

Martin Beer

List of Publications by Year in Descending Order

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

370
papers

11,489
citations

56
h-index

88
g-index

406
ext. papers

14,948
ext. citations

6.6
avg, IF

6.57
L-index

#	Paper	IF	Citations
370	Performance Characteristics of Real-Time PCRs for African Swine Fever Virus Genome Detection-Comparison of Twelve Kits to an OIE-Recommended Method.. <i>Viruses</i> , 2022 , 14,	6.2	3
369	Antibodies against viral nucleo-, phospho-, and X protein contribute to serological diagnosis of fatal Borna disease virus 1 infections.. <i>Cell Reports Medicine</i> , 2022 , 3, 100499	18	2
368	Advances and gaps in SARS-CoV-2 infection models.. <i>PLoS Pathogens</i> , 2022 , 18, e1010161	7.6	13
367	Improved Subtyping of Avian Influenza Viruses Using an RT-qPCR-Based Low Density Array: Reforms Influenza a Typing Array, Version 2 (RITA-2).. <i>Viruses</i> , 2022 , 14,	6.2	2
366	Infections with highly pathogenic avian influenza A virus (HPAIV) H5N8 in harbor seals at the German North Sea coast, 2021.. <i>Emerging Microbes and Infections</i> , 2022 , 1-32	18.9	6
365	Revisiting Rustrela Virus: New Cases of Encephalitis and a Solution to the Capsid Enigma.. <i>Microbiology Spectrum</i> , 2022 , e0010322	8.9	1
364	Highly pathogenic avian influenza virus incursions of subtype H5N8, H5N5, H5N1, H5N4, and H5N3 in Germany during 2020-21.. <i>Virus Evolution</i> , 2022 , 8, veac035	3.7	3
363	Vaccination With a Gamma Irradiation-Inactivated African Swine Fever Virus Is Safe But Does Not Protect Against a Challenge.. <i>Frontiers in Immunology</i> , 2022 , 13, 832264	8.4	0
362	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	0
361	Exploring surface water as a transmission medium of avian influenza viruses - systematic infection studies in mallards.. <i>Emerging Microbes and Infections</i> , 2022 , 1-30	18.9	2
360	Bluetongue Virus Infection of Goats: Re-Emerged European Serotype 8 vs. Two Atypical Serotypes. <i>Viruses</i> , 2022 , 14, 1034	6.2	0
359	Easy Express Extraction (TripleE) A Universal, Electricity-Free Nucleic Acid Extraction System for the Lab and the Pen. <i>Microorganisms</i> , 2022 , 10, 1074	4.9	0
358	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta.. <i>Nature</i> , 2021 ,	50.4	12
357	Wild bird trade at live poultry markets potentiates risks of avian influenza virus introductions in Iran. <i>Infection Ecology and Epidemiology</i> , 2021 , 11, 1992083	4.3	
356	Optimizing Release of Nucleic Acids of and from FTA Cards. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
355	Zoonoses Anticipation and Preparedness Initiative, stakeholders conference, February 4 & 5, 2021. <i>Biologicals</i> , 2021 , 74, 10-15	1.8	
354	Joining the club: First detection of African swine fever in wild boar in Germany. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1744-1752	4.2	29

353	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
352	No hints at glyphosate-induced ruminal dysbiosis in cows. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 30	8.2	4
351	Co-infections: Simultaneous detections of West Nile virus and Usutu virus in birds from Germany. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	8
350	Re-Introduction of Bovine Viral Diarrhea Virus in a Disease-Free Region: Impact on the Affected Cattle Herd and Diagnostic Implications. <i>Pathogens</i> , 2021 , 10,	4.5	3
349	Putative Novel Atypical BTV Serotype B6P Identified in Small Ruminants in Switzerland. <i>Viruses</i> , 2021 , 13,	6.2	6
348	Egyptian Fruit Bats () Were Resistant to Experimental Inoculation with Avian-Origin Influenza A Virus of Subtype H9N2, But Are Susceptible to Experimental Infection with Bat-Borne H9N2 Virus. <i>Viruses</i> , 2021 , 13,	6.2	4
347	Full-Genome Sequences and Phylogenetic Analysis of Archived Danish European Bat Lyssavirus 1 (EBLV-1) Emphasize a Higher Genetic Resolution and Spatial Segregation for Sublineage 1a. <i>Viruses</i> , 2021 , 13,	6.2	3
346	Experimental SARS-CoV-2 Infection of Bank Voles. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1193-1195	10.2	12
345	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
344	A Semiquantitative Scoring System for Histopathological and Immunohistochemical Assessment of Lesions and Tissue Tropism in Avian Influenza. <i>Viruses</i> , 2021 , 13,	6.2	4
343	Genetic and antigenic evolution of H1 swine influenza A viruses isolated in Belgium and the Netherlands from 2014 through 2019. <i>Scientific Reports</i> , 2021 , 11, 11276	4.9	4
342	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	10.2	8
341	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	14.5	9
340	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
339	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
338	Development of a Modular Vaccine Platform for Multimeric Antigen Display Using an Orthobunyavirus Model. <i>Vaccines</i> , 2021 , 9,	5.3	3
337	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
336	Cattle connection: molecular epidemiology of BVDV outbreaks via rapid nanopore whole-genome sequencing of clinical samples. <i>BMC Veterinary Research</i> , 2021 , 17, 242	2.7	1

335	Long-term presence of tick-borne encephalitis virus in experimentally infected bank voles (<i>Myodes glareolus</i>). <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101693	3.6	4
334	Viral mapping in COVID-19 deceased in the Augsburg autopsy series of the first wave: A multiorgan and multimethodological approach. <i>PLoS ONE</i> , 2021 , 16, e0254872	3.7	8
333	Pitfalls in SARS-CoV-2 PCR diagnostics. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 253-257	4.2	27
332	Influenza A Viruses: Understanding Human Host Determinants. <i>Trends in Molecular Medicine</i> , 2021 , 27, 104-112	11.5	4
331	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	14.5	14
330	The genetics of highly pathogenic avian influenza viruses of subtype H5 in Germany, 2006-2020. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1136-1150	4.2	7
329	Shuni virus-induced meningoencephalitis after experimental infection of cattle. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1531-1540	4.2	2
328	Respiratory disease due to mixed viral infections in poultry flocks in Egypt between 2017 and 2018: Upsurge of highly pathogenic avian influenza virus subtype H5N8 since 2018. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 21-36	4.2	15
327	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
326	SARS-CoV-2 in animals: From potential hosts to animal models. <i>Advances in Virus Research</i> , 2021 , 110, 59-102	10.7	12
325	Next-generation diagnostics: virus capture facilitates a sensitive viral diagnosis for epizootic and zoonotic pathogens including SARS-CoV-2. <i>Microbiome</i> , 2021 , 9, 51	16.6	9
324	SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , 2021 , 592, 122-127	50.4	214
323	African Swine Fever Laboratory Diagnosis-Lessons Learned from Recent Animal Trials. <i>Pathogens</i> , 2021 , 10,	4.5	8
322	Lateral flow assays for the detection of African swine fever virus antigen are not fit for field diagnosis of wild boar carcasses. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	2
321	Prolonged SARS-CoV-2 RNA Shedding from Therapy Cat after Cluster Outbreak in Retirement Home. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1974-1976	10.2	5
320	Benchmark of thirteen bioinformatic pipelines for metagenomic virus diagnostics using datasets from clinical samples. <i>Journal of Clinical Virology</i> , 2021 , 141, 104908	14.5	4
319	Investigation of fatal human Borna disease virus 1 encephalitis outside the previously known area for human cases, Brandenburg, Germany - a case report. <i>BMC Infectious Diseases</i> , 2021 , 21, 787	4	5
318	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566	2.6	10

317	African Swine Fever in Wild Boar in Europe-A Review. <i>Viruses</i> , 2021 , 13,	6.2	12
316	In action-an early warning system for the detection of unexpected or novel pathogens. <i>Virus Evolution</i> , 2021 , 7, veab085	3.7	1
315	Detection of SARS-CoV-2 variant B.1.1.7 in a cat in Germany. <i>Research in Veterinary Science</i> , 2021 , 140, 229-232	2.5	5
314	Introduction and spread of variegated squirrel bornavirus 1 (VSBV-1) between exotic squirrels and spill-over infections to humans in Germany. <i>Emerging Microbes and Infections</i> , 2021 , 10, 602-611	18.9	2
313	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
312	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
311	Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2982-2985	10.2	73
310	Proficiency Testing of Metagenomics-Based Detection of Food-Borne Pathogens Using a Complex Artificial Sequencing Dataset. <i>Frontiers in Microbiology</i> , 2020 , 11, 575377	5.7	3
309	"FastCheck PPR-like"-A Molecular Tool for the Fast Genome Detection of PPRV and Differential Diagnostic Pathogens. <i>Viruses</i> , 2020 , 12,	6.2	2
308	Autonomously Replicating RNAs of Bungowannah Pestivirus: E Is Not Essential for the Generation of Infectious Particles. <i>Journal of Virology</i> , 2020 , 94,	6.6	1
307	Stability of African swine fever virus on heat-treated field crops. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 2318-2323	4.2	18
306	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
305	Comparative evaluation of different antigen detection methods for the detection of peste des petits ruminants virus. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 2881-2891	4.2	3
304	Schmallenberg Virus: To Vaccinate, or Not to Vaccinate?. <i>Vaccines</i> , 2020 , 8,	5.3	4
303	Novel HPAIV H5N8 Reassortant (Clade 2.3.4.4b) Detected in Germany. <i>Viruses</i> , 2020 , 12,	6.2	26
302	Emerging infectious bronchitis virus (IBV) in Egypt: Evidence for an evolutionary advantage of a new S1 variant with a unique gene 3ab constellation. <i>Infection, Genetics and Evolution</i> , 2020 , 85, 104433	4.5	3
301	Patchy Occurrence of Cowpox Virus in Voles from Germany. <i>Vector-Borne and Zoonotic Diseases</i> , 2020 , 20, 471-475	2.4	3
300	Characterization of Experimental Oro-Nasal Inoculation of Sebaß Short-Tailed Bats () with Bat Influenza A Virus H18N11. <i>Viruses</i> , 2020 , 12,	6.2	5

299	In Vivo Characterization of a Bank Vole-Derived Cowpox Virus Isolate in Natural Hosts and the Rat Model. <i>Viruses</i> , 2020 , 12,	6.2	2
298	First experimental proof of Rotavirus A (RVA) genotype G18P[17] inducing the clinical presentation of Young pigeon disease syndrome (YPDS) in domestic pigeons (<i>Columba livia</i>). <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 1507-1516	4.2	6
297	Modulation of lethal HPAIV H5N8 clade 2.3.4.4B infection in AIV pre-exposed mallards. <i>Emerging Microbes and Infections</i> , 2020 , 9, 180-193	18.9	11
296	Search for polyoma-, herpes-, and bornaviruses in squirrels of the family Sciuridae. <i>Virology Journal</i> , 2020 , 17, 42	6.1	5
295	Active virological surveillance in backyard ducks in Bangladesh: detection of avian influenza and gammacoronaviruses. <i>Avian Pathology</i> , 2020 , 49, 361-368	2.4	5
294	West Nile Virus Epidemic in Germany Triggered by Epizootic Emergence, 2019. <i>Viruses</i> , 2020 , 12,	6.2	37
293	Re-circulation of Schmallenberg virus, Germany, 2019. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 2290-2295	4.2	6
292	Putative Novel Serotypes B3Pand B5Pin Clinically Healthy Small Ruminants in Mongolia Expand the Group of Atypical BTV. <i>Viruses</i> , 2020 , 13,	6.2	10
291	Multimeric single-domain antibody complexes protect against bunyavirus infections. <i>ELife</i> , 2020 , 9,	8.9	12
290	A modified live bat influenza A virus-based vaccine prototype provides full protection against HPAIV H5N1. <i>Npj Vaccines</i> , 2020 , 5, 40	9.5	4
289	Characterization of bluetongue virus serotype 28. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 171-182	14.2	31
288	What a Difference a Gene Makes: Identification of Virulence Factors of Cowpox Virus. <i>Journal of Virology</i> , 2020 , 94,	6.6	4
287	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
286	Experimental Infection and Genetic Characterization of Two Different Capripox Virus Isolates in Small Ruminants. <i>Viruses</i> , 2020 , 12,	6.2	10
285	A Synthetic Modified Live Chimeric Marker Vaccine against BVDV-1 and BVDV-2. <i>Vaccines</i> , 2020 , 8,	5.3	1
284	Identification of African swine fever virus-like elements in the soft tick genome provides insights into the virus evolution. <i>BMC Biology</i> , 2020 , 18, 136	7.3	14
283	Animal models for COVID-19. <i>Nature</i> , 2020 , 586, 509-515	50.4	377
282	Relatives of rubella virus in diverse mammals. <i>Nature</i> , 2020 , 586, 424-428	50.4	27

281	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020 , 12,	6.2	112
280	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	4.2	18
279	Are human Borna disease virus 1 infections zoonotic and fatal? - AuthorsPreply. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 651	25.5	3
278	Whole-Genome Sequence of an African Swine Fever Virus Isolate from the Czech Republic. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	3
277	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	11.5	28
276	SARS-CoV-2 in fruit bats, ferrets, pigs, and chickens: an experimental transmission study. <i>Lancet Microbe, The</i> , 2020 , 1, e218-e225	22.2	278
275	African swine fever - A review of current knowledge. <i>Virus Research</i> , 2020 , 287, 198099	6.4	68
274	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	23.4	30
273	Untargeted metagenomics shows a reliable performance for synchronous detection of parasites. <i>Parasitology Research</i> , 2020 , 119, 2623-2629	2.4	7
272	Isolation and Cultivation of a New Isolate of BTV-25 and Presumptive Evidence for a Potential Persistent Infection in Healthy Goats. <i>Viruses</i> , 2020 , 12,	6.2	6
271	African swine fever whole-genome sequencing-Quantity wanted but quality needed. <i>PLoS Pathogens</i> , 2020 , 16, e1008779	7.6	7
270	Rapid multiplex MinION nanopore sequencing workflow for Influenza A viruses. <i>BMC Infectious Diseases</i> , 2020 , 20, 648	4	16
269	Re-emergence of porcine epidemic diarrhea virus in a piglet-producing farm in northwestern Germany in 2019. <i>BMC Veterinary Research</i> , 2020 , 16, 329	2.7	3
268	Experimental Infection of Cattle with SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2979-2981	10.2	82
267	Occurrence of Antibodies against SARS-CoV-2 in the Domestic Cat Population of Germany. <i>Vaccines</i> , 2020 , 8,	5.3	43
266	Establishment of a Challenge Model for Sheeppox Virus Infection. <i>Microorganisms</i> , 2020 , 8,	4.9	4
265	Model of persistent foot-and-mouth disease virus infection in multilayered cells derived from bovine dorsal soft palate. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 133-148	4.2	5
264	Borna disease outbreak with high mortality in an alpaca herd in a previously unreported endemic area in Germany. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 2093	4.2	6

263	Bats reveal the true power of influenza A virus adaptability. <i>PLoS Pathogens</i> , 2020 , 16, e1008384	7.6	15
262	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
261	Virus Adaptation and Selection Following Challenge of Animals Vaccinated against Classical Swine Fever Virus. <i>Viruses</i> , 2019 , 11,	6.2	4
260	Distribution of zoonotic variegated squirrel bornavirus 1 in naturally infected variegated and PrevostB squirrels. <i>Scientific Reports</i> , 2019 , 9, 11402	4.9	2
259	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
258	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
257	Genetic Characterization and Zoonotic Potential of Highly Pathogenic Avian Influenza Virus A(H5N6/H5N5), Germany, 2017-2018. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1973-1976	10.2	14
256	Taxonomy of the order Bunyavirales: second update 2018. <i>Archives of Virology</i> , 2019 , 164, 927-941	2.6	76
255	Proteogenomics Uncovers Critical Elements of Host Response in Bovine Soft Palate Epithelial Cells Following In Vitro Infection with Foot-And-Mouth Disease Virus. <i>Viruses</i> , 2019 , 11,	6.2	9
254	Bungowannah virus in the affected pig population: a retrospective genetic analysis. <i>Virus Genes</i> , 2019 , 55, 298-303	2.3	1
253	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
252	Cell Density Effects in Different Cell Culture Media and Their Impact on the Propagation of Foot-And-Mouth Disease Virus. <i>Viruses</i> , 2019 , 11,	6.2	4
251	Investigation of cell culture conditions for optimal foot-and-mouth disease virus production. <i>BMC Biotechnology</i> , 2019 , 19, 33	3.5	6
250	Comparative Analysis of Whole-Genome Sequence of African Swine Fever Virus Belgium 2018/1. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1249-1252	10.2	24
249	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1949-1965	2.6	148
248	Akabane Virus and Schmallenberg Virus (Peribunyaviridae) 2019 , 34-39		3
247	Investigation of suspected Newcastle disease (ND) outbreaks in Egypt uncovers a high virus velogenic ND virus burden in small-scale holdings and the presence of multiple pathogens. <i>Avian Pathology</i> , 2019 , 48, 406-415	2.4	11
246	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

245	Biting Midges-Underestimated Vectors for Arboviruses of Public Health and Veterinary Importance. <i>Viruses</i> , 2019 , 11,	6.2	36
244	Shuni virus in Israel: Neurological disease and fatalities in cattle. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 1126-1131	4.2	13
243	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	6.4	37
242	Human bornavirus research: Back on track!. <i>PLoS Pathogens</i> , 2019 , 15, e1007873	7.6	18
241	Metagenomics for broad and improved parasite detection: a proof-of-concept study using swine faecal samples. <i>International Journal for Parasitology</i> , 2019 , 49, 769-777	4.3	23
240	Exploring the Reservoir Hosts of Tick-Borne Encephalitis Virus. <i>Viruses</i> , 2019 , 11,	6.2	41
239	The neuropathology of fatal encephalomyelitis in human Borna virus infection. <i>Acta Neuropathologica</i> , 2019 , 138, 653-665	14.3	26
238	Analysis of exotic squirrel trade and detection of human infections with variegated squirrel bornavirus 1, Germany, 2005 to 2018. <i>Eurosurveillance</i> , 2019 , 24,	19.8	10
237	Highly Pathogenic and Low Pathogenic Avian Influenza H5 Subtype Viruses in Wild Birds in Ukraine. <i>Avian Diseases</i> , 2019 , 63, 219-229	1.6	6
236	Highly Pathogenic and Low Pathogenic Avian Influenza H5 Subtype Viruses in Wild Birds in Ukraine. <i>Avian Diseases</i> , 2019 , 63, 235-245	1.6	6
235	Orthobunyavirus spike architecture and recognition by neutralizing antibodies. <i>Nature Communications</i> , 2019 , 10, 879	17.4	24
234	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , 2019 , 567, 109-112	50.4	57
233	In Vivo Characterization of Tick-Borne Encephalitis Virus in Bank Voles (). <i>Viruses</i> , 2019 , 11,	6.2	6
232	Diagnostics in the context of an eradication program: Results of the German bovine viral diarrhea proficiency trial. <i>Veterinary Microbiology</i> , 2019 , 239, 108452	3.3	7
231	Low prevalence of Borna disease virus 1 (BoDV-1) IgG antibodies in humans from areas endemic for animal Borna disease of Southern Germany. <i>Scientific Reports</i> , 2019 , 9, 20154	4.9	7
230	Molecular Detection and Characterization of the First Cowpox Virus Isolate Derived from a Bank Vole. <i>Viruses</i> , 2019 , 11,	6.2	4
229	Misinterpretation of Schmallenberg virus sequence variations: the sample material makes the difference. <i>Virus Genes</i> , 2019 , 55, 123-126	2.3	2
228	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

227	Fetal infection with Schmallenberg virus - An experimental pathogenesis study in pregnant cows. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 454-462	4.2	6
226	A newly developed tetraplex real-time RT-PCR for simultaneous screening of influenza virus types A, B, C and D. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 71-82	5.6	15
225	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
224	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018 , 163, 2295-2310	2.6	108
223	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
222	Faecal <i>Escherichia coli</i> as biological indicator of spatial interaction between domestic pigs and wild boar (<i>Sus scrofa</i>) in Corsica. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 746-757	4.2	8
221	Schmallenberg virus non-structural protein NSm: Intracellular distribution and role of non-hydrophobic domains. <i>Virology</i> , 2018 , 516, 46-54	3.6	6
220	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	4.2	42
219	Simplifying sampling for African swine fever surveillance: Assessment of antibody and pathogen detection from blood swabs. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, e165-e172	4.2	20
218	Occupation-Associated Fatal Limbic Encephalitis Caused by Variegated Squirrel Bornavirus 1, Germany, 2013. <i>Emerging Infectious Diseases</i> , 2018 , 24, 978-987	10.2	23
217	The Occurrence of a Commercial N and E Double Mutant BVDV-1 Live-Vaccine Strain in Newborn Calves. <i>Viruses</i> , 2018 , 10,	6.2	5
216	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
215	Deletion at the 5P end of Estonian ASFV strains associated with an attenuated phenotype. <i>Scientific Reports</i> , 2018 , 8, 6510	4.9	70
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10	Susceptibility of raccoon dogs for experimental SARS-CoV-2 infection	9
9	Experimental infection of cattle with SARS-CoV-2	4
8	Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals	1
7	3D reconstruction of SARS-CoV-2 infection in ferrets emphasizes focal infection pattern in the upper respiratory tract	4
6	Experimental SARS-CoV-2 infection of bank voles - general susceptibility but lack of direct transmission	1
5	CVnCoV protects human ACE2 transgenic mice from ancestral B BavPat1 and emerging B.1.351 SARS-CoV-2	3
4	Benchmark of thirteen bioinformatic pipelines for metagenomic virus diagnostics using datasets from clinical samples	1
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