

# Thomas C Mettenleiter

## List of Publications by Year in descending order

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193  
papers

9,573  
citations

36203

51  
h-index

48187

88  
g-index

203  
all docs

203  
docs citations

203  
times ranked

6881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Herpesvirus Assembly and Egress. <i>Journal of Virology</i> , 2002, 76, 1537-1547.	1.5	527
2	SARS-CoV-2 in fruit bats, ferrets, pigs, and chickens: an experimental transmission study. <i>Lancet Microbe</i> , The, 2020, 1, e218-e225.	3.4	434
3	Herpesvirus assembly: An update. <i>Virus Research</i> , 2009, 143, 222-234.	1.1	320
4	Aujeszky's disease (pseudorabies) virus: the virus and molecular pathogenesis - State of the art, June 1999. <i>Veterinary Research</i> , 2000, 31, 99-115.	1.1	296
5	Complete, Annotated Sequence of the Pseudorabies Virus Genome. <i>Journal of Virology</i> , 2004, 78, 424-440.	1.5	258
6	Budding events in herpesvirus morphogenesis. <i>Virus Research</i> , 2004, 106, 167-180.	1.1	231
7	The Interacting UL31 and UL34 Gene Products of Pseudorabies Virus Are Involved in Egress from the Host-Cell Nucleus and Represent Components of Primary Enveloped but Not Mature Virions. <i>Journal of Virology</i> , 2002, 76, 364-378.	1.5	214
8	Primary Envelopment of Pseudorabies Virus at the Nuclear Membrane Requires the UL34 Gene Product. <i>Journal of Virology</i> , 2000, 74, 10063-10073.	1.5	187
9	Structural Basis of Vesicle Formation at the Inner Nuclear Membrane. <i>Cell</i> , 2015, 163, 1692-1701.	13.5	180
10	Zoonotic Potential of Influenza A Viruses: A Comprehensive Overview. <i>Viruses</i> , 2018, 10, 497.	1.5	177
11	Suprachiasmatic nucleus: a central autonomic clock. <i>Nature Neuroscience</i> , 1999, 2, 1051-1053.	7.1	176
12	Newcastle disease virus expressing H5 hemagglutinin gene protects chickens against Newcastle disease and avian influenza. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8197-8202.	3.3	172
13	One Health: A new definition for a sustainable and healthy future. <i>PLoS Pathogens</i> , 2022, 18, e1010537.	2.1	171
14	Vesicle formation from the nuclear membrane is induced by coexpression of two conserved herpesvirus proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7241-7246.	3.3	162
15	The way out: what we know and do not know about herpesvirus nuclear egress. <i>Cellular Microbiology</i> , 2013, 15, 170-178.	1.1	152
16	Glycoprotein gIII deletion mutants of pseudorabies virus are impaired in virus entry. <i>Virology</i> , 1989, 171, 623-625.	1.1	150
17	Generation of recombinant lentogenic Newcastle disease virus from cDNA. <i>Journal of General Virology</i> , 1999, 80, 2987-2995.	1.3	148
18	Experimental Infection of Cattle with SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2020, 26, 2979-2981.	2.0	139

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19	Pseudorabies Virus Glycoprotein M Inhibits Membrane Fusion. <i>Journal of Virology</i> , 2000, 74, 6760-6768.	1.5	137
20	Effect of the pseudorabies virus US3 protein on nuclear membrane localization of the UL34 protein and virus egress from the nucleus. <i>Journal of General Virology</i> , 2001, 82, 2363-2371.	1.3	136
21	Entry of Pseudorabies Virus: an Immunogold-Labeling Study. <i>Journal of Virology</i> , 2005, 79, 3200-3205.	1.5	131
22	A glycoprotein gX- $\beta$ -galactosidase fusion gene as insertional marker for rapid identification of pseudorabies virus mutants. <i>Journal of Virological Methods</i> , 1990, 30, 55-65.	1.0	123
23	Synaptic and Neurotransmitter Activation of Cardiac Vagal Neurons in the Nucleus Ambiguus. <i>Annals of the New York Academy of Sciences</i> , 2001, 940, 237-246.	1.8	120
24	Molecular analysis of highly pathogenic avian influenza virus of subtype H5N1 isolated from wild birds and mammals in northern Germany. <i>Journal of General Virology</i> , 2007, 88, 554-558.	1.3	95
25	Intriguing interplay between viral proteins during herpesvirus assembly or: The herpesvirus assembly puzzle. <i>Veterinary Microbiology</i> , 2006, 113, 163-169.	0.8	92
26	The Pseudorabies Virus UL11 Protein Is a Virion Component Involved in Secondary Envelopment in the Cytoplasm. <i>Journal of Virology</i> , 2003, 77, 5339-5351.	1.5	91
27	Outbreaks among Wild Birds and Domestic Poultry Caused by Reassorted Influenza A(H5N8) Clade 2.3.4.4 Viruses, Germany, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 633-636.	2.0	89
28	Neuroimmune cardiovascular interfaces control atherosclerosis. <i>Nature</i> , 2022, 605, 152-159.	13.7	86
29	Rapid and reliable universal cloning of influenza A virus genes by target-primed plasmid amplification. <i>Nucleic Acids Research</i> , 2008, 36, e139-e139.	6.5	85
30	Joining the club: First detection of African swine fever in wild boar in Germany. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1744-1752.	1.3	85
31	Spatio-temporal Use of Oral Rabies Vaccines in Fox Rabies Elimination Programmes in Europe. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003953.	1.3	83
32	African Swine Fever in Wild Boar in Europe – A Review. <i>Viruses</i> , 2021, 13, 1717.	1.5	82
33	The Capsid-Associated UL25 Protein of the Alphaherpesvirus Pseudorabies Virus Is Nonessential for Cleavage and Encapsidation of Genomic DNA but Is Required for Nuclear Egress of Capsids. <i>Journal of Virology</i> , 2006, 80, 6235-6246.	1.5	81
34	Efficient inhibition of African swine fever virus replication by CRISPR/Cas9 targeting of the viral p30 gene (CP204L). <i>Scientific Reports</i> , 2018, 8, 1449.	1.6	81
35	Crystal Structure of the Herpesvirus Nuclear Egress Complex Provides Insights into Inner Nuclear Membrane Remodeling. <i>Cell Reports</i> , 2015, 13, 2645-2652.	2.9	80
36	Structure of a core fragment of glycoprotein H from pseudorabies virus in complex with antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22635-22640.	3.3	76

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37	Effects of Truncation of the Carboxy Terminus of Pseudorabies Virus Glycoprotein B on Infectivity. <i>Journal of Virology</i> , 2000, 74, 7137-7145.	1.5	75
38	Viral Pathogens and Immunity Mutations Affecting the UL21 Gene Contribute to Avirulence of Pseudorabies Virus Vaccine Strain Bartha. <i>Virology</i> , 1995, 212, 466-473.	1.1	74
39	Identification and Characterization of the Pseudorabies Virus Tegument Proteins UL46 and UL47: Role for UL47 in Virion Morphogenesis in the Cytoplasm. <i>Journal of Virology</i> , 2002, 76, 8820-8833.	1.5	73
40	Complex Formation between the UL16 and UL21 Tegument Proteins of Pseudorabies Virus. <i>Journal of Virology</i> , 2005, 79, 1510-1522.	1.5	72
41	Propagation of Pseudorabies Virus in the Nervous System of the Mouse after Intranasal Inoculation. <i>Virology</i> , 1994, 204, 616-625.	1.1	71
42	Pathogenesis of neurotropic herpesviruses: role of viral glycoproteins in neuroinvasion and transneuronal spread. <i>Virus Research</i> , 2003, 92, 197-206.	1.1	70
43	Glycoproteins Required for Entry Are Not Necessary for Egress of Pseudorabies Virus. <i>Journal of Virology</i> , 2008, 82, 6299-6309.	1.5	70
44	A Single Herpesvirus Protein Can Mediate Vesicle Formation in the Nuclear Envelope. <i>Journal of Biological Chemistry</i> , 2015, 290, 6962-6974.	1.6	70
45	Glycoprotein gL-Independent Infectivity of Pseudorabies Virus Is Mediated by a gD-gH Fusion Protein. <i>Journal of Virology</i> , 1999, 73, 3014-3022.	1.5	68
46	Breaching the Barrier – The Nuclear Envelope in Virus Infection. <i>Journal of Molecular Biology</i> , 2016, 428, 1949-1961.	2.0	65
47	Nuclear Envelope Breakdown Can Substitute for Primary Envelopment-Mediated Nuclear Egress of Herpesviruses. <i>Journal of Virology</i> , 2011, 85, 8285-8292.	1.5	64
48	Protection of chickens against H5N1 highly pathogenic avian influenza virus infection by live vaccination with infectious laryngotracheitis virus recombinants expressing H5 hemagglutinin and N1 neuraminidase. <i>Vaccine</i> , 2009, 27, 773-785.	1.7	59
49	The intracellular proteome of African swine fever virus. <i>Scientific Reports</i> , 2018, 8, 14714.	1.6	59
50	Swarm incursions of reassortants of highly pathogenic avian influenza virus strains H5N8 and H5N5, clade 2.3.4.4b, Germany, winter 2016/17. <i>Scientific Reports</i> , 2018, 8, 15.	1.6	57
51	Influence of Pseudorabies Virus Proteins on Neuroinvasion and Neurovirulence in Mice. <i>Journal of Virology</i> , 2006, 80, 5571-5576.	1.5	56
52	Nuclear Egress of Herpesviruses. <i>Advances in Virus Research</i> , 2016, 94, 81-140.	0.9	55
53	DNA sequence of the UL6 to UL20 genes of infectious laryngotracheitis virus and characterization of the UL10 gene product as a nonglycosylated and nonessential virion protein. <i>Journal of General Virology</i> , 1999, 80, 2173-2182.	1.3	52
54	γ-irradiated haemagglutinins produced in tobacco plants induce potentially neutralizing antibodies against H5N1 viruses in mice. <i>Plant Biotechnology Journal</i> , 2013, 11, 582-593.	4.1	50

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55	Evaluation of Six Commercially Available Rapid Immunochromatographic Tests for the Diagnosis of Rabies in Brain Material. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004776.	1.3	50
56	Structure-Function Dissection of Pseudorabies Virus Glycoprotein B Fusion Loops. <i>Journal of Virology</i> , 2018, 92, .	1.5	45
57	Highly Pathogenic Avian Influenza H5N8 Clade 2.3.4.4b in Germany in 2016/2017. <i>Frontiers in Veterinary Science</i> , 2017, 4, 240.	0.9	45
58	Identification of envelope protein pORF81 of koi herpesvirus. <i>Journal of General Virology</i> , 2008, 89, 896-900.	1.3	44
59	H9 avian influenza reassortant with engineered polybasic cleavage site displays a highly pathogenic phenotype in chicken. <i>Journal of General Virology</i> , 2011, 92, 1843-1853.	1.3	44
60	Analysis of Viral and Cellular Factors Influencing Herpesvirus-Induced Nuclear Envelope Breakdown. <i>Journal of Virology</i> , 2012, 86, 6512-6521.	1.5	42
61	Novel HPAIV H5N8 Reassortant (Clade 2.3.4.4b) Detected in Germany. <i>Viruses</i> , 2020, 12, 281.	1.5	41
62	Level of protection of chickens against highly pathogenic H5 avian influenza virus with Newcastle disease virus based live attenuated vector vaccine depends on homology of H5 sequence between vaccine and challenge virus. <i>Vaccine</i> , 2008, 26, 2307-2313.	1.7	40
63	Chimeric Newcastle Disease Virus Protects Chickens against Avian Influenza in the Presence of Maternally Derived NDV Immunity. <i>PLoS ONE</i> , 2013, 8, e72530.	1.1	40
64	Multimodal nanoparticles as alignment and correlation markers in fluorescence/soft X-ray cryo-microscopy/tomography of nucleoplasmic reticulum and apoptosis in mammalian cells. <i>Ultramicroscopy</i> , 2014, 146, 46-54.	0.8	38
65	Ecology and epidemiology of rabies in humans, domestic animals and wildlife in Namibia, 2011-2017. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007355.	1.3	38
66	Phenotypic similarities and differences between UL37-deleted pseudorabies virus and herpes simplex virus type 1. <i>Journal of General Virology</i> , 2009, 90, 1560-1568.	1.3	38
67	African swine fever virus survival in buried wild boar carcasses. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2086.	1.3	37
68	The UL47 gene of avian infectious laryngotracheitis virus is not essential for in vitro replication but is relevant for virulence in chickens. <i>Journal of General Virology</i> , 2007, 88, 732-742.	1.3	36
69	Polyvalent 2D Entry Inhibitors for Pseudorabies and African Swine Fever Virus. <i>Macromolecular Bioscience</i> , 2017, 17, 1600499.	2.1	36
70	Intracellular Processing of Pseudorabies Virus Glycoprotein M (gM): gM of Strain Bartha Lacks N-Glycosylation. <i>Virology</i> , 1997, 237, 113-122.	1.1	35
71	Live vaccination with an H5-hemagglutinin-expressing infectious laryngotracheitis virus recombinant protects chickens against different highly pathogenic avian influenza viruses of the H5 subtype. <i>Vaccine</i> , 2009, 27, 5085-5090.	1.7	35
72	Influence of Tegument Proteins of Pseudorabies Virus on Neuroinvasion and Transneuronal Spread in the Nervous System of Adult Mice after Intranasal Inoculation. <i>Journal of Virology</i> , 2004, 78, 2956-2966.	1.5	34

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73	Comparative studies on the genetic, antigenic and pathogenic characteristics of Bokeloh bat lyssavirus. <i>Journal of General Virology</i> , 2014, 95, 1647-1653.	1.3	34
74	Spatio-temporal Analysis of the Genetic Diversity of Arctic Rabies Viruses and Their Reservoir Hosts in Greenland. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004779.	1.3	34
75	Vaccination with Newcastle Disease Virus Vected Vaccine Protects Chickens Against Highly Pathogenic H7 Avian Influenza Virus. <i>Avian Diseases</i> , 2009, 53, 190-197.	0.4	33
76	Port d'Entrée for Respiratory Infections – Does the Influenza A Virus Pave the Way for Bacteria?. <i>Frontiers in Microbiology</i> , 2017, 8, 2602.	1.5	33
77	The Attenuated Pseudorabies Virus Vaccine Strain Bartha K61: A Brief Review on the Knowledge Gathered during 60 Years of Research. <i>Pathogens</i> , 2020, 9, 897.	1.2	33
78	The Neuraminidase Stalk Deletion Serves as Major Virulence Determinant of H5N1 Highly Pathogenic Avian Influenza Viruses in Chicken. <i>Scientific Reports</i> , 2015, 5, 13493.	1.6	32
79	High definition viral vaccine strain identity and stability testing using full-genome population data – The next generation of vaccine quality control. <i>Vaccine</i> , 2015, 33, 5829-5837.	1.7	32
80	Role of the cytoplasmic tails of pseudorabies virus glycoproteins B, E and M in intracellular localization and virion incorporation. <i>Journal of General Virology</i> , 2001, 82, 215-226.	1.3	32
81	Impaired T-cell responses in domestic pigs and wild boar upon infection with a highly virulent African swine fever virus strain. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 3016-3032.	1.3	31
82	Brief overview on cellular virus receptors. <i>Virus Research</i> , 2001, 82, 3-8.	1.1	30
83	Stability of African Swine Fever Virus in Soil and Options to Mitigate the Potential Transmission Risk. <i>Pathogens</i> , 2020, 9, 977.	1.2	30
84	Aujeszky's Disease and the Development of the Marker/DIVA Vaccination Concept. <i>Pathogens</i> , 2020, 9, 563.	1.2	28
85	Glycoprotein D-Independent Infectivity of Pseudorabies Virus Results in an Alteration of In Vivo Host Range and Correlates with Mutations in Glycoproteins B and H. <i>Journal of Virology</i> , 2001, 75, 10054-10064.	1.5	27
86	Identification, Subviral Localization, and Functional Characterization of the Pseudorabies Virus UL17 Protein. <i>Journal of Virology</i> , 2005, 79, 13442-13453.	1.5	27
87	Efficient Incorporation of Tegument Proteins pUL46, pUL49, and pUS3 into Pseudorabies Virus Particles Depends on the Presence of pUL21. <i>Journal of Virology</i> , 2007, 81, 1048-1051.	1.5	27
88	Coexpression of Avian Influenza Virus H5 and N1 by Recombinant Newcastle Disease Virus and the Impact on Immune Response in Chickens. <i>Avian Diseases</i> , 2011, 55, 413-421.	0.4	27
89	Different Regions of the Newcastle Disease Virus Fusion Protein Modulate Pathogenicity. <i>PLoS ONE</i> , 2014, 9, e113344.	1.1	27
90	Evidence of exposure of domestic pigs to Highly Pathogenic Avian Influenza H5N1 in Nigeria. <i>Scientific Reports</i> , 2018, 8, 5900.	1.6	27

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91	Deletion or green fluorescent protein tagging of the pUL35 capsid component of pseudorabies virus impairs virus replication in cell culture and neuroinvasion in mice. <i>Journal of General Virology</i> , 2008, 89, 1346-1351.	1.3	26
92	Pathogenicity and Immunogenicity of Different Recombinant Newcastle Disease Virus Clone 30 Variants After In Ovo Vaccination. <i>Avian Diseases</i> , 2012, 56, 208-217.	0.4	26
93	Immunization of pigs with an attenuated pseudorabies virus recombinant expressing the haemagglutinin of pandemic swine origin H1N1 influenza A virus. <i>Journal of General Virology</i> , 2014, 95, 948-959.	1.3	26
94	Functional Characterization of Nuclear Trafficking Signals in Pseudorabies Virus pUL31. <i>Journal of Virology</i> , 2015, 89, 2002-2012.	1.5	26
95	Common characteristics and unique features: A comparison of the fusion machinery of the alphaherpesviruses Pseudorabies virus and Herpes simplex virus. <i>Advances in Virus Research</i> , 2019, 104, 225-281.	0.9	25
96	W protein expression by Newcastle disease virus. <i>Virus Research</i> , 2019, 263, 207-216.	1.1	25
97	Experimental H1N1pdm09 infection in pigs mimics human seasonal influenza infections. <i>PLoS ONE</i> , 2019, 14, e0222943.	1.1	24
98	African swine fever: Why the situation in Germany is not comparable to that in the Czech Republic or Belgium. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2201-2208.	1.3	24
99	Knockout of the HMG domain of the porcine SRY gene causes sex reversal in gene-edited pigs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
100	Five unique open reading frames of infectious laryngotracheitis virus are expressed during infection but are dispensable for virus replication in cell culture. <i>Journal of General Virology</i> , 2003, 84, 1415-1425.	1.3	23
101	Identification of transcripts and protein products of the UL31, UL37, UL46, UL47, UL48, UL49 and US4 gene homologues of avian infectious laryngotracheitis virus. <i>Journal of General Virology</i> , 2007, 88, 719-731.	1.3	23
102	Newcastle disease virus mediates pancreatic tumor rejection via NK cell activation and prevents cancer relapse by prompting adaptive immunity. <i>International Journal of Cancer</i> , 2017, 141, 2505-2516.	2.3	23
103	Variable impact of the hemagglutinin polybasic cleavage site on virulence and pathogenesis of avian influenza H7N7 virus in chickens, turkeys and ducks. <i>Scientific Reports</i> , 2019, 9, 11556.	1.6	23
104	Efficacy of the oral rabies virus vaccine strain SPBN GASCAS in foxes and raccoon dogs. <i>Vaccine</i> , 2019, 37, 4750-4757.	1.7	23
105	Immunization with Plant-Derived Multimeric H5 Hemagglutinins Protect Chicken against Highly Pathogenic Avian Influenza Virus H5N1. <i>Vaccines</i> , 2020, 8, 593.	2.1	22
106	Pseudorabies virus particles lacking tegument proteins pUL11 or pUL16 incorporate less full-length pUL36 than wild-type virus, but specifically accumulate a pUL36 N-terminal fragment. <i>Journal of General Virology</i> , 2006, 87, 3503-3507.	1.3	21
107	Porcine Invariant Natural Killer T Cells: Functional Profiling and Dynamics in Steady State and Viral Infections. <i>Frontiers in Immunology</i> , 2019, 10, 1380.	2.2	21
108	Fighting Dog-Mediated Rabies in Namibia – Implementation of a Rabies Elimination Program in the Northern Communal Areas. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 12.	0.9	21

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109	Structure-Based Mutational Analysis of the Highly Conserved Domain IV of Glycoprotein H of Pseudorabies Virus. <i>Journal of Virology</i> , 2012, 86, 8002-8013.	1.5	20
110	Molecular double-check strategy for the identification and characterization of Suid herpesvirus 1. <i>Journal of Virological Methods</i> , 2014, 209, 110-115.	1.0	20
111	Integrity of the Linker of Nucleoskeleton and Cytoskeleton Is Required for Efficient Herpesvirus Nuclear Egress. <i>Journal of Virology</i> , 2017, 91, .	1.5	20
112	The Cellular Protein CAD is Recruited into Ebola Virus Inclusion Bodies by the Nucleoprotein NP to Facilitate Genome Replication and Transcription. <i>Cells</i> , 2020, 9, 1126.	1.8	20
113	Prevalence of the C-terminal truncations of NS1 in avian influenza A viruses and effect on virulence and replication of a highly pathogenic H7N1 virus in chickens. <i>Virulence</i> , 2016, 7, 546-557.	1.8	19
114	A Semiquantitative Scoring System for Histopathological and Immunohistochemical Assessment of Lesions and Tissue Tropism in Avian Influenza. <i>Viruses</i> , 2021, 13, 868.	1.5	19
115	Experimental Transmission Studies of SARS-CoV-2 in Fruit Bats, Ferrets, Pigs and Chickens. <i>SSRN Electronic Journal</i> , 0, , .	0.4	19
116	Mutations in Pseudorabies Virus Glycoproteins gB, gD, and gH Functionally Compensate for the Absence of gL. <i>Journal of Virology</i> , 2016, 90, 2264-2272.	1.5	18
117	Defining objective clusters for rabies virus sequences using affinity propagation clustering. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006182.	1.3	18
118	Structure-Based Functional Analyses of Domains II and III of Pseudorabies Virus Glycoprotein H. <i>Journal of Virology</i> , 2015, 89, 1364-1376.	1.5	17
119	Composition of the Hemagglutinin Polybasic Proteolytic Cleavage Motif Mediates Variable Virulence of H7N7 Avian Influenza Viruses. <i>Scientific Reports</i> , 2016, 6, 39505.	1.6	17
120	The Recently Discovered Bokeloh Bat Lyssavirus: Insights Into Its Genetic Heterogeneity and Spatial Distribution in Europe and the Population Genetics of Its Primary Host. <i>Advances in Virus Research</i> , 2017, 99, 199-232.	0.9	17
121	Lagos bat virus transmission in an <i>Eidolon helvum</i> bat colony, Ghana. <i>Virus Research</i> , 2015, 210, 42-45.	1.1	16
122	Identification and characterization of the 285L and K145R proteins of African swine fever virus. <i>Journal of General Virology</i> , 2019, 100, 1303-1314.	1.3	16
123	Identification of Conserved Amino Acids in pUL34 Which Are Critical for Function of the Pseudorabies Virus Nuclear Egress Complex. <i>Journal of Virology</i> , 2014, 88, 6224-6231.	1.5	15
124	Analysis of the bovine plasma proteome by matrix-assisted laser desorption/ionisation time-of-flight tandem mass spectrometry. <i>Veterinary Journal</i> , 2014, 199, 175-180.	0.6	15
125	Dimerization-Induced Allosteric Changes of the Oxyanion-Hole Loop Activate the Pseudorabies Virus Assemblin pUL26N, a Herpesvirus Serine Protease. <i>PLoS Pathogens</i> , 2015, 11, e1005045.	2.1	15
126	Vesicular Nucleo-Cytoplasmic Transport of Herpesviruses as Pioneers in Cell Biology. <i>Viruses</i> , 2016, 8, 266.	1.5	15



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127	Functional Characterization of Glycoprotein H Chimeras Composed of Conserved Domains of the Pseudorabies Virus and Herpes Simplex Virus 1 Homologs. <i>Journal of Virology</i> , 2016, 90, 421-432.	1.5	15
128	Biological fitness and natural selection of amantadine resistant variants of avian influenza H5N1 viruses. <i>Virus Research</i> , 2017, 228, 109-113.	1.1	15
129	An improved animal model for herpesvirus encephalitis in humans. <i>PLoS Pathogens</i> , 2020, 16, e1008445.	2.1	15
130	Tâ€cell responses in domestic pigs and wild boar upon infection with the moderately virulent African swine fever virus strain â€Estonia2014â€™. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2733-2749.	1.3	15
131	A novel alphaherpesvirus associated with fatal diseases in banded Penguins. <i>Journal of General Virology</i> , 2017, 98, 89-95.	1.3	15
132	Comparison of the Proteomes of Porcine Macrophages and a Stable Porcine Cell Line after Infection with African Swine Fever Virus. <i>Viruses</i> , 2021, 13, 2198.	1.5	15
133	Improved Subtyping of Avian Influenza Viruses Using an RT-qPCR-Based Low Density Array: â€Riems Influenza a Typing Arrayâ€™, Version 2 (RITA-2). <i>Viruses</i> , 2022, 14, 415.	1.5	15
134	Herpesvirus nuclear egress: Pseudorabies Virus can simultaneously induce nuclear envelope breakdown and exit the nucleus via the envelopmentâ€development-pathway. <i>Virus Research</i> , 2015, 209, 76-86.	1.1	14
135	A Unique Multibasic Proteolytic Cleavage Site and Three Mutations in the HA2 Domain Confer High Virulence of H7N1 Avian Influenza Virus in Chickens. <i>Journal of Virology</i> , 2016, 90, 400-411.	1.5	14
136	Efficient transgene insertion in a pseudorabies virus vector by CRISPR/Cas9 and marker rescue-enforced recombination. <i>Journal of Virological Methods</i> , 2018, 262, 38-47.	1.0	14
137	In-depth genome analyses of viruses from vaccine-derived rabies cases and corresponding live-attenuated oral rabies vaccines. <i>Vaccine</i> , 2019, 37, 4758-4765.	1.7	14
138	<i>In Vitro</i> Viral Evolution Identifies a Critical Residue in the Alphaherpesvirus Fusion Glycoprotein B Ectodomain That Controls gH/gL-Independent Entry. <i>MBio</i> , 2021, 12, .	1.8	14
139	The Highly Conserved Proline at Position 438 in Pseudorabies Virus gH Is Important for Regulation of Membrane Fusion. <i>Journal of Virology</i> , 2014, 88, 13064-13072.	1.5	13
140	An alternative method for serum protein depletion/enrichment by precipitation at mildly acidic pH values and low ionic strength. <i>Proteomics</i> , 2015, 15, 1935-1940.	1.3	13
141	Functional Relevance of the N-Terminal Domain of Pseudorabies Virus Envelope Glycoprotein H and Its Interaction with Glycoprotein L. <i>Journal of Virology</i> , 2017, 91, .	1.5	13
142	Lysine 242 within Helix 10 of the Pseudorabies Virus Nuclear Egress Complex pUL31 Component Is Critical for Primary Envelopment of Nucleocapsids. <i>Journal of Virology</i> , 2017, 91, .	1.5	13
143	Roles of the Different Isoforms of the Pseudorabies Virus Protein Kinase pUS3 in Nuclear Egress. <i>Journal of Virology</i> , 2020, 94, .	1.5	13
144	Generation of a potential koi herpesvirus live vaccine by simultaneous deletion of the viral thymidine kinase and dUTPase genes. <i>Journal of General Virology</i> , 2019, 100, 642-655.	1.3	13

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