

Graham Belsham

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7749396/graham-belsham-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The N-terminal region (VP4) of the foot-and-mouth disease capsid precursor (P1-2A) is not required during its synthesis to allow subsequent processing by the 3C protease.. <i>Virology</i> , 2022 , 570, 29-34	3.6	6
204	Infection, recovery and re-infection of farmed mink with SARS-CoV-2. <i>PLoS Pathogens</i> , 2021 , 17, e10100686	6.8	7
203	Identification of African Swine Fever Virus Transcription within Peripheral Blood Mononuclear Cells of Acutely Infected Pigs. <i>Viruses</i> , 2021 , 13,	6.2	1
202	Foot-and-mouth disease viruses of the O/ME-SA/Ind-2001e sublineage in Pakistan. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 3126-3135	4.2	3
201	Characterization of Fitness and Convalescent Antibody Neutralization of SARS-CoV-2 Cluster 5 Variant Emerging in Mink at Danish Farms. <i>Frontiers in Microbiology</i> , 2021 , 12, 698944	5.7	16
200	Full-Genome Sequences of Alphacoronaviruses and Astroviruses from Myotis and Pipistrelle Bats in Denmark. <i>Viruses</i> , 2021 , 13,	6.2	3
199	SARS-CoV-2 in Danish Mink Farms: Course of the Epidemic and a Descriptive Analysis of the Outbreaks in 2020. <i>Animals</i> , 2021 , 11,	3.1	42
198	SARS-CoV-2 Transmission between Mink (Neovison vison) and Humans, Denmark. <i>Emerging Infectious Diseases</i> , 2021 , 27, 547-551	10.2	111
197	Preliminary report of an outbreak of SARS-CoV-2 in mink and mink farmers associated with community spread, Denmark, June to November 2020. <i>Eurosurveillance</i> , 2021 , 26,	19.8	59
196	Picornaviruses: A View from 3A. <i>Viruses</i> , 2021 , 13,	6.2	2
195	Heat inactivation of foot-and-mouth disease virus, swine vesicular disease virus and classical swine fever virus when air-dried on plastic and glass surfaces. <i>Biosafety and Health</i> , 2021 , 3, 217-223	4.7	
194	Potential routes for indirect transmission of African swine fever virus into domestic pig herds. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 1472-1484	4.2	22
193	Foot-and-mouth disease virus: Prospects for using knowledge of virus biology to improve control of this continuing global threat. <i>Virus Research</i> , 2020 , 281, 197909	6.4	13
192	Towards improvements in foot-and-mouth disease vaccine performance. <i>Acta Veterinaria Scandinavica</i> , 2020 , 62, 20	2	7
191	Identification of specific amino acid residues in the border disease virus glycoprotein E2 that modify virus growth in pig cells but not in sheep cells. <i>Journal of General Virology</i> , 2020 , 101, 1170-1181	4.9	1
190	Evidence for multiple recombination events within foot-and-mouth disease viruses circulating in West Eurasia. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 979-993	4.2	10
189	Animal Models for COVID-19: More to the Picture Than ACE2, Rodents, Ferrets, and Non-human Primates. A Case for Porcine Respiratory Coronavirus and the Obese Ossabaw Pig. <i>Frontiers in Microbiology</i> , 2020 , 11, 573756	5.7	10

188	Virus Adaptation and Selection Following Challenge of Animals Vaccinated against Classical Swine Fever Virus. <i>Viruses</i> , 2019 , 11,	6.2	4
187	Identification of a short, highly conserved, motif required for picornavirus capsid precursor processing at distal sites. <i>PLoS Pathogens</i> , 2019 , 15, e1007509	7.6	6
186	Diagnostic comparison of serum and EDTA-stabilized blood samples for the detection of foot-and-mouth disease virus RNA by RT-qPCR. <i>Journal of Virological Methods</i> , 2019 , 270, 120-125	2.6	2
185	Thermostability of the Foot-and-Mouth Disease Virus Capsid Is Modulated by Lethal and Viability-Restoring Compensatory Amino Acid Substitutions. <i>Journal of Virology</i> , 2019 , 93,	6.6	5
184	Picornaviruses 2019 , 641-684		4
183	Identification of plasticity and interactions of a highly conserved motif within a picornavirus capsid precursor required for virus infectivity. <i>Scientific Reports</i> , 2019 , 9, 11747	4.9	3
182	Genome Organisation, Translation and Replication of Foot-and-Mouth Disease Virus RNA 2019 , 19-52		4
181	Short time window for transmissibility of African swine fever virus from a contaminated environment. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 1024-1032	4.2	35
180	Modifications to the Foot-and-Mouth Disease Virus 2A Peptide: Influence on Polyprotein Processing and Virus Replication. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
179	Molecular epidemiology, evolution and phylogeny of foot-and-mouth disease virus. <i>Infection, Genetics and Evolution</i> , 2018 , 59, 84-98	4.5	24
178	Selection of functional 2A sequences within foot-and-mouth disease virus; requirements for the NPGP motif with a distinct codon bias. <i>Rna</i> , 2018 , 24, 12-17	5.8	6
177	Complete genome sequence of an African swine fever virus (ASFV POL/2015/Podlaskie) determined directly from pig erythrocyte-associated nucleic acid. <i>Journal of Virological Methods</i> , 2018 , 261, 14-16	2.6	27
176	Cleavages at the three junctions within the foot-and-mouth disease virus capsid precursor (P1-2A) by the 3C protease are mutually independent. <i>Virology</i> , 2018 , 522, 260-270	3.6	11
175	A reply to "A comment on "Inter-laboratory study to characterize the detection of serum antibodies against porcine epidemic diarrhoea virus"". <i>Veterinary Microbiology</i> , 2018 , 224, 118	3.3	
174	Strategy for efficient generation of numerous full-length cDNA clones of classical swine fever virus for haplotyping. <i>BMC Genomics</i> , 2018 , 19, 600	4.5	0
173	Full-length genome sequences of porcine epidemic diarrhoea virus strain CV777; Use of NGS to analyse genomic and sub-genomic RNAs. <i>PLoS ONE</i> , 2018 , 13, e0193682	3.7	12
172	Infection of pigs with African swine fever virus via ingestion of stable flies (<i>Stomoxys calcitrans</i>). <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 1152-1157	4.2	46
171	Transmission of Foot-and-Mouth Disease from Persistently Infected Carrier Cattle to Naive Cattle via Transfer of Oropharyngeal Fluid. <i>MSphere</i> , 2018 , 3,	5	32

170	Detection and Characterization of Distinct Alphacoronaviruses in Five Different Bat Species in Denmark. <i>Viruses</i> , 2018 , 10,	6.2	10
169	Survival and localization of African swine fever virus in stable flies (<i>Stomoxys calcitrans</i>) after feeding on viremic blood using a membrane feeder. <i>Veterinary Microbiology</i> , 2018 , 222, 25-29	3.3	20
168	Experimental Infection of Young Pigs with an Early European Strain of Porcine Epidemic Diarrhoea Virus and a Recent US Strain. <i>Transboundary and Emerging Diseases</i> , 2017 , 64, 1380-1386	4.2	16
167	Distinct roles for the III _d 2 sub-domain in pestivirus and picornavirus internal ribosome entry sites. <i>Nucleic Acids Research</i> , 2017 , 45, 13016-13028	20.1	8
166	Transmission of African swine fever virus from infected pigs by direct contact and aerosol routes. <i>Veterinary Microbiology</i> , 2017 , 211, 92-102	3.3	52
165	Genome Organisation, Translation and Replication of Foot-and-mouth Disease Virus RNA 2017 , 13-42		6
164	Determinants of the VP1/2A junction cleavage by the 3C protease in foot-and-mouth disease virus-infected cells. <i>Journal of General Virology</i> , 2017 , 98, 385-395	4.9	13
163	Separation of foot-and-mouth disease virus leader protein activities; identification of mutants that retain efficient self-processing activity but poorly induce eIF4G cleavage. <i>Journal of General Virology</i> , 2017 , 98, 671-680	4.9	3
162	High diversity of picornaviruses in rats from different continents revealed by deep sequencing. <i>Emerging Microbes and Infections</i> , 2016 , 5, e90	18.9	12
161	Characterization of a Novel Chimeric Swine Enteric Coronavirus from Diseased Pigs in Central Eastern Europe in 2016. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, 595-601	4.2	31
160	Unrecognized circulation of SAT 1 foot-and-mouth disease virus in cattle herds around Queen Elizabeth National Park in Uganda. <i>BMC Veterinary Research</i> , 2016 , 12, 5	2.7	17
159	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. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, 165-74	4.2	20
158	A Prime-Boost Vaccination Strategy in Cattle to Prevent Foot-and-Mouth Disease Using a "Single-Cycle" Alphavirus Vector and Empty Capsid Particles. <i>PLoS ONE</i> , 2016 , 11, e0157435	3.7	16
157	Inter-laboratory study to characterize the detection of serum antibodies against porcine epidemic diarrhoea virus. <i>Veterinary Microbiology</i> , 2016 , 197, 151-160	3.3	6
156	Sequence adaptations during growth of rescued classical swine fever viruses in cell culture and within infected pigs. <i>Veterinary Microbiology</i> , 2016 , 192, 123-134	3.3	3
155	Development and evaluation of tailored specific real-time RT-PCR assays for detection of foot-and-mouth disease virus serotypes circulating in East Africa. <i>Journal of Virological Methods</i> , 2016 , 237, 114-120	2.6	21
154	Characterisation of recent foot-and-mouth disease viruses from African buffalo (<i>Syncerus caffer</i>) and cattle in Kenya is consistent with independent virus populations. <i>BMC Veterinary Research</i> , 2015 , 11, 17	2.7	13
153	Use of recombinant capsid proteins in the development of a vaccine against the foot-and-mouth disease virus. <i>Virus Adaptation and Treatment</i> , 2015 , 11		4

152	Foot-and-mouth disease virus serotype SAT 3 in long-horned Ankole calf, Uganda. <i>Emerging Infectious Diseases</i> , 2015 , 21, 111-4	10.2	17
151	Identification and complete genome analysis of a novel bovine picornavirus in Japan. <i>Virus Research</i> , 2015 , 210, 205-12	6.4	13
150	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. <i>Transboundary and Emerging Diseases</i> , 2015 , 62, 522-34	4.2	12
149	Characterization of foot-and-mouth disease viruses (FMDVs) from Ugandan cattle outbreaks during 2012-2013: evidence for circulation of multiple serotypes. <i>PLoS ONE</i> , 2015 , 10, e0114811	3.7	23
148	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. <i>PLoS ONE</i> , 2015 , 10, e0135559	3.7	16
147	Analysis of Recent Serotype O Foot-and-Mouth Disease Viruses from Livestock in Kenya: Evidence of Four Independently Evolving Lineages. <i>Transboundary and Emerging Diseases</i> , 2015 , 62, 305-14	4.2	16
146	Rapid spread of Schmallenberg virus-infected biting midges (<i>Culicoides</i> spp.) across Denmark in 2012. <i>Transboundary and Emerging Diseases</i> , 2014 , 61, 12-6	4.2	23
145	Rescue of the highly virulent classical swine fever virus strain "Koslov" from cloned cDNA and first insights into genome variations relevant for virulence. <i>Virology</i> , 2014 , 468-470, 379-387	3.6	15
144	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. <i>Journal of Virological Methods</i> , 2014 , 207, 146-53	2.6	31
143	Sequence adaptations affecting cleavage of the VP1/2A junction by the 3C protease in foot-and-mouth disease virus-infected cells. <i>Journal of General Virology</i> , 2014 , 95, 2402-2410	4.9	13
142	Characteristics of a foot-and-mouth disease virus with a partial VP1 G-H loop deletion in experimentally infected cattle. <i>Veterinary Microbiology</i> , 2014 , 169, 58-66	3.3	10
141	Full-length genomic analysis of Korean porcine Sapelovirus strains. <i>PLoS ONE</i> , 2014 , 9, e107860	3.7	23
140	Genetic diversity of serotype A foot-and-mouth disease viruses in Kenya from 1964 to 2013; implications for control strategies in eastern Africa. <i>Infection, Genetics and Evolution</i> , 2014 , 21, 408-17	4.5	16
139	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. <i>Journal of Virology</i> , 2013 , 87, 11591-603	6.6	27
138	Transplacental transmission of field and rescued strains of BTV-2 and BTV-8 in experimentally infected sheep. <i>Veterinary Research</i> , 2013 , 44, 75	3.8	23
137	Foot-and-mouth disease: past, present and future. <i>Veterinary Research</i> , 2013 , 44, 116	3.8	219
136	Efficient generation of recombinant RNA viruses using targeted recombination-mediated mutagenesis of bacterial artificial chromosomes containing full-length cDNA. <i>BMC Genomics</i> , 2013 , 14, 819	4.5	8
135	Efficient production of foot-and-mouth disease virus empty capsids in insect cells following down regulation of 3C protease activity. <i>Journal of Virological Methods</i> , 2013 , 187, 406-12	2.6	46

134	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
133	The comparative utility of oral swabs and probang samples for detection of foot-and-mouth disease virus infection in cattle and pigs. <i>Veterinary Microbiology</i> , 2013 , 162, 330-337	3.3	20
132	Low levels of foot-and-mouth disease virus 3C protease expression are required to achieve optimal capsid protein expression and processing in mammalian cells. <i>Journal of General Virology</i> , 2013 , 94, 1249-1258	4.9	30
131	Influence of the Leader protein coding region of foot-and-mouth disease virus on virus replication. <i>Journal of General Virology</i> , 2013 , 94, 1486-1495	4.9	19
130	Analysis of classical swine fever virus RNA replication determinants using replicons. <i>Journal of General Virology</i> , 2013 , 94, 1739-1748	4.9	19
129	Assembly and characterization of foot-and-mouth disease virus empty capsid particles expressed within mammalian cells. <i>Journal of General Virology</i> , 2013 , 94, 1769-1779	4.9	31
128	Serotype identification and VP1 coding sequence analysis of foot-and-mouth disease viruses from outbreaks in eastern and northern Uganda in 2008/9. <i>Transboundary and Emerging Diseases</i> , 2012 , 59, 323-30	4.2	22
127	Detection and genetic characterization of foot-and-mouth disease viruses in samples from clinically healthy animals in endemic settings. <i>Transboundary and Emerging Diseases</i> , 2012 , 59, 429-40	4.2	17
126	Modulation of cytokine mRNA expression in pharyngeal epithelial samples obtained from cattle infected with foot-and-mouth disease virus. <i>Journal of Comparative Pathology</i> , 2012 , 146, 243-52	1	13
125	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. <i>Veterinary Microbiology</i> , 2012 , 154, 230-9	3.3	23
124	Virus survival in slurry: analysis of the stability of foot-and-mouth disease, classical swine fever, bovine viral diarrhoea and swine influenza viruses. <i>Veterinary Microbiology</i> , 2012 , 157, 41-9	3.3	53
123	Capsid coding sequences of foot-and-mouth disease viruses are determinants of pathogenicity in pigs. <i>Veterinary Research</i> , 2012 , 43, 46	3.8	15
122	Reconstruction of the transmission history of RNA virus outbreaks using full genome sequences: foot-and-mouth disease virus in Bulgaria in 2011. <i>PLoS ONE</i> , 2012 , 7, e49650	3.7	44
121	Culicoids as vectors of Schmallenberg virus. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1204-6	10.2	169
120	Modulation of translation initiation efficiency in classical swine fever virus. <i>Journal of Virology</i> , 2012 , 86, 8681-92	6.6	21
119	Rescue of foot-and-mouth disease viruses that are pathogenic for cattle from preserved viral RNA samples. <i>PLoS ONE</i> , 2011 , 6, e14621	3.7	27
118	Low diversity of foot-and-mouth disease serotype C virus in Kenya: evidence for probable vaccine strain re-introductions in the field. <i>Epidemiology and Infection</i> , 2011 , 139, 189-96	4.3	45
117	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. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 2049-62	4.5	55

116	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. <i>Veterinary Research</i> , 2011 , 42, 66	3.8	42
115	Genetic diversity of foot-and-mouth disease virus serotype O in Pakistan and Afghanistan, 1997-2009. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 1229-38	4.5	38
114	Evolutionary analysis of serotype A foot-and-mouth disease viruses circulating in Pakistan and Afghanistan during 2002-2009. <i>Journal of General Virology</i> , 2011 , 92, 2849-2864	4.9	33
113	Capsid proteins from field strains of foot-and-mouth disease virus confer a pathogenic phenotype in cattle on an attenuated, cell-culture-adapted virus. <i>Journal of General Virology</i> , 2011 , 92, 1141-1151	4.9	34
112	Structural features of the Seneca Valley virus internal ribosome entry site (IRES) element: a picornavirus with a pestivirus-like IRES. <i>Journal of Virology</i> , 2011 , 85, 4452-61	6.6	44
111	Foot-and-mouth disease virus 2C is a hexameric AAA+ protein with a coordinated ATP hydrolysis mechanism. <i>Journal of Biological Chemistry</i> , 2010 , 285, 24347-59	5.4	41
110	Bluetongue in Denmark during 2008. <i>Veterinary Record</i> , 2010 , 166, 714-8	0.9	9
109	Phylogenetic analyses of the polyprotein coding sequences of serotype O foot-and-mouth disease viruses in East Africa: evidence for interserotypic recombination. <i>Virology Journal</i> , 2010 , 7, 199	6.1	16
108	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. <i>Virology Journal</i> , 2010 , 7, 7	6.1	13
107	Insights into cleavage specificity from the crystal structure of foot-and-mouth disease virus 3C protease complexed with a peptide substrate. <i>Journal of Molecular Biology</i> , 2010 , 395, 375-89	6.5	47
106	Molecular characterization of SAT 2 foot-and-mouth disease virus from post-outbreak slaughtered animals: implications for disease control in Uganda. <i>Epidemiology and Infection</i> , 2010 , 138, 1204-10	4.3	16
105	Co-circulation of two extremely divergent serotype SAT 2 lineages in Kenya highlights challenges to foot-and-mouth disease control. <i>Archives of Virology</i> , 2010 , 155, 1625-30	2.6	13
104	Evolutionary analysis of foot-and-mouth disease virus serotype SAT 1 isolates from east Africa suggests two independent introductions from southern Africa. <i>BMC Evolutionary Biology</i> , 2010 , 10, 371	3	20
103	The role of African buffalos (<i>Syncerus caffer</i>) in the maintenance of foot-and-mouth disease in Uganda. <i>BMC Veterinary Research</i> , 2010 , 6, 54	2.7	41
102	Diversity and transboundary mobility of serotype O foot-and-mouth disease virus in East Africa: implications for vaccination policies. <i>Infection, Genetics and Evolution</i> , 2010 , 10, 1058-65	4.5	37
101	A dominant-negative mutant of rab5 inhibits infection of cells by foot-and-mouth disease virus: implications for virus entry. <i>Journal of Virology</i> , 2009 , 83, 6247-56	6.6	51
100	Divergent picornavirus IRES elements. <i>Virus Research</i> , 2009 , 139, 183-92	6.4	116
99	Foot-and-Mouth Disease 2009 ,		2

98	Dynamics of picornavirus RNA replication within infected cells. <i>Journal of General Virology</i> , 2008 , 89, 485-493	4.9	22
97	Monocistronic mRNAs containing defective hepatitis C virus-like picornavirus internal ribosome entry site elements in their 5' untranslated regions are efficiently translated in cells by a cap-dependent mechanism. <i>Rna</i> , 2008 , 14, 1671-80	5.8	22
96	Foot-and-mouth disease virus, but not bovine enterovirus, targets the host cell cytoskeleton via the nonstructural protein 3Cpro. <i>Journal of Virology</i> , 2008 , 82, 10556-66	6.6	39
95	The picornavirus avian encephalomyelitis virus possesses a hepatitis C virus-like internal ribosome entry site element. <i>Journal of Virology</i> , 2008 , 82, 1993-2003	6.6	40
94	Development of a novel recombinant encapsidated RNA particle: evaluation as an internal control for diagnostic RT-PCR. <i>Journal of Virological Methods</i> , 2007 , 146, 218-25	2.6	15
93	Significance of arginine 20 in the 2A protease for swine vesicular disease virus pathogenicity. <i>Journal of General Virology</i> , 2007 , 88, 2275-2279	4.9	
92	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. <i>Journal of Virology</i> , 2007 , 81, 1129-39	6.6	76
91	Identification of minimal sequences of the Rhopalosiphum padi virus 5' untranslated region required for internal initiation of protein synthesis in mammalian, plant and insect translation systems. <i>Journal of General Virology</i> , 2007 , 88, 1583-1588	4.9	18
90	Role of RNA structure and RNA binding activity of foot-and-mouth disease virus 3C protein in VPg uridylylation and virus replication. <i>Journal of Virology</i> , 2006 , 80, 9865-75	6.6	58
89	Functional analyses of RNA structures shared between the internal ribosome entry sites of hepatitis C virus and the picornavirus porcine teschovirus 1 Talfan. <i>Journal of Virology</i> , 2006 , 80, 1271-9	6.6	49
88	Hepatitis C virus-related internal ribosome entry sites are found in multiple genera of the family Picornaviridae. <i>Journal of General Virology</i> , 2006 , 87, 927-936	4.9	41
87	Caliciviruses differ in their functional requirements for eIF4F components. <i>Journal of Biological Chemistry</i> , 2006 , 281, 25315-25	5.4	102
86	Stabilized baculovirus vector expressing a heterologous gene and GP64 from a single bicistronic transcript. <i>Journal of Biotechnology</i> , 2006 , 123, 13-21	3.7	28
85	Functional characterization of IRESes by an inhibitor of the RNA helicase eIF4A. <i>Nature Chemical Biology</i> , 2006 , 2, 213-20	11.7	276
84	Translation and replication of FMDV RNA. <i>Current Topics in Microbiology and Immunology</i> , 2005 , 288, 43-70	3.3	111
83	A cross-kingdom internal ribosome entry site reveals a simplified mode of internal ribosome entry. <i>Molecular and Cellular Biology</i> , 2005 , 25, 7879-88	4.8	65
82	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. <i>Journal of Virology</i> , 2005 , 79, 7698-706	6.6	64
81	Importance of arginine 20 of the swine vesicular disease virus 2A protease for activity and virulence. <i>Journal of Virology</i> , 2005 , 79, 428-40	6.6	4

80	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. <i>Journal of Virology</i> , 2005 , 79, 4382-95	6.6	107
79	Functional and structural similarities between the internal ribosome entry sites of hepatitis C virus and porcine teschovirus, a picornavirus. <i>Journal of Virology</i> , 2004 , 78, 4487-97	6.6	93
78	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. <i>Journal of General Virology</i> , 2004 , 85, 2953-2962	4.9	29
77	Cleavage of eukaryotic translation initiation factor 4GII within foot-and-mouth disease virus-infected cells: identification of the L-protease cleavage site in vitro. <i>Journal of Virology</i> , 2004 , 78, 3271-8	6.6	76
76	The Rhopalosiphum padi virus 5' internal ribosome entry site is functional in Spodoptera frugiperda 21 cells and in their cell-free lysates: implications for the baculovirus expression system. <i>Journal of General Virology</i> , 2004 , 85, 1565-1569	4.9	33
75	Genome Organisation, Translation and Replication of Foot-and-Mouth Disease Virus RNA 2004 , 21-52		2
74	Rinderpest virus lineage differentiation using RT-PCR and SNAP-ELISA. <i>Journal of Virological Methods</i> , 2003 , 107, 29-36	2.6	13
73	Conserved nucleotides within the J domain of the encephalomyocarditis virus internal ribosome entry site are required for activity and for interaction with eIF4G. <i>Journal of Virology</i> , 2003 , 77, 12441-9	6.6	30
72	The foot-and-mouth disease virus cis-acting replication element (cre) can be complemented in trans within infected cells. <i>Journal of Virology</i> , 2003 , 77, 2243-6	6.6	18
71	Detection of all seven serotypes of foot-and-mouth disease virus by real-time, fluorogenic reverse transcription polymerase chain reaction assay. <i>Journal of Virological Methods</i> , 2002 , 105, 67-80	2.6	151
70	Unique characteristics of a picornavirus internal ribosome entry site from the porcine teschovirus-1 talfan. <i>Journal of Virology</i> , 2002 , 76, 11721-8	6.6	30
69	Conservation of L and 3C proteinase activities across distantly related aphthoviruses. <i>Journal of General Virology</i> , 2002 , 83, 3111-3121	4.9	31
68	Eukaryotic initiation factors 4A (eIF4A) and 4G (eIF4G) mutually interact in a 1:1 ratio in vivo. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29111-5	5.4	30
67	Induction of a protective response in swine vaccinated with DNA encoding foot-and-mouth disease virus empty capsid proteins and the 3D RNA polymerase. <i>Journal of General Virology</i> , 2001 , 82, 1713-1724	4.9	80
66	An attenuating mutation in the 2A protease of swine vesicular disease virus, a picornavirus, regulates cap- and internal ribosome entry site-dependent protein synthesis. <i>Journal of Virology</i> , 2001 , 75, 10643-50	6.6	23
65	Cleavage of translation initiation factor 4AI (eIF4AI) but not eIF4AII by foot-and-mouth disease virus 3C protease: identification of the eIF4AI cleavage site. <i>FEBS Letters</i> , 2001 , 507, 1-5	3.8	54
64	The 5' untranslated region of Rhopalosiphum padi virus contains an internal ribosome entry site which functions efficiently in mammalian, plant, and insect translation systems. <i>Journal of Virology</i> , 2001 , 75, 10244-9	6.6	68
63	Diagnosis of foot-and-mouth disease by real-time fluorogenic PCR assay. <i>Veterinary Record</i> , 2001 , 149, 621-3	0.9	37

62	A novel protein-RNA binding assay: functional interactions of the foot-and-mouth disease virus internal ribosome entry site with cellular proteins. <i>Rna</i> , 2001 , 7, 114-22	5.8	30
61	The requirement for eukaryotic initiation factor 4A (eIF4A) in translation is in direct proportion to the degree of mRNA 5' secondary structure. <i>Rna</i> , 2001 , 7, 382-94	5.8	342
60	ABC50 interacts with eukaryotic initiation factor 2 and associates with the ribosome in an ATP-dependent manner. <i>Journal of Biological Chemistry</i> , 2000 , 275, 34131-9	5.4	91
59	Analysis of the c-myc IRES; a potential role for cell-type specific trans-acting factors and the nuclear compartment. <i>Nucleic Acids Research</i> , 2000 , 28, 687-94	20.1	152
58	Foot-and-mouth disease virus 3C protease induces cleavage of translation initiation factors eIF4A and eIF4G within infected cells. <i>Journal of Virology</i> , 2000 , 74, 272-80	6.6	147
57	Picornavirus RNA translation: roles for cellular proteins. <i>Trends in Microbiology</i> , 2000 , 8, 330-5	12.4	108
56	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. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 4604-13	9.7	25
55	Replication-competent foot-and-mouth disease virus RNAs lacking capsid coding sequences. <i>Microbiology (United Kingdom)</i> , 2000 , 81, 1699-702	2.9	15
54	Caspases are not involved in the cleavage of translation initiation factor eIF4G1 during picornavirus infection. <i>Microbiology (United Kingdom)</i> , 2000 , 81, 1703-7	2.9	11
53	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. <i>Rna</i> , 1999 , 5, 1167-79	5.8	79
52	Localization of foot-and-mouth disease virus RNA by in situ hybridization within bovine tissues. <i>Virus Research</i> , 1999 , 62, 67-76	6.4	40
51	Differentiating infection from vaccination in foot-and-mouth disease using a panel of recombinant, non-structural proteins in ELISA. <i>Vaccine</i> , 1998 , 16, 446-59	4.1	112
50	Recognition of picornavirus internal ribosome entry sites within cells; influence of cellular and viral proteins. <i>Rna</i> , 1998 , 4, 520-9	5.8	92
49	Vaccinia virus protein synthesis has a low requirement for the intact translation initiation factor eIF4F, the cap-binding complex, within infected cells. <i>Journal of Virology</i> , 1998 , 72, 8813-9	6.6	29
48	The La autoantigen contains a dimerization domain that is essential for enhancing translation. <i>Molecular and Cellular Biology</i> , 1997 , 17, 163-9	4.8	79
47	Analysis of Picornavirus Internal Ribosome Entry Site Function in Vivo 1997 , 323-340		3
46	Complementation of defective picornavirus internal ribosome entry site (IRES) elements by the coexpression of fragments of the IRES. <i>Virology</i> , 1997 , 227, 53-62	3.6	36
45	Activation of the translational suppressor 4E-BP1 following infection with encephalomyocarditis virus and poliovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 5578-83	11.5	185

44	Strong buffering capacity of insect cells. Implications for the baculovirus expression system. <i>Cytotechnology</i> , 1995 , 17, 21-6	2.2	14
43	A hybrid baculovirus-bacteriophage T7 transient expression system. <i>Nature Biotechnology</i> , 1995 , 13, 261-4	44.5	6
42	Identification of critical amino acids within the foot-and-mouth disease virus leader protein, a cysteine protease. <i>Virology</i> , 1995 , 213, 140-6	3.6	78
41	Defective point mutants of the encephalomyocarditis virus internal ribosome entry site can be complemented in trans. <i>Virology</i> , 1995 , 214, 82-90	3.6	29
40	Assembly of foot-and-mouth disease virus empty capsids synthesized by a vaccinia virus expression system. <i>Journal of General Virology</i> , 1995 , 76 (Pt 12), 3089-98	4.9	95
39	Viral RNA modulates the acid sensitivity of foot-and-mouth disease virus capsids. <i>Journal of Virology</i> , 1995 , 69, 430-8	6.6	98
38	The role of the La autoantigen in internal initiation. <i>Current Topics in Microbiology and Immunology</i> , 1995 , 203, 85-98	3.3	32
37	PHAS-I as a link between mitogen-activated protein kinase and translation initiation. <i>Science</i> , 1994 , 266, 653-6	33.3	624
36	Insulin-dependent stimulation of protein synthesis by phosphorylation of a regulator of 5Qcap function. <i>Nature</i> , 1994 , 371, 762-7	50.4	1079
35	trans complementation by RNA of defective foot-and-mouth disease virus internal ribosome entry site elements. <i>Journal of Virology</i> , 1994 , 68, 697-703	6.6	36
34	Unprocessed foot-and-mouth disease virus capsid precursor displays discontinuous epitopes involved in viral neutralization. <i>Journal of Virology</i> , 1994 , 68, 4557-64	6.6	21
33	The two species of the foot-and-mouth disease virus leader protein, expressed individually, exhibit the same activities. <i>Virology</i> , 1993 , 194, 355-9	3.6	131
32	Distinctive features of foot-and-mouth disease virus, a member of the picornavirus family; aspects of virus protein synthesis, protein processing and structure. <i>Progress in Biophysics and Molecular Biology</i> , 1993 , 60, 241-60	4.7	233
31	trans complementation of cap-independent translation directed by poliovirus 5Qnoncoding region deletion mutants: evidence for RNA-RNA interactions. <i>Journal of Virology</i> , 1993 , 67, 6215-23	6.6	20
30	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. <i>Journal of General Virology</i> , 1992 , 73 (Pt 11), 3023-6	4.9	19
29	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. <i>Journal of Virology</i> , 1992 , 66, 1695-701	6.6	41
28	The Molecular Biology of the Morbilliviruses 1991 , 83-102		20
27	Myristoylation of foot-and-mouth disease virus capsid protein precursors is independent of other viral proteins and occurs in both mammalian and insect cells. <i>Journal of General Virology</i> , 1991 , 72 (Pt 3), 747-51	4.9	37

26	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. <i>Journal of General Virology</i> , 1991 , 72 (Pt 12), 3109-13	4.9	25
25	Intracellular expression and processing of foot-and-mouth disease virus capsid precursors using vaccinia virus vectors: influence of the L protease. <i>Virology</i> , 1990 , 176, 524-30	3.6	29
24	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. <i>Virology</i> , 1990 , 179, 26-34	3.6	179
23	Expression of cauliflower mosaic virus gene I using a baculovirus vector based upon the p10 gene and a novel selection method. <i>Virology</i> , 1990 , 179, 312-20	3.6	79
22	The role of the 5' nontranslated regions of the fusion protein mRNAs of canine distemper virus and rinderpest virus. <i>Virology</i> , 1990 , 177, 317-23	3.6	29
21	Expression of cauliflower mosaic virus gene I in insect cells using a novel polyhedrin-based baculovirus expression vector. <i>Journal of General Virology</i> , 1990 , 71 (Pt 10), 2201-9	4.9	91
20	A region of the 5' 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. <i>Journal of Virology</i> , 1990 , 64, 5389-95	6.6	143
19	Specificity of enzyme-substrate interactions in foot-and-mouth disease virus polyprotein processing. <i>Virology</i> , 1989 , 173, 35-45	3.6	89
18	Immunization with a vaccinia recombinant expressing the F protein protects rabbits from challenge with a lethal dose of rinderpest virus. <i>Virology</i> , 1989 , 170, 11-8	3.6	71
17	Immune response and protection of cattle and pigs generated by a vaccinia virus recombinant expressing the F protein of rinderpest virus. <i>Veterinary Record</i> , 1989 , 124, 655-8	0.9	31
16	Studies on the infectivity of foot-and-mouth disease virus RNA using microinjection. <i>Journal of General Virology</i> , 1988 , 69 (Pt 2), 265-74	4.9	26
15	Rinderpest virus fusion protein gene structure and immunogenicity. <i>Virus Research</i> , 1988 , 11, 79	6.4	2
14	Neutralization of foot-and-mouth disease virus can be mediated through any of at least three separate antigenic sites. <i>Journal of General Virology</i> , 1987 , 68 (Pt 6), 1637-47	4.9	133
13	Expression of polyoma virus middle-T antigen in <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1986 , 156, 413-21		16
12	The expression and properties of polyoma virus middle-T antigen in simian cells. <i>Virus Research</i> , 1986 , 4, 157-77	6.4	1
11	Protein kinases and insulin action in fat cells. <i>Biochemical Society Transactions</i> , 1984 , 12, 768-71	5.1	7
10	Biochemical properties of the 145,000-dalton super-T antigen from simian virus 40-transformed BALB/c 3T3 clone 20 cells. <i>Journal of Virology</i> , 1983 , 45, 1098-106	6.6	7
9	Reversibility of the insulin-stimulated phosphorylation of ATP citrate lyase and a cytoplasmic protein of subunit Mr 22000 in adipose tissue. <i>Biochemical Journal</i> , 1982 , 204, 345-52	3.8	30

8	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. <i>FEBS Letters</i> , 1981 , 124, 145-50	3.8	30
7	PROTEIN KINASE ACTIVITY ASSOCIATED WITH THE FAT CELL PLASMA MEMBRANE. <i>Biochemical Society Transactions</i> , 1981 , 9, 232P-232P	5.1	
6	EVIDENCE THAT THE ACTIVATION OF ACETYL COA CARBOXYLASE BY INSULIN IN WHITE ADIPOSE TISSUE INVOLVES CAMP-INDEPENDENT PHOSPHORYLATION. <i>Biochemical Society Transactions</i> , 1981 , 9, 232P-232P	5.1	
5	A partial view of the mechanism of insulin action. <i>Diabetologia</i> , 1981 , 21, 347-62	10.3	189
4	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. <i>Biochemical Journal</i> , 1980 , 192, 457-67		155
3	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 general phosphatase Q [proceedings]. <i>Biochemical Society Transactions</i> , 1980 , 8, 382-3	5.1	33
2	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. <i>Diabetologia</i> , 1980 , 18, 307-12	10.3	39
1	Foot-and-Mouth Disease1-9		1