

Martin Beer

List of Publications by Year in descending order

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Version: 2024-02-01

375
papers

17,513
citations

15466

65
h-index

26548

107
g-index

406
all docs

406
docs citations

406
times ranked

14235
citing authors

#	ARTICLE	IF	CITATIONS
1	Animal models for COVID-19. <i>Nature</i> , 2020, 586, 509-515.	13.7	705
2	Novel Orthobunyavirus in Cattle, Europe, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 469-472.	2.0	553
3	SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , 2021, 592, 122-127.	13.7	440
4	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
5	A universal heterologous internal control system for duplex real-time RT-PCR assays used in a detection system for pestiviruses. <i>Journal of Virological Methods</i> , 2006, 136, 200-209.	1.0	357
6	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	0.9	285
7	Pathogenesis of African swine fever in domestic pigs and European wild boar. <i>Virus Research</i> , 2013, 173, 122-130.	1.1	253
8	A Variegated Squirrel Bornavirus Associated with Fatal Human Encephalitis. <i>New England Journal of Medicine</i> , 2015, 373, 154-162.	13.9	217
9	Validation of a real-time RT-PCR assay for sensitive and specific detection of classical swine fever. <i>Journal of Virological Methods</i> , 2005, 130, 36-44.	1.0	216
10	Genetic and antigenic characterization of an atypical pestivirus isolate, a putative member of a novel pestivirus species. <i>Journal of General Virology</i> , 2004, 85, 3647-3652.	1.3	213
11	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020, 12, 779.	1.5	192
12	Classical Swine Fever – An Updated Review. <i>Viruses</i> , 2017, 9, 86.	1.5	189
13	Evidence for Novel Hepaciviruses in Rodents. <i>PLoS Pathogens</i> , 2013, 9, e1003438.	2.1	187
14	African swine fever – A review of current knowledge. <i>Virus Research</i> , 2020, 287, 198099.	1.1	187
15	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyvirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	0.9	184
16	A review of RT-PCR technologies used in veterinary virology and disease control: Sensitive and specific diagnosis of five livestock diseases notifiable to the World Organisation for Animal Health. <i>Veterinary Microbiology</i> , 2009, 139, 1-23.	0.8	183
17	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017, 162, 2493-2504.	0.9	173
18	Organ distribution of Schmallenberg virus RNA in malformed newborns. <i>Veterinary Microbiology</i> , 2012, 159, 236-238.	0.8	169

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19	“Schmallenberg virus” a novel orthobunyavirus emerging in Europe. <i>Epidemiology and Infection</i> , 2013, 141, 1-8.	1.0	161
20	Course and transmission characteristics of oral low-dose infection of domestic pigs and European wild boar with a Caucasian African swine fever virus isolate. <i>Archives of Virology</i> , 2015, 160, 1657-1667.	0.9	158
21	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	0.9	157
22	Influenza A viruses escape from MxA restriction at the expense of efficient nuclear vRNP import. <i>Scientific Reports</i> , 2016, 6, 23138.	1.6	146
23	An avirulent chimeric Pestivirus with altered cell tropism protects pigs against lethal infection with classical swine fever virus. <i>Virology</i> , 2004, 322, 143-157.	1.1	145
24	Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2020, 26, 2982-2985.	2.0	142
25	Experimental Infection of Cattle with SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2020, 26, 2979-2981.	2.0	139
26	Epizootic Emergence of Usutu Virus in Wild and Captive Birds in Germany. <i>PLoS ONE</i> , 2012, 7, e32604.	1.1	129
27	Characterization of African Swine Fever Virus Caucasus Isolate in European Wild Boars. <i>Emerging Infectious Diseases</i> , 2011, 17, 2342-2345.	2.0	128
28	Emergence and spread of novel H5N8, H5N5 and H5N1 clade 2.3.4.4 highly pathogenic avian influenza in 2020. <i>Emerging Microbes and Infections</i> , 2021, 10, 148-151.	3.0	125
29	Novel Bluetongue Virus in Goats, Corsica, France, 2014. <i>Emerging Infectious Diseases</i> , 2014, 20, 2123-2132.	2.0	123
30	Deletion at the 5' end of Estonian ASFV strains associated with an attenuated phenotype. <i>Scientific Reports</i> , 2018, 8, 6510.	1.6	118
31	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 927-941.	0.9	115
32	Novel marker vaccines against classical swine fever. <i>Vaccine</i> , 2007, 25, 5665-5670.	1.7	114
33	Comparison of Porcine Epidemic Diarrhea Viruses from Germany and the United States, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 493-496.	2.0	111
34	Riems influenza a typing array (RITA): An RT-qPCR-based low density array for subtyping avian and mammalian influenza a viruses. <i>Scientific Reports</i> , 2016, 6, 27211.	1.6	110
35	Phylogenetic analyses of highly pathogenic avian influenza virus isolates from Germany in 2006 and 2007 suggest at least three separate introductions of H5N1 virus. <i>Veterinary Microbiology</i> , 2008, 128, 243-252.	0.8	109
36	Fatal Encephalitic Borna Disease Virus 1 in Solid-Organ Transplant Recipients. <i>New England Journal of Medicine</i> , 2018, 379, 1377-1379.	13.9	106

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37	A Versatile Sample Processing Workflow for Metagenomic Pathogen Detection. <i>Scientific Reports</i> , 2018, 8, 13108.	1.6	106
38	Transatlantic spread of highly pathogenic avian influenza H5N1 by wild birds from Europe to North America in 2021. <i>Scientific Reports</i> , 2022, 12, .	1.6	106
39	Highly Pathogenic Avian Influenza Virus Infection of Mallards with Homo- and Heterosubtypic Immunity Induced by Low Pathogenic Avian Influenza Viruses. <i>PLoS ONE</i> , 2009, 4, e6706.	1.1	98
40	Zoonotic spillover infections with Borna disease virus 1 leading to fatal human encephalitis, 1999â€”2019: an epidemiological investigation. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 467-477.	4.6	96
41	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
42	Biological characterization of African swine fever virus genotype II strains from north-eastern Estonia in European wild boar. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 2034-2041.	1.3	94
43	Epidemiology of Bluetongue Virus Serotype 8, Germany. <i>Emerging Infectious Diseases</i> , 2009, 15, 433-435.	2.0	93
44	Highly pathogenic avian influenza virus H5N1 from Egypt escapes vaccine-induced immunity but confers clinical protection against a heterologous clade 2.2.1 Egyptian isolate. <i>Vaccine</i> , 2011, 29, 5567-5573.	1.7	92
45	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , 2019, 567, 109-112.	13.7	91
46	High Virulence of African Swine Fever Virus Caucasus Isolate in European Wild Boars of All Ages. <i>Emerging Infectious Diseases</i> , 2012, 18, 708.	2.0	90
47	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
48	Occurrence of Antibodies against SARS-CoV-2 in the Domestic Cat Population of Germany. <i>Vaccines</i> , 2020, 8, 772.	2.1	88
49	Exploring the Reservoir Hosts of Tick-Borne Encephalitis Virus. <i>Viruses</i> , 2019, 11, 669.	1.5	87
50	Epidemiological and Ornithological Aspects of Outbreaks of Highly Pathogenic Avian Influenza Virus H5N1 of Asian Lineage in Wild Birds in Germany, 2006 and 2007. <i>Transboundary and Emerging Diseases</i> , 2009, 56, 57-72.	1.3	86
51	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
52	West Nile Virus Epidemic in Germany Triggered by Epizootic Emergence, 2019. <i>Viruses</i> , 2020, 12, 448.	1.5	85
53	African Swine Fever in Wild Boar in Europeâ€”A Review. <i>Viruses</i> , 2021, 13, 1717.	1.5	82
54	Classification of Cowpox Viruses into Several Distinct Clades and Identification of a Novel Lineage. <i>Viruses</i> , 2017, 9, 142.	1.5	81

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55	Bluetongue virus serotype 27: detection and characterization of two novel variants in Corsica, France. <i>Journal of General Virology</i> , 2016, 97, 2073-2083.	1.3	81
56	An infectious bat-derived chimeric influenza virus harbouring the entry machinery of an influenza A virus. <i>Nature Communications</i> , 2014, 5, 4448.	5.8	80
57	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta. <i>Nature</i> , 2022, 602, 307-313.	13.7	79
58	Goats and sheep as sentinels for tick-borne encephalitis (TBE) virus – Epidemiological studies in areas endemic and non-endemic for TBE virus in Germany. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 27-37.	1.1	78
59	A novel astrovirus associated with encephalitis and ganglionitis in domestic sheep. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 677-682.	1.3	76
60	Surveillance of European Domestic Pig Populations Identifies an Emerging Reservoir of Potentially Zoonotic Swine Influenza A Viruses. <i>Cell Host and Microbe</i> , 2020, 28, 614-627.e6.	5.1	76
61	Implicating Culicoides Biting Midges as Vectors of Schmallenberg Virus Using Semi-Quantitative RT-PCR. <i>PLoS ONE</i> , 2013, 8, e57747.	1.1	75
62	Oral exposure, reinfection and cellular immunity to Schmallenberg virus in cattle. <i>Veterinary Microbiology</i> , 2013, 165, 155-159.	0.8	74
63	Epizootic Spread of Schmallenberg Virus among Wild Cervids, Belgium, Fall 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 2006-2008.	2.0	73
64	RIEMS: a software pipeline for sensitive and comprehensive taxonomic classification of reads from metagenomics datasets. <i>BMC Bioinformatics</i> , 2015, 16, 69.	1.2	73
65	Influenza A(H5N8) Virus Similar to Strain in Korea Causing Highly Pathogenic Avian Influenza in Germany. <i>Emerging Infectious Diseases</i> , 2015, 21, 860-863.	2.0	73
66	High Prevalence of Highly Variable Atypical Porcine Pestiviruses Found in Germany. <i>Transboundary and Emerging Diseases</i> , 2017, 64, e22-e26.	1.3	73
67	Classical swine fever vaccines – State-of-the-art. <i>Veterinary Microbiology</i> , 2017, 206, 10-20.	0.8	73
68	Schmallenberg virus – Two years of experiences. <i>Preventive Veterinary Medicine</i> , 2014, 116, 423-434.	0.7	71
69	A cluster of two human cases of tick-borne encephalitis (TBE) transmitted by unpasteurised goat milk and cheese in Germany, May 2016. <i>Eurosurveillance</i> , 2018, 23, .	3.9	71
70	Pathogenesis of African swine fever in domestic pigs and European wild boar – Lessons learned from recent animal trials. <i>Virus Research</i> , 2019, 271, 197614.	1.1	70
71	Molecular epidemiology of current classical swine fever virus isolates of wild boar in Germany. <i>Journal of General Virology</i> , 2010, 91, 2687-2697.	1.3	67
72	Culicoides Biting Midges – Underestimated Vectors for Arboviruses of Public Health and Veterinary Importance. <i>Viruses</i> , 2019, 11, 376.	1.5	67

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73	Schmallenberg virus experimental infection of sheep. <i>Veterinary Microbiology</i> , 2013, 166, 461-466.	0.8	66
74	Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1779-1785.	1.3	66
75	Detection of a Novel Bovine Astrovirus in a Cow with Encephalitis. <i>Transboundary and Emerging Diseases</i> , 2016, 63, 253-259.	1.3	64
76	Has Epizootic Become Enzootic? Evidence for a Fundamental Change in the Infection Dynamics of Highly Pathogenic Avian Influenza in Europe, 2021. <i>MBio</i> , 2022, 13, .	1.8	64
77	Validation of a Commercially Available Indirect Elisa Using a Nucleocapside Recombinant Protein for Detection of Schmallenberg Virus Antibodies. <i>PLoS ONE</i> , 2013, 8, e53446.	1.1	63
78	No evidence for long-term carrier status of pigs after African swine fever virus infection. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1318-1328.	1.3	63
79	Co-circulation of genetically distinct highly pathogenic avian influenza A clade 2.3.4.4 (H5N6) viruses in wild waterfowl and poultry in Europe and East Asia, 2017-18. <i>Virus Evolution</i> , 2019, 5, vez004.	2.2	63
80	Characterization of bluetongue virus serotype 28. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 171-182.	1.3	63
81	Genesis and spread of multiple reassortants during the 2016/2017 H5 avian influenza epidemic in Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20814-20825.	3.3	63
82	A novel European H5N8 influenza A virus has increased virulence in ducks but low zoonotic potential. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-14.	3.0	62
83	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	0.9	62
84	Advances and gaps in SARS-CoV-2 infection models. <i>PLoS Pathogens</i> , 2022, 18, e1010161.	2.1	61
85	Schmallenberg virus challenge models in cattle: infectious serum or culture-grown virus?. <i>Veterinary Research</i> , 2012, 43, 84.	1.1	60
86	Universal Primer Set for Amplification and Sequencing of HA Cleavage Sites of All Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2561-2567.	1.8	59
87	Schmallenberg Virus in Calf Born at Term with Porencephaly, Belgium. <i>Emerging Infectious Diseases</i> , 2012, 18, 1005-6.	2.0	59
88	Schmallenberg virus, a novel orthobunyavirus infection in ruminants in Europe: Potential global impact and preventive measures. <i>New Zealand Veterinary Journal</i> , 2013, 61, 63-67.	0.4	59
89	Schmallenberg Virus Recurrence, Germany, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1202-1204.	2.0	59
90	Relatives of rubella virus in diverse mammals. <i>Nature</i> , 2020, 586, 424-428.	13.7	58

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91	CP7_E2alf: A safe and efficient marker vaccine strain for oral immunisation of wild boar against Classical swine fever virus (CSFV). <i>Vaccine</i> , 2007, 25, 3391-3399.	1.7	57
92	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
93	The neuropathology of fatal encephalomyelitis in human Borna virus infection. <i>Acta Neuropathologica</i> , 2019, 138, 653-665.	3.9	57
94	Dynamics of Specific Antibody Responses Induced in Mallards After Infection by or Immunization with Low Pathogenicity Avian Influenza Viruses. <i>Avian Diseases</i> , 2010, 54, 79-85.	0.4	56
95	Porcine Epidemic Diarrhea in Europe: In-Detail Analyses of Disease Dynamics and Molecular Epidemiology. <i>Viruses</i> , 2017, 9, 177.	1.5	56
96	Avian influenza virus monitoring in wintering waterbirds in Iran, 2003-2007. <i>Virology Journal</i> , 2010, 7, 43.	1.4	54
97	Bluetongue virus serotype 27: Experimental infection of goats, sheep and cattle with three BTV-27 variants reveal atypical characteristics and likely direct contact transmission BTV-27 between goats. <i>Transboundary and Emerging Diseases</i> , 2018, 65, e251-e263.	1.3	53
98	Tick-borne encephalitis virus (TBEV) infection in horses: Clinical and laboratory findings and epidemiological investigations. <i>Veterinary Microbiology</i> , 2013, 163, 368-372.	0.8	52
99	Genetic variability and distribution of Classical swine fever virus. <i>Animal Health Research Reviews</i> , 2015, 16, 33-39.	1.4	50
100	Pitfalls in SARS-CoV-2 PCR diagnostics. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 253-257.	1.3	50
101	Porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 855-866.	0.5	49
102	Modified live marker vaccine candidate CP7_E2alf provides early onset of protection against lethal challenge infection with classical swine fever virus after both intramuscular and oral immunization. <i>Vaccine</i> , 2009, 27, 6522-6529.	1.7	48
103	Orthobunyavirus spike architecture and recognition by neutralizing antibodies. <i>Nature Communications</i> , 2019, 10, 879.	5.8	47
104	Highly Pathogenic Avian Influenza Virus (H5N1) in Frozen Duck Carcasses, Germany, 2007. <i>Emerging Infectious Diseases</i> , 2009, 15, 272-279.	2.0	46
105	Development and validation of a triplex real-time PCR assay for the rapid detection and differentiation of wild-type and glycoprotein E-deleted vaccine strains of Bovine herpesvirus type 1. <i>Journal of Virological Methods</i> , 2011, 174, 77-84.	1.0	46
106	Evolutionary trajectories and diagnostic challenges of potentially zoonotic avian influenza viruses H5N1 and H9N2 co-circulating in Egypt. <i>Infection, Genetics and Evolution</i> , 2015, 34, 278-291.	1.0	46
107	Rapid Genome Detection of Schmallenberg Virus and Bovine Viral Diarrhea Virus by Use of Isothermal Amplification Methods and High-Speed Real-Time Reverse Transcriptase PCR. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1883-1892.	1.8	45
108	Deletion Mutants of Schmallenberg Virus Are Avirulent and Protect from Virus Challenge. <i>Journal of Virology</i> , 2015, 89, 1825-1837.	1.5	45

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109	Tick infestation in birds and prevalence of pathogens in ticks collected from different places in Germany. <i>Parasitology Research</i> , 2016, 115, 2729-2740.	0.6	45
110	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
111	The African swine fever virus isolate Belgium 2018/1 shows high virulence in European wild boar. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1654-1659.	1.3	45
112	CVnCoV and CV2CoV protect human ACE2 transgenic mice from ancestral B BavPat1 and emerging B.1.351 SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 4048.	5.8	45
113	Tick-borne encephalitis in a naturally infected sheep. <i>BMC Veterinary Research</i> , 2017, 13, 267.	0.7	44
114	A mutation "hot spot" in the Schmallenberg virus M segment. <i>Journal of General Virology</i> , 2013, 94, 1161-1167.	1.3	43
115	New real-time reverse transcriptase polymerase chain reactions facilitate detection and differentiation of novel A/H1N1 influenza virus in porcine and human samples. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2010, 123, 286-92.	0.7	43
116	Virulence, immunogenicity and vaccine properties of a novel chimeric pestivirus. <i>Journal of General Virology</i> , 2007, 88, 481-486.	1.3	42
117	Differentiation of C-strain "Riems" or CP7_E2alf vaccinated animals from animals infected by classical swine fever virus field strains using real-time RT-PCR. <i>Journal of Virological Methods</i> , 2009, 158, 114-122.	1.0	42
118	Bat influenza viruses transmit among bats but are poorly adapted to non-bat species. <i>Nature Microbiology</i> , 2019, 4, 2298-2309.	5.9	42
119	Recommendations for the introduction of metagenomic high-throughput sequencing in clinical virology, part I: Wet lab procedure. <i>Journal of Clinical Virology</i> , 2021, 134, 104691.	1.6	42
120	Ducks as Sentinels for Avian Influenza in Wild Birds. <i>Emerging Infectious Diseases</i> , 2009, 15, 1633-1636.	2.0	41
121	Towards licensing of CP7_E2alf as marker vaccine against classical swine fever "Duration of immunity. <i>Vaccine</i> , 2012, 30, 2928-2936.	1.7	41
122	Six Years (2011-2016) of Mandatory Nationwide Bovine Viral Diarrhea Control in Germany "A Success Story. <i>Pathogens</i> , 2017, 6, 50.	1.2	41
123	Human bornavirus research: Back on track!. <i>PLoS Pathogens</i> , 2019, 15, e1007873.	2.1	41
124	A Deep-Sequencing Workflow for the Fast and Efficient Generation of High-Quality African Swine Fever Virus Whole-Genome Sequences. <i>Viruses</i> , 2019, 11, 846.	1.5	41
125	Novel HPAIV H5N8 Reassortant (Clade 2.3.4.4b) Detected in Germany. <i>Viruses</i> , 2020, 12, 281.	1.5	41
126	Generation of recombinant pestiviruses using a full-genome amplification strategy. <i>Veterinary Microbiology</i> , 2010, 142, 13-17.	0.8	40

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127	Detection of classical swine fever vaccine virus in blood and tissue samples of pigs vaccinated either with a conventional C-strain vaccine or a modified live marker vaccine. <i>Veterinary Microbiology</i> , 2007, 120, 343-351.	0.8	39
128	Simple, Sensitive, and Swift Sequencing of Complete H5N1 Avian Influenza Virus Genomes. <i>Journal of Clinical Microbiology</i> , 2009, 47, 674-679.	1.8	39
129	Efficacy of marker vaccine candidate CP7_E2alf against challenge with classical swine fever virus isolates of different genotypes. <i>Veterinary Microbiology</i> , 2014, 169, 8-17.	0.8	39
130	Simultaneous detection of five notifiable viral diseases of cattle by single-tube multiplex real-time RT-PCR. <i>Journal of Virological Methods</i> , 2015, 217, 28-35.	1.0	39
131	BVD-2 outbreak leads to high losses in cattle farms in Western Germany. <i>Heliyon</i> , 2015, 1, e00019.	1.4	39
132	Out of the Reservoir: Phenotypic and Genotypic Characterization of a Novel Cowpox Virus Isolated from a Common Vole. <i>Journal of Virology</i> , 2015, 89, 10959-10969.	1.5	39
133	Recommendations for the introduction of metagenomic next-generation sequencing in clinical virology, part II: bioinformatic analysis and reporting. <i>Journal of Clinical Virology</i> , 2021, 138, 104812.	1.6	39
134	Expanded Cocirculation of Stable Subtypes, Emerging Lineages, and New Sporadic Reassortants of Porcine Influenza Viruses in Swine Populations in Northwest Germany. <i>Journal of Virology</i> , 2013, 87, 10460-10476.	1.5	38
135	Occupation-Associated Fatal Limbic Encephalitis Caused by Variegated Squirrel Bornavirus 1, Germany, 2013. <i>Emerging Infectious Diseases</i> , 2018, 24, 978-987.	2.0	38
136	Active Case Finding of Current Bornavirus Infections in Human Encephalitis Cases of Unknown Etiology, Germany, 2018-2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 1371-1379.	2.0	38
137	Sequencing approach to analyze the role of quasispecies for classical swine fever. <i>Virology</i> , 2013, 438, 14-19.	1.1	37
138	Rapid detection and subtyping of European swine influenza viruses in porcine clinical samples by haemagglutinin- and neuraminidase-specific tetra- and triplex real-time RT-PCR. <i>Influenza and Other Respiratory Viruses</i> , 2016, 10, 504-517.		37
139	Schmallenberg Virus: A Novel Virus of Veterinary Importance. <i>Advances in Virus Research</i> , 2017, 99, 39-60.	0.9	37
140	Tick-borne encephalitis (TBE) virus prevalence and virus genome characterization in field-collected ticks (<i>Ixodes ricinus</i>) from risk, non-risk and former risk areas of TBE, and in ticks removed from humans in Germany. <i>Clinical Microbiology and Infection</i> , 2010, 16, 238-244.	2.8	36
141	From low to high pathogenicity-Characterization of H7N7 avian influenza viruses in two epidemiologically linked outbreaks. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1576-1587.	1.3	36
142	Comparative Analysis of Whole-Genome Sequence of African Swine Fever Virus Belgium 2018/1. <i>Emerging Infectious Diseases</i> , 2019, 25, 1249-1252.	2.0	36
143	Putative Novel Serotypes $\sim 33^{\text{TM}}$ and $\sim 35^{\text{TM}}$ in Clinically Healthy Small Ruminants in Mongolia Expand the Group of Atypical BTV. <i>Viruses</i> , 2021, 13, 42.	1.5	36
144	Variegated Squirrel Bornavirus 1 in Squirrels, Germany and the Netherlands. <i>Emerging Infectious Diseases</i> , 2017, 23, 477-481.	2.0	35

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145	Rapid multiplex MinION nanopore sequencing workflow for Influenza A viruses. BMC Infectious Diseases, 2020, 20, 648.	1.3	35
146	Vaccines against influenza A viruses in poultry and swine: Status and future developments. Vaccine, 2015, 33, 2414-2424.	1.7	34
147	Proficiency Testing of Virus Diagnostics Based on Bioinformatics Analysis of Simulated <i>In Silico</i> High-Throughput Sequencing Data Sets. Journal of Clinical Microbiology, 2019, 57, .	1.8	34
148	Spatio-temporal Analysis of the Genetic Diversity of Arctic Rabies Viruses and Their Reservoir Hosts in Greenland. PLoS Neglected Tropical Diseases, 2016, 10, e0004779.	1.3	34
149	Infections with highly pathogenic avian influenza A virus (HPAIV) H5N8 in harbor seals at the German North Sea coast, 2021. Emerging Microbes and Infections, 2022, 11, 725-729.	3.0	34
150	Chimeric pestiviruses: candidates for live-attenuated classical swine fever marker vaccines. Journal of General Virology, 2007, 88, 2247-2258.	1.3	33
151	Characterization of a new chimeric marker vaccine candidate with a mutated antigenic E2-epitope. Veterinary Microbiology, 2010, 142, 45-50.	0.8	33
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