

# Martin Beer

## List of Publications by Citations

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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	Novel orthobunyavirus in Cattle, Europe, 2011. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 469-72	10.2	495
369	Animal models for COVID-19. <i>Nature</i> , <b>2020</b> , 586, 509-515	50.4	377
368	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> , <b>2006</b> , 136, 200-9	2.6	288
367	SARS-CoV-2 in fruit bats, ferrets, pigs, and chickens: an experimental transmission study. <i>Lancet Microbe, The</i> , <b>2020</b> , 1, e218-e225	22.2	278
366	SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , <b>2021</b> , 592, 122-127	50.4	214
365	Genetic and antigenic characterization of an atypical pestivirus isolate, a putative member of a novel pestivirus species. <i>Journal of General Virology</i> , <b>2004</b> , 85, 3647-3652	4.9	188
364	Validation of a real-time RT-PCR assay for sensitive and specific detection of classical swine fever. <i>Journal of Virological Methods</i> , <b>2005</b> , 130, 36-44	2.6	183
363	Pathogenesis of African swine fever in domestic pigs and European wild boar. <i>Virus Research</i> , <b>2013</b> , 173, 122-30	6.4	165
362	A Variegated Squirrel Bornavirus Associated with Fatal Human Encephalitis. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 154-62	59.2	161
361	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , <b>2019</b> , 164, 1949-1965	2.6	148
360	Evidence for novel hepaciviruses in rodents. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003438	7.6	148
359	Organ distribution of Schmallenberg virus RNA in malformed newborns. <i>Veterinary Microbiology</i> , <b>2012</b> , 159, 236-8	3.3	147
358	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> , <b>2009</b> , 139, 1-23	3.3	144
357	Schmallenberg virusP-a novel orthobunyavirus emerging in Europe. <i>Epidemiology and Infection</i> , <b>2013</b> , 141, 1-8	4.3	138
356	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , <b>2017</b> , 162, 2493-2504	2.6	137
355	An avirulent chimeric Pestivirus with altered cell tropism protects pigs against lethal infection with classical swine fever virus. <i>Virology</i> , <b>2004</b> , 322, 143-57	3.6	126
354	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , <b>2020</b> , 12,	6.2	112

353	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , <b>2018</b> , 163, 2295-2310	2.6	108
352	Classical Swine Fever-An Updated Review. <i>Viruses</i> , <b>2017</b> , 9,	6.2	105
351	Novel bluetongue virus in goats, Corsica, France, 2014. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 2123-5	10.2	105
350	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> , <b>2015</b> , 160, 1657-67	2.6	104
349	Epizootic emergence of Usutu virus in wild and captive birds in Germany. <i>PLoS ONE</i> , <b>2012</b> , 7, e32604	3.7	101
348	Novel marker vaccines against classical swine fever. <i>Vaccine</i> , <b>2007</b> , 25, 5665-70	4.1	101
347	Influenza A viruses escape from MxA restriction at the expense of efficient nuclear vRNP import. <i>Scientific Reports</i> , <b>2016</b> , 6, 23138	4.9	96
346	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> , <b>2008</b> , 128, 243-52	3.3	95
345	Comparison of porcine epidemic diarrhea viruses from Germany and the United States, 2014. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 493-6	10.2	94
344	Characterization of African swine fever virus Caucasus isolate in European wild boars. <i>Emerging Infectious Diseases</i> , <b>2011</b> , 17, 2342-5	10.2	90
343	Highly pathogenic avian influenza virus infection of mallards with homo- and heterosubtypic immunity induced by low pathogenic avian influenza viruses. <i>PLoS ONE</i> , <b>2009</b> , 4, e6706	3.7	85
342	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> , <b>2007</b> , 88, 554-558	4.9	82
341	Experimental Infection of Cattle with SARS-CoV-2. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 2979-2981	10.2	82
340	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> , <b>2017</b> , 23, 633-636	10.2	79
339	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> , <b>2011</b> , 29, 5567-73	4.1	77
338	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , <b>2019</b> , 164, 927-941	2.6	76
337	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> , <b>2016</b> , 6, 27211	4.9	74
336	Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 2982-2985	10.2	73

335	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> , <b>2009</b> , 56, 57-72	4.2	73
334	An infectious bat-derived chimeric influenza virus harbouring the entry machinery of an influenza A virus. <i>Nature Communications</i> , <b>2014</b> , 5, 4448	17.4	72
333	Epidemiology of bluetongue virus serotype 8, Germany. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 433-5	10.2	72
332	Deletion at the 5Pend of Estonian ASFV strains associated with an attenuated phenotype. <i>Scientific Reports</i> , <b>2018</b> , 8, 6510	4.9	70
331	High virulence of African swine fever virus caucasus isolate in European wild boars of all ages. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 708	10.2	69
330	African swine fever - A review of current knowledge. <i>Virus Research</i> , <b>2020</b> , 287, 198099	6.4	68
329	Implicating Culicoides biting midges as vectors of Schmallenberg virus using semi-quantitative RT-PCR. <i>PLoS ONE</i> , <b>2013</b> , 8, e57747	3.7	66
328	A Versatile Sample Processing Workflow for Metagenomic Pathogen Detection. <i>Scientific Reports</i> , <b>2018</b> , 8, 13108	4.9	66
327	Oral exposure, reinfection and cellular immunity to Schmallenberg virus in cattle. <i>Veterinary Microbiology</i> , <b>2013</b> , 165, 155-9	3.3	65
326	Bluetongue virus serotype 27: detection and characterization of two novel variants in Corsica, France. <i>Journal of General Virology</i> , <b>2016</b> , 97, 2073-2083	4.9	65
325	Biological characterization of African swine fever virus genotype II strains from north-eastern Estonia in European wild boar. <i>Transboundary and Emerging Diseases</i> , <b>2017</b> , 64, 2034-2041	4.2	62
324	Schmallenberg virus-two years of experiences. <i>Preventive Veterinary Medicine</i> , <b>2014</b> , 116, 423-34	3.1	62
323	RIEMS: a software pipeline for sensitive and comprehensive taxonomic classification of reads from metagenomics datasets. <i>BMC Bioinformatics</i> , <b>2015</b> , 16, 69	3.6	60
322	Schmallenberg virus experimental infection of sheep. <i>Veterinary Microbiology</i> , <b>2013</b> , 166, 461-6	3.3	60
321	Epizootic spread of Schmallenberg virus among wild cervids, Belgium, Fall 2011. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 2006-8	10.2	60
320	High Prevalence of Highly Variable Atypical Porcine Pestiviruses Found in Germany. <i>Transboundary and Emerging Diseases</i> , <b>2017</b> , 64, e22-e26	4.2	59
319	Influenza A(H5N8) Virus Similar to Strain in Korea Causing Highly Pathogenic Avian Influenza in Germany. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 860-3	10.2	59
318	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , <b>2019</b> , 567, 109-112	50.4	57

317	A novel astrovirus associated with encephalitis and ganglionitis in domestic sheep. <i>Transboundary and Emerging Diseases</i> , <b>2017</b> , 64, 677-682	4.2	56
316	Molecular epidemiology of current classical swine fever virus isolates of wild boar in Germany. <i>Journal of General Virology</i> , <b>2010</b> , 91, 2687-97	4.9	56
315	Validation of a commercially available indirect ELISA using a nucleocapside recombinant protein for detection of Schmallenberg virus antibodies. <i>PLoS ONE</i> , <b>2013</b> , 8, e53446	3.7	55
314	Fatal Encephalitic Borna Disease Virus 1 in Solid-Organ Transplant Recipients. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 1377-1379	59.2	55
313	Schmallenberg virus challenge models in cattle: infectious serum or culture-grown virus?. <i>Veterinary Research</i> , <b>2012</b> , 43, 84	3.8	54
312	Schmallenberg Virus Recurrence, Germany, 2014. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 1202-4	10.2	53
311	Detection of a Novel Bovine Astrovirus in a Cow with Encephalitis. <i>Transboundary and Emerging Diseases</i> , <b>2016</b> , 63, 253-9	4.2	52
310	Schmallenberg virus, a novel orthobunyavirus infection in ruminants in Europe: potential global impact and preventive measures. <i>New Zealand Veterinary Journal</i> , <b>2013</b> , 61, 63-7	1.7	52
309	Schmallenberg virus in calf born at term with porencephaly, Belgium. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 1005-6	10.2	51
308	CP7_E2alf: a safe and efficient marker vaccine strain for oral immunisation of wild boar against Classical swine fever virus (CSFV). <i>Vaccine</i> , <b>2007</b> , 25, 3391-9	4.1	51
307	Dynamics of specific antibody responses induced in mallards after infection by or immunization with low pathogenicity avian influenza viruses. <i>Avian Diseases</i> , <b>2010</b> , 54, 79-85	1.6	50
306	Universal primer set for amplification and sequencing of HA0 cleavage sites of all influenza A viruses. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 2561-7	9.7	50
305	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> , <b>2012</b> , 3, 27-37	3.6	48
304	Classical swine fever vaccines-State-of-the-art. <i>Veterinary Microbiology</i> , <b>2017</b> , 206, 10-20	3.3	45
303	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> , <b>2018</b> , 8, 15	4.9	45
302	Avian influenza virus monitoring in wintering waterbirds in Iran, 2003-2007. <i>Virology Journal</i> , <b>2010</b> , 7, 43	6.1	45
301	Genetic variability and distribution of Classical swine fever virus. <i>Animal Health Research Reviews</i> , <b>2015</b> , 16, 33-9	2.1	44
300	A novel European H5N8 influenza A virus has increased virulence in ducks but low zoonotic potential. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 132	18.9	43

299	Occurrence of Antibodies against SARS-CoV-2 in the Domestic Cat Population of Germany. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	43
298	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> , <b>2021</b> , 10, 148-151	18.9	43
297	No evidence for long-term carrier status of pigs after African swine fever virus infection. <i>Transboundary and Emerging Diseases</i> , <b>2018</b> , 65, 1318-1328	4.2	42
296	Exploring the Reservoir Hosts of Tick-Borne Encephalitis Virus. <i>Viruses</i> , <b>2019</b> , 11,	6.2	41
295	A mutation Hot spot in the Schmallenberg virus M segment. <i>Journal of General Virology</i> , <b>2013</b> , 94, 1161-1167	4.6	41
294	Zoonotic spillover infections with Borna disease virus 1 leading to fatal human encephalitis, 1999-2019: an epidemiological investigation. <i>Lancet Infectious Diseases</i> , <b>2020</b> , 20, 467-477	25.5	41
293	Highly pathogenic avian influenza virus (H5N1) in frozen duck carcasses, Germany, 2007. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 272-9	10.2	40
292	Virulence, immunogenicity and vaccine properties of a novel chimeric pestivirus. <i>Journal of General Virology</i> , <b>2007</b> , 88, 481-486	4.9	39
291	Deletion mutants of Schmallenberg virus are avirulent and protect from virus challenge. <i>Journal of Virology</i> , <b>2015</b> , 89, 1825-37	6.6	38
290	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> , <b>2014</b> , 52, 1883-92	9.7	38
289	Classification of Cowpox Viruses into Several Distinct Clades and Identification of a Novel Lineage. <i>Viruses</i> , <b>2017</b> , 9,	6.2	38
288	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> , <b>2009</b> , 158, 114-22	2.6	38
287	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> , <b>2019</b> , 5, vez004	3.7	37
286	Pathogenesis of African swine fever in domestic pigs and European wild boar - Lessons learned from recent animal trials. <i>Virus Research</i> , <b>2019</b> , 271, 197614	6.4	37
285	West Nile Virus Epidemic in Germany Triggered by Epizootic Emergence, 2019. <i>Viruses</i> , <b>2020</b> , 12,	6.2	37
284	Ducks as sentinels for avian influenza in wild birds. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 1633-6	10.2	37
283	Biting Midges-Underestimated Vectors for Arboviruses of Public Health and Veterinary Importance. <i>Viruses</i> , <b>2019</b> , 11,	6.2	36
282	Towards licensing of CP7_E2alf as marker vaccine against classical swine fever-Duration of immunity. <i>Vaccine</i> , <b>2012</b> , 30, 2928-36	4.1	36

281	Porcine Epidemic Diarrhea in Europe: In-Detail Analyses of Disease Dynamics and Molecular Epidemiology. <i>Viruses</i> , <b>2017</b> , 9,	6.2	35
280	Evolutionary trajectories and diagnostic challenges of potentially zoonotic avian influenza viruses H5N1 and H9N2 co-circulating in Egypt. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 34, 278-91	4.5	35
279	Simple, sensitive, and swift sequencing of complete H5N1 avian influenza virus genomes. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 674-9	9.7	35
278	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> , <b>2009</b> , 27, 6522-9	4.1	35
277	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> , <b>2010</b> , 123, 286-92		35
276	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> , <b>2018</b> , 23,	19.8	35
275	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> , <b>2018</b> , 65, e251-e263	4.2	35
274	Sequencing approach to analyze the role of quasispecies for classical swine fever. <i>Virology</i> , <b>2013</b> , 438, 14-9	3.6	34
273	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> , <b>2011</b> , 174, 77-84	2.6	34
272	Generation of recombinant pestiviruses using a full-genome amplification strategy. <i>Veterinary Microbiology</i> , <b>2010</b> , 142, 13-7	3.3	34
271	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> , <b>2007</b> , 120, 343-51	3.3	34
270	Efficacy of marker vaccine candidate CP7_E2alf against challenge with classical swine fever virus isolates of different genotypes. <i>Veterinary Microbiology</i> , <b>2014</b> , 169, 8-17	3.3	33
269	Porcine reproductive and respiratory syndrome virus: interlaboratory ring trial to evaluate real-time reverse transcription polymerase chain reaction detection methods. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2012</b> , 24, 855-66	1.5	33
268	BVD-2 outbreak leads to high losses in cattle farms in Western Germany. <i>Heliyon</i> , <b>2015</b> , 1, e00019	3.6	32
267	Highly Pathogenic Avian Influenza H5N8 Clade 2.3.4.4b in Germany in 2016/2017. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 240	3.1	32
266	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> , <b>2013</b> , 87, 10460-76	6.6	32
265	Chimeric pestiviruses: candidates for live-attenuated classical swine fever marker vaccines. <i>Journal of General Virology</i> , <b>2007</b> , 88, 2247-2258	4.9	32
264	Comparative evaluation of live marker vaccine candidates "CP7_E2alf" and "flc11" along with C-strain "Riems" after oral vaccination. <i>Veterinary Microbiology</i> , <b>2012</b> , 158, 42-59	3.3	31

263	Tick-borne encephalitis virus (TBEV) infection in horses: clinical and laboratory findings and epidemiological investigations. <i>Veterinary Microbiology</i> , <b>2013</b> , 163, 368-72	3.3	31
262	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> , <b>2010</b> , 16, 238-44	9.5	31
261	Characterization of bluetongue virus serotype 28. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 171-182	4.2	31
260	Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 1779-1785	4.2	31
259	Mixed triple: allied viruses in unique recent isolates of highly virulent type 2 bovine viral diarrhoea virus detected by deep sequencing. <i>Journal of Virology</i> , <b>2014</b> , 88, 6983-92	6.6	30
258	Surveillance of European Domestic Pig Populations Identifies an Emerging Reservoir of Potentially Zoonotic Swine Influenza A Viruses. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 614-627.e6	23.4	30
257	Out of the Reservoir: Phenotypic and Genotypic Characterization of a Novel Cowpox Virus Isolated from a Common Vole. <i>Journal of Virology</i> , <b>2015</b> , 89, 10959-69	6.6	29
256	Efficacy of chimeric Pestivirus vaccine candidates against classical swine fever: protection and DIVA characteristics. <i>Veterinary Microbiology</i> , <b>2013</b> , 162, 437-446	3.3	29
255	Schmallenberg Virus: A Novel Virus of Veterinary Importance. <i>Advances in Virus Research</i> , <b>2017</b> , 99, 39-60	10.7	29
254	Rapid and highly sensitive neuraminidase subtyping of avian influenza viruses by use of a diagnostic DNA microarray. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 2985-8	9.7	29
253	Joining the club: First detection of African swine fever in wild boar in Germany. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 1744-1752	4.2	29
252	Spatio-temporal Analysis of the Genetic Diversity of Arctic Rabies Viruses and Their Reservoir Hosts in Greenland. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004779	4.8	28
251	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> , <b>2020</b> , 117, 20814-20825	11.5	28
250	A Deep-Sequencing Workflow for the Fast and Efficient Generation of High-Quality African Swine Fever Virus Whole-Genome Sequences. <i>Viruses</i> , <b>2019</b> , 11,	6.2	27
249	Vaccines against influenza A viruses in poultry and swine: Status and future developments. <i>Vaccine</i> , <b>2015</b> , 33, 2414-24	4.1	27
248	Natural infection of pregnant cows with Schmallenberg virus--a follow-up study. <i>PLoS ONE</i> , <b>2014</b> , 9, e98223	3.7	27
247	Characterization of a new chimeric marker vaccine candidate with a mutated antigenic E2-epitope. <i>Veterinary Microbiology</i> , <b>2010</b> , 142, 45-50	3.3	27
246	Relatives of rubella virus in diverse mammals. <i>Nature</i> , <b>2020</b> , 586, 424-428	50.4	27

245	Tick infestation in birds and prevalence of pathogens in ticks collected from different places in Germany. <i>Parasitology Research</i> , <b>2016</b> , 115, 2729-40	2.4	27
244	Rapid detection and subtyping of European swine influenza viruses in porcine clinical samples by haemagglutinin- and neuraminidase-specific tetra- and triplex real-time RT-PCRs. <i>Influenza and Other Respiratory Viruses</i> , <b>2016</b> , 10, 504-517	5.6	27
243	Pitfalls in SARS-CoV-2 PCR diagnostics. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 253-257	4.2	27
242	High definition viral vaccine strain identity and stability testing using full-genome population data--The next generation of vaccine quality control. <i>Vaccine</i> , <b>2015</b> , 33, 5829-5837	4.1	26
241	Novel HPAIV H5N8 Reassortant (Clade 2.3.4.4b) Detected in Germany. <i>Viruses</i> , <b>2020</b> , 12,	6.2	26
240	Variegated Squirrel Bornavirus 1 in Squirrels, Germany and the Netherlands. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 477-481	10.2	26
239	The neuropathology of fatal encephalomyelitis in human Borna virus infection. <i>Acta Neuropathologica</i> , <b>2019</b> , 138, 653-665	14.3	26
238	Trans-complementation of autonomously replicating Bovine viral diarrhea virus replicons with deletions in the E2 coding region. <i>Virology</i> , <b>2003</b> , 307, 213-27	3.6	26
237	Single-tube multiplexed molecular detection of endemic porcine viruses in combination with background screening for transboundary diseases. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 938-44	9.7	25
236	Comparative Analysis of Whole-Genome Sequence of African Swine Fever Virus Belgium 2018/1. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 1249-1252	10.2	24
235	Simultaneous detection of five notifiable viral diseases of cattle by single-tube multiplex real-time RT-PCR. <i>Journal of Virological Methods</i> , <b>2015</b> , 217, 28-35	2.6	24
234	Six Years (2011-2016) of Mandatory Nationwide Bovine Viral Diarrhea Control in Germany-A Success Story. <i>Pathogens</i> , <b>2017</b> , 6,	4.5	24
233	Minute excretion of highly pathogenic avian influenza virus A/chicken/Indonesia/2003 (H5N1) from experimentally infected domestic pigeons ( <i>Columba livia</i> ) and lack of transmission to sentinel chickens. <i>Journal of General Virology</i> , <b>2007</b> , 88, 3089-3093	4.9	24
232	Orthobunyavirus spike architecture and recognition by neutralizing antibodies. <i>Nature Communications</i> , <b>2019</b> , 10, 879	17.4	24
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230	Bat influenza viruses transmit among bats but are poorly adapted to non-bat species. <i>Nature Microbiology</i> , <b>2019</b> , 4, 2298-2309	26.6	23
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222	Experimental infection of sheep and goats with a recent isolate of peste des petits ruminants virus from Kurdistan. <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 140-5	3.3	22
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109	Alternative sampling strategies for passive classical and African swine fever surveillance in wild boar--extension towards African swine fever virus antibody detection. <i>Veterinary Microbiology</i> , <b>2014</b> , 174, 607-608	3.3	7
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96	Schmallenberg virus. <i>Developments in Biologicals</i> , <b>2013</b> , 135, 175-82		6
95	Highly Pathogenic and Low Pathogenic Avian Influenza H5 Subtype Viruses in Wild Birds in Ukraine. <i>Avian Diseases</i> , <b>2019</b> , 63, 219-229	1.6	6
94	Highly Pathogenic and Low Pathogenic Avian Influenza H5 Subtype Viruses in Wild Birds in Ukraine. <i>Avian Diseases</i> , <b>2019</b> , 63, 235-245	1.6	6
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90	Enhanced fitness of SARS-CoV-2 variant of concern B.1.1.7, but not B.1.351, in animal models		6
89	In Vivo Characterization of Tick-Borne Encephalitis Virus in Bank Voles ( <i>Citellus glareolus</i> ). <i>Viruses</i> , <b>2019</b> , 11,	6.2	6
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