

Bernd Hoffmann

List of Publications by Citations

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333
papers

8,820
citations

45
h-index

81
g-index

367
ext. papers

11,660
ext. citations

6.2
avg, IF

6.3
L-index

#	Paper	IF	Citations
333	Novel orthobunyavirus in Cattle, Europe, 2011. <i>Emerging Infectious Diseases</i> , 2012 , 18, 469-72	10.2	495
332	Animal models for COVID-19. <i>Nature</i> , 2020 , 586, 509-515	50.4	377
331	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, 200-9	2.6	288
330	SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , 2021 , 592, 122-127	50.4	214
329	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	4.9	188
328	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	2.6	183
327	First occurrence of <i>Culicoides</i> <i>obsoletus</i> -transmitted Bluetongue virus epidemic in Central Europe. <i>Parasitology Research</i> , 2007 , 101, 219-28	2.4	169
326	A Variegated Squirrel Bornavirus Associated with Fatal Human Encephalitis. <i>New England Journal of Medicine</i> , 2015 , 373, 154-62	59.2	161
325	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, 8197-202	11.5	156
324	Sequence analysis of bluetongue virus serotype 8 from the Netherlands 2006 and comparison to other European strains. <i>Virology</i> , 2008 , 377, 308-18	3.6	152
323	Neurotropic virus infections as the cause of immediate and delayed neuropathology. <i>Acta Neuropathologica</i> , 2016 , 131, 159-184	14.3	149
322	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1949-1965	2.6	148
321	Evidence for novel hepaciviruses in rodents. <i>PLoS Pathogens</i> , 2013 , 9, e1003438	7.6	148
320	Organ distribution of Schmallenberg virus RNA in malformed newborns. <i>Veterinary Microbiology</i> , 2012 , 159, 236-8	3.3	147
319	A portable reverse transcription recombinase polymerase amplification assay for rapid detection of foot-and-mouth disease virus. <i>PLoS ONE</i> , 2013 , 8, e71642	3.7	139
318	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017 , 162, 2493-2504	2.6	137
317	Full genome characterisation of bluetongue virus serotype 6 from the Netherlands 2008 and comparison to other field and vaccine strains. <i>PLoS ONE</i> , 2010 , 5, e10323	3.7	109

316	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018 , 163, 2295-2310	2.6	108
315	Classical Swine Fever-An Updated Review. <i>Viruses</i> , 2017 , 9,	6.2	105
314	Novel bluetongue virus in goats, Corsica, France, 2014. <i>Emerging Infectious Diseases</i> , 2014 , 20, 2123-5	10.2	105
313	Novel marker vaccines against classical swine fever. <i>Vaccine</i> , 2007 , 25, 5665-70	4.1	101
312	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	4.9	82
311	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , 2019 , 164, 927-941	2.6	76
310	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	4.9	74
309	An infectious bat-derived chimeric influenza virus harbouring the entry machinery of an influenza A virus. <i>Nature Communications</i> , 2014 , 5, 4448	17.4	72
308	Epidemiology of bluetongue virus serotype 8, Germany. <i>Emerging Infectious Diseases</i> , 2009 , 15, 433-5	10.2	72
307	Determination of the complete genomic sequence and analysis of the gene products of the virus of Spring Viremia of Carp, a fish rhabdovirus. <i>Virus Research</i> , 2002 , 84, 89-100	6.4	68
306	African swine fever - A review of current knowledge. <i>Virus Research</i> , 2020 , 287, 198099	6.4	68
305	A Versatile Sample Processing Workflow for Metagenomic Pathogen Detection. <i>Scientific Reports</i> , 2018 , 8, 13108	4.9	66
304	Oral exposure, reinfection and cellular immunity to Schmallenberg virus in cattle. <i>Veterinary Microbiology</i> , 2013 , 165, 155-9	3.3	65
303	Efficacy of three inactivated vaccines against bluetongue virus serotype 8 in sheep. <i>Vaccine</i> , 2009 , 27, 4169-75	4.1	65
302	Bluetongue virus serotype 27: detection and characterization of two novel variants in Corsica, France. <i>Journal of General Virology</i> , 2016 , 97, 2073-2083	4.9	65
301	African swine fever virus transmission cycles in Central Europe: Evaluation of wild boar-soft tick contacts through detection of antibodies against <i>Ornithodoros erraticus</i> saliva antigen. <i>BMC Veterinary Research</i> , 2016 , 12, 1	2.7	64
300	Complete coding genome sequence of putative novel bluetongue virus serotype 27. <i>Genome Announcements</i> , 2015 , 3,		63
299	RIEMS: a software pipeline for sensitive and comprehensive taxonomic classification of reads from metagenomics datasets. <i>BMC Bioinformatics</i> , 2015 , 16, 69	3.6	60

298	Schmallenberg virus experimental infection of sheep. <i>Veterinary Microbiology</i> , 2013 , 166, 461-6	3.3	60
297	Modern adjuvants do not enhance the efficacy of an inactivated African swine fever virus vaccine preparation. <i>Vaccine</i> , 2014 , 32, 3879-82	4.1	58
296	Fatal Encephalitic Bornavirus 1 in Solid-Organ Transplant Recipients. <i>New England Journal of Medicine</i> , 2018 , 379, 1377-1379	59.2	55
295	Schmallenberg virus challenge models in cattle: infectious serum or culture-grown virus?. <i>Veterinary Research</i> , 2012 , 43, 84	3.8	54
294	Schmallenberg Virus Recurrence, Germany, 2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1202-4	10.2	53
293	Detection of a Novel Bovine Astrovirus in a Cow with Encephalitis. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, 253-9	4.2	52
292	Improved safety for molecular diagnosis of classical rabies viruses by use of a TaqMan real-time reverse transcription-PCR "double check" strategy. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 3970-8	9.7	51
291	Classical swine fever vaccines-State-of-the-art. <i>Veterinary Microbiology</i> , 2017 , 206, 10-20	3.3	45
290	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	4.9	45
289	Evaluation of humoral response and protective efficacy of two inactivated vaccines against bluetongue virus after vaccination of goats. <i>Vaccine</i> , 2011 , 29, 2495-502	4.1	45
288	Comparative safety study of three inactivated BTV-8 vaccines in sheep and cattle under field conditions. <i>Vaccine</i> , 2009 , 27, 4118-26	4.1	45
287	Genetic variability and distribution of Classical swine fever virus. <i>Animal Health Research Reviews</i> , 2015 , 16, 33-9	2.1	44
286	A novel European H5N8 influenza A virus has increased virulence in ducks but low zoonotic potential. <i>Emerging Microbes and Infections</i> , 2018 , 7, 132	18.9	43
285	Fatalities in wild goats in Kurdistan associated with Peste des Petits Ruminants virus. <i>Transboundary and Emerging Diseases</i> , 2012 , 59, 173-6	4.2	43
284	Occurrence of Antibodies against SARS-CoV-2 in the Domestic Cat Population of Germany. <i>Vaccines</i> , 2020 , 8,	5.3	43
283	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	18.9	43
282	Evaluation of humoral response and protective efficacy of three inactivated vaccines against bluetongue virus serotype 8 one year after vaccination of sheep and cattle. <i>Vaccine</i> , 2010 , 28, 4348-55	4.1	42
281	Exploring the Reservoir Hosts of Tick-Borne Encephalitis Virus. <i>Viruses</i> , 2019 , 11,	6.2	41

280	A mutation hot spot in the Schmallenberg virus M segment. <i>Journal of General Virology</i> , 2013 , 94, 1161-1167	4.1	41
279	Zoonotic spillover infections with Borna disease virus 1 leading to fatal human encephalitis, 1999-2019: an epidemiological investigation. <i>Lancet Infectious Diseases</i> , 2020 , 20, 467-477	25.5	41
278	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	4.8	40
277	Virulence, immunogenicity and vaccine properties of a novel chimeric pestivirus. <i>Journal of General Virology</i> , 2007 , 88, 481-486	4.9	39
276	Deletion mutants of Schmallenberg virus are avirulent and protect from virus challenge. <i>Journal of Virology</i> , 2015 , 89, 1825-37	6.6	38
275	Classification of Cowpox Viruses into Several Distinct Clades and Identification of a Novel Lineage. <i>Viruses</i> , 2017 , 9,	6.2	38
274	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	3.7	37
273	West Nile Virus Epidemic in Germany Triggered by Epizootic Emergence, 2019. <i>Viruses</i> , 2020 , 12,	6.2	37
272	Avian influenza H7N9/13 and H7N7/13: a comparative virulence study in chickens, pigeons, and ferrets. <i>Journal of Virology</i> , 2014 , 88, 9153-65	6.6	37
271	A comprehensive deep sequencing strategy for full-length genomes of influenza A. <i>PLoS ONE</i> , 2011 , 6, e19075	3.7	37
270	Biting Midges-Underestimated Vectors for Arboviruses of Public Health and Veterinary Importance. <i>Viruses</i> , 2019 , 11,	6.2	36
269	Saving resources: avian influenza surveillance using pooled swab samples and reduced reaction volumes in real-time RT-PCR. <i>Journal of Virological Methods</i> , 2012 , 186, 119-25	2.6	36
268	Porcine Epidemic Diarrhea in Europe: In-Detail Analyses of Disease Dynamics and Molecular Epidemiology. <i>Viruses</i> , 2017 , 9,	6.2	35
267	Real-time quantitative reverse transcription-PCR assays specifically detecting bluetongue virus serotypes 1, 6, and 8. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 2992-4	9.7	35
266	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	4.2	35
265	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	2.6	34
264	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	3.3	33
263	Reassortants of pandemic influenza A virus H1N1/2009 and endemic porcine HxN2 viruses emerge in swine populations in Germany. <i>Journal of General Virology</i> , 2012 , 93, 1658-1663	4.9	33

262	BVD-2 outbreak leads to high losses in cattle farms in Western Germany. <i>Heliyon</i> , 2015 , 1, e00019	3.6	32
261	Real-Time PCR Assays for the Specific Detection of Field Balkan Strains of Lumpy Skin Disease Virus. <i>Acta Veterinaria</i> , 2016 , 66, 444-454	0.9	32
260	Foot-and-mouth disease virus: a first inter-laboratory comparison trial to evaluate virus isolation and RT-PCR detection methods. <i>Veterinary Microbiology</i> , 2006 , 117, 130-40	3.3	31
259	Characterization of bluetongue virus serotype 28. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 171-182	4.2	31
258	Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1779-1785	4.2	31
257	Mixed triple: allied viruses in unique recent isolates of highly virulent type 2 bovine viral diarrhea virus detected by deep sequencing. <i>Journal of Virology</i> , 2014 , 88, 6983-92	6.6	30
256	Neglected Hosts of Small Ruminant Morbillivirus. <i>Emerging Infectious Diseases</i> , 2018 , 24, 2334-2337	10.2	30
255	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, 10959-69	6.6	29
254	Detection of Usutu virus in a bullfinch (<i>Pyrrhula pyrrhula</i>) and a great spotted woodpecker (<i>Dendrocopos major</i>) in north-west Europe. <i>Veterinary Journal</i> , 2014 , 199, 191-3	2.5	29
253	Schmallenberg Virus: A Novel Virus of Veterinary Importance. <i>Advances in Virus Research</i> , 2017 , 99, 39-60	10.7	29
252	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,	6.2	27
251	A conserved influenza A virus nucleoprotein code controls specific viral genome packaging. <i>Nature Communications</i> , 2016 , 7, 12861	17.4	27
250	Natural infection of pregnant cows with Schmallenberg virus--a follow-up study. <i>PLoS ONE</i> , 2014 , 9, e98223	3.7	27
249	Relatives of rubella virus in diverse mammals. <i>Nature</i> , 2020 , 586, 424-428	50.4	27
248	Pitfalls in SARS-CoV-2 PCR diagnostics. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 253-257	4.2	27
247	Experimental lumpy skin disease virus infection of cattle: comparison of a field strain and a vaccine strain. <i>Archives of Virology</i> , 2019 , 164, 2931-2941	2.6	26
246	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	4.1	26
245	Novel HPAIV H5N8 Reassortant (Clade 2.3.4.4b) Detected in Germany. <i>Viruses</i> , 2020 , 12,	6.2	26

244	The neuropathology of fatal encephalomyelitis in human Borna virus infection. <i>Acta Neuropathologica</i> , 2019 , 138, 653-665	14.3	26
243	Development of a pan-Simbu real-time reverse transcriptase PCR for the detection of Simbu serogroup viruses and comparison with SBV diagnostic PCR systems. <i>Virology Journal</i> , 2013 , 10, 327	6.1	26
242	Twenty years of active bat rabies surveillance in Germany: a detailed analysis and future perspectives. <i>Epidemiology and Infection</i> , 2014 , 142, 1155-66	4.3	26
241	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	2.6	24
240	Efficacy Assessment of Nucleic Acid Decontamination Reagents Used in Molecular Diagnostic Laboratories. <i>PLoS ONE</i> , 2016 , 11, e0159274	3.7	24
239	Orthobunyavirus spike architecture and recognition by neutralizing antibodies. <i>Nature Communications</i> , 2019 , 10, 879	17.4	24
238	The N-terminal domain of Schmallenberg virus envelope protein Gc is highly immunogenic and can provide protection from infection. <i>Scientific Reports</i> , 2017 , 7, 42500	4.9	23
237	Bat influenza viruses transmit among bats but are poorly adapted to non-bat species. <i>Nature Microbiology</i> , 2019 , 4, 2298-2309	26.6	23
236	Prevalence of antibodies against tick-borne encephalitis virus in wild game from Saxony, Germany. <i>Ticks and Tick-borne Diseases</i> , 2014 , 5, 805-9	3.6	23
235	Alternative sampling strategies for passive classical and African swine fever surveillance in wild boar. <i>Veterinary Microbiology</i> , 2014 , 173, 360-5	3.3	22
234	Experimental infection of sheep and goats with a recent isolate of peste des petits ruminants virus from Kurdistan. <i>Veterinary Microbiology</i> , 2014 , 172, 140-5	3.3	22
233	Molecular diagnostics for the detection of Bokeloh bat lyssavirus in a bat from Bavaria, Germany. <i>Virus Research</i> , 2013 , 177, 201-4	6.4	22
232	Molecular double-check strategy for the identification and characterization of European Lyssaviruses. <i>Journal of Virological Methods</i> , 2014 , 203, 23-32	2.6	21
231	Experimental infection of South American camelids with bluetongue virus serotype 8. <i>Veterinary Microbiology</i> , 2012 , 154, 257-65	3.3	21
230	NS Segment of a 1918 Influenza A Virus-Descendent Enhances Replication of H1N1pdm09 and Virus-Induced Cellular Immune Response in Mammalian and Avian Systems. <i>Frontiers in Microbiology</i> , 2018 , 9, 526	5.7	20
229	Proficiency Testing of Virus Diagnostics Based on Bioinformatics Analysis of Simulated High-Throughput Sequencing Data Sets. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	19
228	Long-term persistence of neutralising antibodies against bluetongue virus serotype 8 in naturally infected cattle. <i>Vaccine</i> , 2012 , 30, 7142-3	4.1	19
227	Analysis of the humoral immune response against the envelope glycoprotein Gc of Schmallenberg virus reveals a domain located at the amino terminus targeted by mAbs with neutralizing activity. <i>Journal of General Virology</i> , 2016 , 97, 571-580	4.9	19

226	A viral race for primacy: co-infection of a natural pair of low and highly pathogenic H7N7 avian influenza viruses in chickens and embryonated chicken eggs. <i>Emerging Microbes and Infections</i> , 2018 , 7, 204	18.9	19
225	Humoral immune response to repeated lumpy skin disease virus vaccination and performance of serological tests. <i>BMC Veterinary Research</i> , 2019 , 15, 80	2.7	18
224	A novel panel of monoclonal antibodies against Schmallenberg virus nucleoprotein and glycoprotein Gc allows specific orthobunyavirus detection and reveals antigenic differences. <i>Veterinary Research</i> , 2015 , 46, 27	3.8	18
223	A decade of research into classical swine fever marker vaccine CP7_E2alf (Suvaxyn CSF Marker): a review of vaccine properties. <i>Veterinary Research</i> , 2017 , 48, 51	3.8	18
222	Evidence of exposure of domestic pigs to Highly Pathogenic Avian Influenza H5N1 in Nigeria. <i>Scientific Reports</i> , 2018 , 8, 5900	4.9	18
221	Human bornavirus research: Back on track!. <i>PLoS Pathogens</i> , 2019 , 15, e1007873	7.6	18
220	New Leaves in the Growing Tree of Pestiviruses. <i>Advances in Virus Research</i> , 2017 , 99, 139-160	10.7	18
219	A Review of Knowledge Gaps and Tools for Orbivirus Research. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 339-47	2.4	17
218	Replication-Deficient Particles: New Insights into the Next Generation of Bluetongue Virus Vaccines. <i>Journal of Virology</i> , 2017 , 91,	6.6	17
217	Characterization and purification of recombinant bovine viral diarrhea virus particles with epitope-tagged envelope proteins. <i>Journal of General Virology</i> , 2011 , 92, 1352-1357	4.9	17
216	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	17.4	17
215	Simple, quick and cost-efficient: A universal RT-PCR and sequencing strategy for genomic characterisation of foot-and-mouth disease viruses. <i>Journal of Virological Methods</i> , 2017 , 246, 58-64	2.6	16
214	Differentiation of classical swine fever virus infection from CP7_E2alf marker vaccination by a multiplex microsphere immunoassay. <i>Vaccine Journal</i> , 2015 , 22, 65-71		16
213	Contamination in bluetongue virus challenge experiments. <i>Vaccine</i> , 2011 , 29, 4299-301	4.1	16
212	Rapid multiplex MinION nanopore sequencing workflow for Influenza A viruses. <i>BMC Infectious Diseases</i> , 2020 , 20, 648	4	16
211	Prevalence of tick-borne viruses in Ixodes ricinus assessed by high-throughput real-time PCR. <i>Pathogens and Disease</i> , 2018 , 76,	4.2	16
210	Novel hantavirus identified in European bat species Nyctalus noctula. <i>Infection, Genetics and Evolution</i> , 2017 , 48, 127-130	4.5	15
209	Profiling host ANP32A splicing landscapes to predict influenza A virus polymerase adaptation. <i>Nature Communications</i> , 2019 , 10, 3396	17.4	15

208	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
207	Multiple detection of zoonotic variegated squirrel bornavirus 1 RNA in different squirrel species suggests a possible unknown origin for the virus. <i>Archives of Virology</i> , 2017 , 162, 2747-2754	2.6	15
206	Fatal cowpox virus infection in cotton-top tamarins (<i>Saguinus oedipus</i>) in Germany. <i>Vector-Borne and Zoonotic Diseases</i> , 2014 , 14, 303-5	2.4	15
205	Bats reveal the true power of influenza A virus adaptability. <i>PLoS Pathogens</i> , 2020 , 16, e1008384	7.6	15
204	Lagos bat virus transmission in an <i>Eidolon helvum</i> bat colony, Ghana. <i>Virus Research</i> , 2015 , 210, 42-5	6.4	14
203	Novel real-time PCR-based patho- and phylotyping of potentially zoonotic avian influenza A subtype H5 viruses at risk of incursion into Europe in 2017. <i>Eurosurveillance</i> , 2017 , 22,	19.8	14
202	Molecular double-check strategy for the identification and characterization of Suid herpesvirus 1. <i>Journal of Virological Methods</i> , 2014 , 209, 110-5	2.6	14
201	Insights into genetic diversity and biological propensities of potentially zoonotic avian influenza H9N2 viruses circulating in Egypt. <i>Virology</i> , 2017 , 511, 165-174	3.6	14
200	Rapid detection of foot-and-mouth disease virus, influenza A virus and classical swine fever virus by high-speed real-time RT-PCR. <i>Journal of Virological Methods</i> , 2013 , 193, 50-4	2.6	14
199	Shuni virus in Israel: Neurological disease and fatalities in cattle. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 1126-1131	4.2	13
198	Limitations of sandwich ELISAs for bluetongue virus antibody detection. <i>Veterinary Record</i> , 2011 , 168, 643	0.9	13
197	Advances and gaps in SARS-CoV-2 infection models.. <i>PLoS Pathogens</i> , 2022 , 18, e1010161	7.6	13
196	Development and validation of a harmonized TaqMan-based triplex real-time RT-PCR protocol for the quantitative detection of normalized gene expression profiles of seven porcine cytokines. <i>PLoS ONE</i> , 2014 , 9, e108910	3.7	13
195	Creation of Functional Viruses from Non-Functional cDNA Clones Obtained from an RNA Virus Population by the Use of Ancestral Reconstruction. <i>PLoS ONE</i> , 2015 , 10, e0140912	3.7	13
194	Development of a Safe and Highly Efficient Inactivated Vaccine Candidate against Lumpy Skin Disease Virus. <i>Vaccines</i> , 2020 , 9,	5.3	13
193	Stability of African Swine Fever Virus in Soil and Options to Mitigate the Potential Transmission Risk. <i>Pathogens</i> , 2020 , 9,	4.5	13
192	The Second Wave of SARS-CoV-2 Circulation-Antibody Detection in the Domestic Cat Population in Germany. <i>Viruses</i> , 2021 , 13,	6.2	13
191	Camelids and Cattle Are Dead-End Hosts for Peste-des-Petits-Ruminants Virus. <i>Viruses</i> , 2019 , 11,	6.2	13

190	Suitability of group-level oral fluid sampling in ruminant populations for lumpy skin disease virus detection. <i>Veterinary Microbiology</i> , 2018 , 221, 44-48	3.3	13
189	A Genome-Wide CRISPR-Cas9 Screen Reveals the Requirement of Host Cell Sulfation for Schmallenberg Virus Infection. <i>Journal of Virology</i> , 2020 , 94,	6.6	12
188	Development and validation of rapid magnetic particle based extraction protocols. <i>Virology Journal</i> , 2014 , 11, 137	6.1	12
187	Lack of evidence for the presence of Schmallenberg virus in mosquitoes in Germany, 2011. <i>Parasites and Vectors</i> , 2014 , 7, 402	4	12
186	Epidemiological Investigations of Four Cowpox Virus Outbreaks in Alpaca Herds, Germany. <i>Viruses</i> , 2017 , 9,	6.2	12
185	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta.. <i>Nature</i> , 2021 ,	50.4	12
184	Multimeric single-domain antibody complexes protect against bunyavirus infections. <i>ELife</i> , 2020 , 9,	8.9	12
183	The viral envelope is not sufficient to transfer the unique broad cell tropism of Bungowannah virus to a related pestivirus. <i>Journal of General Virology</i> , 2014 , 95, 2216-2222	4.9	12
182	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	4.1	12
181	African Swine Fever in Wild Boar in Europe-A Review. <i>Viruses</i> , 2021 , 13,	6.2	12
180	Chiropteran influenza viruses: flu from bats or a relic from the past?. <i>Current Opinion in Virology</i> , 2016 , 16, 114-119	7.5	11
179	Schmallenberg virus infection in South American camelids: Field and experimental investigations. <i>Veterinary Microbiology</i> , 2015 , 180, 171-9	3.3	11
178	A novel alphaherpesvirus associated with fatal diseases in banded Penguins. <i>Journal of General Virology</i> , 2017 , 98, 89-95	4.9	11
177	Comparison of pathogenicity of subtype H9 avian influenza wild-type viruses from a wide geographic origin expressing mono-, di-, or tri-basic hemagglutinin cleavage sites. <i>Veterinary Research</i> , 2020 , 51, 48	3.8	11
176	Loeffler 4.0: Diagnostic Metagenomics. <i>Advances in Virus Research</i> , 2017 , 99, 17-37	10.7	10
175	Co-subsistence of avian influenza virus subtypes of low and high pathogenicity in Bangladesh: Challenges for diagnosis, risk assessment and control. <i>Scientific Reports</i> , 2019 , 9, 8306	4.9	10
174	A red squirrel associated adenovirus identified by a combined microarray and deep sequencing approach. <i>Archives of Virology</i> , 2017 , 162, 3167-3172	2.6	10
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169	Experimental Infection and Genetic Characterization of Two Different Capripox Virus Isolates in Small Ruminants. <i>Viruses</i> , 2020 , 12,	6.2	10
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41	Optimizing Release of Nucleic Acids of and from FTA Cards. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
40	Evolutionary stasis of an RNA virus indicates arbovirus re-emergence triggered by accidental release		2
39	Rapid molecular species identification of indigenous bats from Germany for surveillance purposes. <i>Infection, Genetics and Evolution</i> , 2020 , 78, 104140	4.5	2
38	Stability of African swine fever virus on spiked spray-dried porcine plasma. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 2806-2811	4.2	2
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24	A Synthetic Modified Live Chimeric Marker Vaccine against BVDV-1 and BVDV-2. <i>Vaccines</i> , 2020 , 8,	5.3	1
23	Adherent and suspension baby hamster kidney cells have a different cytoskeleton and surface receptor repertoire. <i>PLoS ONE</i> , 2021 , 16, e0246610	3.7	1
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19	Host switching pathogens, infectious outbreaks and zoonosis: A Marie Skłodowska-Curie innovative training network (HONOURS). <i>Virus Research</i> , 2018 , 257, 120-124	6.4	1
18	In action-an early warning system for the detection of unexpected or novel pathogens. <i>Virus Evolution</i> , 2021 , 7, veab085	3.7	1
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16	The spike gene is a major determinant for the SARS-CoV-2 Omicron-BA.1 phenotype		1
15	Hemorrhagic lesion with detection of infected endothelial cells in human bornavirus encephalitis. <i>Acta Neuropathologica</i> ,	14.3	1
14	First isolation, and genomic characterization of zoonotic variegated squirrel Bornavirus 1 (VSBV-1) isolates. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2474-2484	18.9	0
13	Evaluation of an IGM-specific ELISA for early detection of bluetongue virus infections in domestic ruminants sera. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 537-545	4.2	0
12	Full genome sequence of bovine alphaherpesvirus 2 (BoHV-2). <i>Archives of Virology</i> , 2021 , 166, 639-643	2.6	0
11	High genetic variability of Schmallenberg virus M-segment leads to efficient immune escape from neutralizing antibodies. <i>PLoS Pathogens</i> , 2021 , 17, e1009247	7.6	0

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8	International proficiency trial for bovine viral diarrhoea virus (BVDV) antibody detection: limitations of milk serology.. <i>BMC Veterinary Research</i> , 2022 , 18, 168	2.7	o
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