth disease virus internal ribosome entry site with cellular proteins. *Rna*, **2001**, 7, 114-22	5.8	30

116	Evidence for phosphorylation and activation of acetyl CoA carboxylase by a membrane-associated cyclic AMP-independent protein kinase. Relationship to the activation of acetyl CoA carboxylase by insulin. *FEBS Letters*, **1981**, 124, 145-50	3.8	30
115	Reversibility of the insulin-stimulated phosphorylation of ATP citrate lyase and a cytoplasmic protein of subunit Mr 22000 in adipose tissue. *Biochemical Journal*, **1982**, 204, 345-52	3.8	30
114	Sequential modification of translation initiation factor eIF4GI by two different foot-and-mouth disease virus proteases within infected baby hamster kidney cells: identification of the 3Cpro cleavage site. *Journal of General Virology*, **2004**, 85, 2953-2962	4.9	29
113	Defective point mutants of the encephalomyocarditis virus internal ribosome entry site can be complemented in trans. *Virology*, **1995**, 214, 82-90	3.6	29
112	Intracellular expression and processing of foot-and-mouth disease virus capsid precursors using vaccinia virus vectors: influence of the L protease. *Virology*, **1990**, 176, 524-30	3.6	29
111	The role of the 5Qnontranslated regions of the fusion protein mRNAs of canine distemper virus and rinderpest virus. *Virology*, **1990**, 177, 317-23	3.6	29
110	Vaccinia virus protein synthesis has a low requirement for the intact translation initiation factor eIF4F, the cap-binding complex, within infected cells. *Journal of Virology*, **1998**, 72, 8813-9	6.6	29
109	Stabilized baculovirus vector expressing a heterologous gene and GP64 from a single bicistronic transcript. *Journal of Biotechnology*, **2006**, 123, 13-21	3.7	28
108	Complete genome sequence of an African swine fever virus (ASFV POL/2015/Podlaskie) determined directly from pig erythrocyte-associated nucleic acid. *Journal of Virological Methods*, **2018**, 261, 14-16	2.6	27
107	Processing of the VP1/2A junction is not necessary for production of foot-and-mouth disease virus empty capsids and infectious viruses: characterization of "self-tagged" particles. *Journal of Virology* , **2013**, 87, 11591-603	6.6	27
106	Rescue of foot-and-mouth disease viruses that are pathogenic for cattle from preserved viral RNA samples. *PLoS ONE*, **2011**, 6, e14621	3.7	27
105	Studies on the infectivity of foot-and-mouth disease virus RNA using microinjection. *Journal of General Virology*, **1988**, 69 (Pt 2), 265-74	4.9	26
104	The mechanism of translation of cowpea mosaic virus middle component RNA: no evidence for internal initiation from experiments in an animal cell transient expression system. *Journal of General Virology*, **1991**, 72 (Pt 12), 3109-13	4.9	25
103	Development of reverse transcription-PCR (oligonucleotide probing) enzyme-linked immunosorbent assays for diagnosis and preliminary typing of foot-and-mouth disease: a new system using simple and aqueous-phase hybridization. *Journal of Clinical Microbiology*, **2000**, 38, 4604-13	9.7	25
102	Molecular epidemiology, evolution and phylogeny of foot-and-mouth disease virus. *Infection, Genetics and Evolution*, **2018**, 59, 84-98	4.5	24
101	Rapid spread of Schmallenberg virus-infected biting midges (Culicoides spp.) across Denmark in 2012. *Transboundary and Emerging Diseases*, **2014**, 61, 12-6	4.2	23
100	Detection of foot-and-mouth disease virus RNA in pharyngeal epithelium biopsy samples obtained from infected cattle: investigation of possible sites of virus replication and persistence. *Veterinary Microbiology*, **2012**, 154, 230-9	3.3	23
99	Transplacental transmission of field and rescued strains of BTV-2 and BTV-8 in experimentally infected sheep. *Veterinary Research*, **2013**, 44, 75	3.8	23

98	Characterization of foot-and-mouth disease viruses (FMDVs) from Ugandan cattle outbreaks during 2012-2013: evidence for circulation of multiple serotypes. *PLoS ONE*, **2015**, 10, e0114811	3.7	23
97	Full-length genomic analysis of Korean porcine Sapelovirus strains. *PLoS ONE*, **2014**, 9, e107860	3.7	23
96	An attenuating mutation in the 2A protease of swine vesicular disease virus, a picornavirus, regulates cap- and internal ribosome entry site-dependent protein synthesis. *Journal of Virology*, **2001**, 75, 10643-50	6.6	23
95	Potential routes for indirect transmission of African swine fever virus into domestic pig herds. *Transboundary and Emerging Diseases*, **2020**, 67, 1472-1484	4.2	22
94	Serotype identification and VP1 coding sequence analysis of foot-and-mouth disease viruses from outbreaks in eastern and northern Uganda in 2008/9. *Transboundary and Emerging Diseases*, **2012**, 59, 323-30	4.2	22
93	Dynamics of picornavirus RNA replication within infected cells. *Journal of General Virology*, **2008**, 89, 485-493	4.9	22
92	Monocistronic mRNAs containing defective hepatitis C virus-like picornavirus internal ribosome entry site elements in their 5Quntranslated regions are efficiently translated in cells by a cap-dependent mechanism. *Rna*, **2008**, 14, 1671-80	5.8	22
91	Modulation of translation initiation efficiency in classical swine fever virus. *Journal of Virology*, **2012** , 86, 8681-92	6.6	21
90	Unprocessed foot-and-mouth disease virus capsid precursor displays discontinuous epitopes involved in viral neutralization. *Journal of Virology*, **1994**, 68, 4557-64	6.6	21
89	Development and evaluation of tailored specific real-time RT-PCR assays for detection of foot-and-mouth disease virus serotypes circulating in East Africa. *Journal of Virological Methods*, **2016**, 237, 114-120	2.6	21
88	Assessing the potential spread and maintenance of foot-and-mouth disease virus infection in wild ungulates: general principles and application to a specific scenario in Thrace. *Transboundary and Emerging Diseases*, **2016**, 63, 165-74	4.2	20
87	The comparative utility of oral swabs and probang samples for detection of foot-and-mouth disease virus infection in cattle and pigs. *Veterinary Microbiology*, **2013**, 162, 330-337	3.3	20
86	Evolutionary analysis of foot-and-mouth disease virus serotype SAT 1 isolates from east Africa suggests two independent introductions from southern Africa. *BMC Evolutionary Biology*, **2010**, 10, 371	3	20
85	The Molecular Biology of the Morbilliviruses **1991**, 83-102		20
84	trans complementation of cap-independent translation directed by poliovirus 5Qnoncoding region deletion mutants: evidence for RNA-RNA interactions. *Journal of Virology*, **1993**, 67, 6215-23	6.6	20
83	Survival and localization of African swine fever virus in stable flies (Stomoxys calcitrans) after feeding on viremic blood using a membrane feeder. *Veterinary Microbiology*, **2018**, 222, 25-29	3.3	20
82	Influence of the Leader protein coding region of foot-and-mouth disease virus on virus replication. *Journal of General Virology*, **2013**, 94, 1486-1495	4.9	19
81	Analysis of classical swine fever virus RNA replication determinants using replicons. *Journal of General Virology*, **2013**, 94, 1739-1748	4.9	19

80	Sequence of genome segment 9 of bluetongue virus (serotype 1, South Africa) and expression analysis demonstrating that different forms of VP6 are derived from initiation of protein synthesis at two distinct sites. *Journal of General Virology*, **1992**, 73 (Pt 11), 3023-6	4.9	19
79	Identification of minimal sequences of the Rhopalosiphum padi virus 5Quntranslated region required for internal initiation of protein synthesis in mammalian, plant and insect translation systems. *Journal of General Virology*, **2007**, 88, 1583-1588	4.9	18
78	The foot-and-mouth disease virus cis-acting replication element (cre) can be complemented in trans within infected cells. *Journal of Virology*, **2003**, 77, 2243-6	6.6	18
77	Foot-and-mouth disease virus serotype SAT 3 in long-horned Ankole calf, Uganda. *Emerging Infectious Diseases*, **2015**, 21, 111-4	10.2	17
76	Unrecognized circulation of SAT 1 foot-and-mouth disease virus in cattle herds around Queen Elizabeth National Park in Uganda. *BMC Veterinary Research*, **2016**, 12, 5	2.7	17
75	Detection and genetic characterization of foot-and-mouth disease viruses in samples from clinically healthy animals in endemic settings. *Transboundary and Emerging Diseases*, **2012**, 59, 429-40	4.2	17
74	Experimental Infection of Young Pigs with an Early European Strain of Porcine Epidemic Diarrhoea Virus and a Recent US Strain. *Transboundary and Emerging Diseases*, **2017**, 64, 1380-1386	4.2	16
73	Development and Characterization of Probe-Based Real Time Quantitative RT-PCR Assays for Detection and Serotyping of Foot-And-Mouth Disease Viruses Circulating in West Eurasia. *PLoS ONE*, **2015**, 10, e0135559	3.7	16
72	Analysis of Recent Serotype O Foot-and-Mouth Disease Viruses from Livestock in Kenya: Evidence of Four Independently Evolving Lineages. *Transboundary and Emerging Diseases*, **2015**, 62, 305-14	4.2	16
71	Genetic diversity of serotype A foot-and-mouth disease viruses in Kenya from 1964 to 2013; implications for control strategies in eastern Africa. *Infection, Genetics and Evolution*, **2014**, 21, 408-17	4.5	16
70	Phylogenetic analyses of the polyprotein coding sequences of serotype O foot-and-mouth disease viruses in East Africa: evidence for interserotypic recombination. *Virology Journal*, **2010**, 7, 199	6.1	16
69	Molecular characterization of SAT 2 foot-and-mouth disease virus from post-outbreak slaughtered animals: implications for disease control in Uganda. *Epidemiology and Infection*, **2010**, 138, 1204-10	4.3	16
68	Expression of polyoma virus middle-T antigen in Saccharomyces cerevisiae. *FEBS Journal*, **1986**, 156, 413-21		16
67	A Prime-Boost Vaccination Strategy in Cattle to Prevent Foot-and-Mouth Disease Using a "Single-Cycle" Alphavirus Vector and Empty Capsid Particles. *PLoS ONE*, **2016**, 11, e0157435	3.7	16
66	Characterization of Fitness and Convalescent Antibody Neutralization of SARS-CoV-2 Cluster 5 Variant Emerging in Mink at Danish Farms. *Frontiers in Microbiology*, **2021**, 12, 698944	5.7	16
65	Rescue of the highly virulent classical swine fever virus strain "Koslov" from cloned cDNA and first insights into genome variations relevant for virulence. *Virology*, **2014**, 468-470, 379-387	3.6	15
64	Capsid coding sequences of foot-and-mouth disease viruses are determinants of pathogenicity in pigs. *Veterinary Research*, **2012**, 43, 46	3.8	15
63	Development of a novel recombinant encapsidated RNA particle: evaluation as an internal control for diagnostic RT-PCR. *Journal of Virological Methods*, **2007**, 146, 218-25	2.6	15

62	Replication-competent foot-and-mouth disease virus RNAs lacking capsid coding sequences. *Microbiology (United Kingdom)*, **2000**, 81, 1699-702	2.9	15
61	Strong buffering capacity of insect cells. Implications for the baculovirus expression system. *Cytotechnology*, **1995**, 17, 21-6	2.2	14
60	Characterisation of recent foot-and-mouth disease viruses from African buffalo (Syncerus caffer) and cattle in Kenya is consistent with independent virus populations. *BMC Veterinary Research*, **2015**, 11, 17	2.7	13
59	Identification and complete genome analysis of a novel bovine picornavirus in Japan. *Virus Research* , **2015**, 210, 205-12	6.4	13
58	Foot-and-mouth disease virus: Prospects for using knowledge of virus biology to improve control of this continuing global threat. *Virus Research*, **2020**, 281, 197909	6.4	13
57	Sequence adaptations affecting cleavage of the VP1/2A junction by the 3C protease in foot-and-mouth disease virus-infected cells. *Journal of General Virology*, **2014**, 95, 2402-2410	4.9	13
56	Modulation of cytokine mRNA expression in pharyngeal epithelial samples obtained from cattle infected with foot-and-mouth disease virus. *Journal of Comparative Pathology*, **2012**, 146, 243-52	1	13
55	Detection of myxoma viruses encoding a defective M135R gene from clinical cases of myxomatosis; possible implications for the role of the M135R protein as a virulence factor. *Virology Journal*, **2010**, 7, 7	6.1	13
54	Co-circulation of two extremely divergent serotype SAT 2 lineages in Kenya highlights challenges to foot-and-mouth disease control. *Archives of Virology*, **2010**, 155, 1625-30	2.6	13
53	Rinderpest virus lineage differentiation using RT-PCR and SNAP-ELISA. *Journal of Virological Methods*, **2003**, 107, 29-36	2.6	13
52	Determinants of the VP1/2A junction cleavage by the 3C protease in foot-and-mouth disease virus-infected cells. *Journal of General Virology*, **2017**, 98, 385-395	4.9	13
51	Challenges for Serology-Based Characterization of Foot-and-Mouth Disease Outbreaks in Endemic Areas; Identification of Two Separate Lineages of Serotype O FMDV in Uganda in 2011. *Transboundary and Emerging Diseases*, **2015**, 62, 522-34	4.2	12
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