

Tanja Opriessnig

List of Publications by Year in descending order

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239
papers

10,626
citations

31949

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docs citations

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times ranked

5074
citing authors

#	ARTICLE	IF	CITATIONS
1	Porcine Circovirus Type 2 Associated Disease: Update on Current Terminology, Clinical Manifestations, Pathogenesis, Diagnosis, and Intervention Strategies. <i>Journal of Veterinary Diagnostic Investigation</i> , 2007, 19, 591-615.	0.5	520
2	Origin, Evolution, and Genotyping of Emergent Porcine Epidemic Diarrhea Virus Strains in the United States. <i>MBio</i> , 2013, 4, e00737-13.	1.8	442
3	Polymicrobial respiratory disease in pigs. <i>Animal Health Research Reviews</i> , 2011, 12, 133-148.	1.4	320
4	Detection and characterization of infectious Hepatitis E virus from commercial pig livers sold in local grocery stores in the USA. <i>Journal of General Virology</i> , 2007, 88, 912-917.	1.3	311
5	Experimental Reproduction of Postweaning Multisystemic Wasting Syndrome in Pigs by Dual Infection with <i>Mycoplasma hyopneumoniae</i> and Porcine Circovirus Type 2. <i>Veterinary Pathology</i> , 2004, 41, 624-640.	0.8	285
6	Porcine Circovirus Type 2 and Porcine Circovirus Associated Disease. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 1151-1163.	0.6	215
7	Global molecular genetic analysis of porcine circovirus type 2 (PCV2) sequences confirms the presence of four main PCV2 genotypes and reveals a rapid increase of PCV2d. <i>Journal of General Virology</i> , 2015, 96, 1830-1841.	1.3	210
8	Effect of Vaccination with Selective Bacterins on Conventional Pigs Infected with Type 2 Porcine Circovirus. <i>Veterinary Pathology</i> , 2003, 40, 521-529.	0.8	172
9	Novel circovirus species identified in farmed pigs designated as Porcine circovirus 4, Hunan province, China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1057-1061.	1.3	172
10	A Chimeric Porcine Circovirus (PCV) with the Immunogenic Capsid Gene of the Pathogenic PCV Type 2 (PCV2) Cloned into the Genomic Backbone of the Nonpathogenic PCV1 Induces Protective Immunity against PCV2 Infection in Pigs. <i>Journal of Virology</i> , 2004, 78, 6297-6303.	1.5	169
11	Pigs Lacking the Scavenger Receptor Cysteine-Rich Domain 5 of CD163 Are Resistant to Porcine Reproductive and Respiratory Syndrome Virus 1 Infection. <i>Journal of Virology</i> , 2018, 92, .	1.5	149
12	Concurrent infections are important for expression of porcine circovirus associated disease. <i>Virus Research</i> , 2012, 164, 20-32.	1.1	141
13	Initiation at the Third In-Frame AUG Codon of Open Reading Frame 3 of the Hepatitis E Virus Is Essential for Viral Infectivity In Vivo. <i>Journal of Virology</i> , 2007, 81, 3018-3026.	1.5	140
14	Comparison of Molecular and Biological Characteristics of a Modified Live Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Vaccine (Ingelvac PRRS MLV), the Parent Strain of the Vaccine (ATCC VR2332), ATCC VR2385, and Two Recent Field Isolates of PRRSV. <i>Journal of Virology</i> , 2002, 76, 11837-11844.	1.5	139
15	Immunogenicity and Pathogenicity of Chimeric Infectious DNA Clones of Pathogenic Porcine Circovirus Type 2 (PCV2) and Nonpathogenic PCV1 in Weanling Pigs. <i>Journal of Virology</i> , 2003, 77, 11232-11243.	1.5	129
16	Inactivation of infectious hepatitis E virus present in commercial pig livers sold in local grocery stores in the United States. <i>International Journal of Food Microbiology</i> , 2008, 123, 32-37.	2.1	129
17	Differences in virulence among porcine circovirus type 2 isolates are unrelated to cluster type 2a or 2b and prior infection provides heterologous protection. <i>Journal of General Virology</i> , 2008, 89, 2482-2491.	1.3	115
18	Porcine Circovirus Type 2 (PCV2) Vaccines in the Context of Current Molecular Epidemiology. <i>Viruses</i> , 2017, 9, 99.	1.5	115

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19	Porcine Circovirus Type 2 (PCV-2) Coinfections in US Field Cases of Postweaning Multisystemic Wasting Syndrome (PMWS). <i>Journal of Veterinary Diagnostic Investigation</i> , 2002, 14, 515-519.	0.5	109
20	Epidemiology and transmission of porcine circovirus type 2 (PCV2). <i>Virus Research</i> , 2012, 164, 78-89.	1.1	105
21	Porcine circoviruses: current status, knowledge gaps and challenges. <i>Virus Research</i> , 2020, 286, 198044.	1.1	105
22	Two Amino Acid Mutations in the Capsid Protein of Type 2 Porcine Circovirus (PCV2) Enhanced PCV2 Replication In Vitro and Attenuated the Virus In Vivo. <i>Journal of Virology</i> , 2004, 78, 13440-13446.	1.5	103
23	Emergence of a novel mutant PCV2b variant associated with clinical PCVAD in two vaccinated pig farms in the U.S. concurrently infected with PPV2. <i>Veterinary Microbiology</i> , 2013, 163, 177-183.	0.8	99
24	Evidence of Breed-dependent Differences in Susceptibility to Porcine Circovirus Type-2-associated Disease and Lesions. <i>Veterinary Pathology</i> , 2006, 43, 281-293.	0.8	98
25	Identification and characterization of novel porcine astroviruses (PAstVs) with high prevalence and frequent co-infection of individual pigs with multiple PAstV types. <i>Journal of General Virology</i> , 2013, 94, 570-582.	1.3	97
26	Cross-species infection of specific pathogen-free pigs by a genotype 4 strain of human hepatitis E virus. <i>Journal of Medical Virology</i> , 2008, 80, 1379-1386.	2.5	95
27	Infectious Swine Hepatitis E Virus Is Present in Pig Manure Storage Facilities on United States Farms, but Evidence of Water Contamination Is Lacking. <i>Applied and Environmental Microbiology</i> , 2005, 71, 7831-7837.	1.4	94
28	Reproductive Failure Experimentally Induced in Sows via Artificial Insemination with Semen Spiked with Porcine Circovirus Type 2. <i>Veterinary Pathology</i> , 2009, 46, 707-716.	0.8	91
29	Influence of Maternal Antibodies on Efficacy of Porcine Circovirus Type 2 (PCV2) Vaccination To Protect Pigs from Experimental Infection with PCV2. <i>Vaccine Journal</i> , 2008, 15, 397-401.	3.2	89
30	Complete Genome Sequence of a Novel Porcine Circovirus Type 2b Variant Present in Cases of Vaccine Failures in the United States. <i>Journal of Virology</i> , 2012, 86, 12469-12469.	1.5	85
31	Genetic and experimental comparison of porcine circovirus type 2 (PCV2) isolates from cases with and without PCV2-associated lesions provides evidence for differences in virulence. <i>Journal of General Virology</i> , 2006, 87, 2923-2932.	1.3	84
32	PCV2d-2 is the predominant type of PCV2 DNA in pig samples collected in the U.S. during 2014-2016. <i>Veterinary Microbiology</i> , 2016, 197, 72-77.	0.8	83
33	Deletions of the Hypervariable Region (HVR) in Open Reading Frame 1 of Hepatitis E Virus Do Not Abolish Virus Infectivity: Evidence for Attenuation of HVR Deletion Mutants In Vivo. <i>Journal of Virology</i> , 2009, 83, 384-395.	1.5	79
34	Detection of antibodies against porcine epidemic diarrhea virus in serum and colostrum by indirect ELISA. <i>Veterinary Journal</i> , 2014, 202, 33-36.	0.6	76
35	Effect of porcine circovirus type 2 (PCV2) vaccination on porcine reproductive and respiratory syndrome virus (PRRSV) and PCV2 coinfection. <i>Veterinary Microbiology</i> , 2008, 131, 103-114.	0.8	75
36	Epidemiology and horizontal transmission of porcine circovirus type 2 (PCV2). <i>Animal Health Research Reviews</i> , 2010, 11, 217-234.	1.4	75

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37	Effects of Porcine Circovirus Type 2 (PCV2) Maternal Antibodies on Experimental Infection of Piglets with PCV2. <i>Vaccine Journal</i> , 2005, 12, 1347-1351.	3.2	74
38	Effect of porcine circovirus type 2 (PCV2) infection on reproduction: disease, vertical transmission, diagnostics and vaccination. <i>Animal Health Research Reviews</i> , 2011, 12, 47-65.	1.4	73
39	Current State of Knowledge on Porcine Circovirus Type 2-Associated Lesions. <i>Veterinary Pathology</i> , 2013, 50, 23-38.	0.8	73
40	Comparison of efficacy of commercial one dose and two dose PCV2 vaccines using a mixed PRRSV+PCV2+SIV clinical infection model 3-months post vaccination. <i>Vaccine</i> , 2009, 27, 1002-1007.	1.7	72
41	Comparison of the effectiveness of passive (dam) versus active (piglet) immunization against porcine circovirus type 2 (PCV2) and impact of passively derived PCV2 vaccine-induced immunity on vaccination. <i>Veterinary Microbiology</i> , 2010, 142, 177-183.	0.8	72
42	Effect of porcine parvovirus vaccination on the development of PMWS in segregated early weaned pigs coinfecting with type 2 porcine circovirus and porcine parvovirus. <i>Veterinary Microbiology</i> , 2004, 98, 209-220.	0.8	70
43	Porcine circovirus type 2 (PCV2) distribution and replication in tissues and immune cells in early infected pigs. <i>Veterinary Immunology and Immunopathology</i> , 2007, 115, 261-272.	0.5	65
44	Peptide-conjugated morpholino oligomers inhibit porcine reproductive and respiratory syndrome virus replication. <i>Antiviral Research</i> , 2008, 77, 95-107.	1.9	65
45	A commercial porcine circovirus (PCV) type 2a-based vaccine reduces PCV2d viremia and shedding and prevents PCV2d transmission to naïve pigs under experimental conditions. <i>Vaccine</i> , 2017, 35, 248-254.	1.7	65
46	A PCV2 vaccine based on genotype 2b is more effective than a 2a-based vaccine to protect against PCV2b or combined PCV2a/2b viremia in pigs with concurrent PCV2, PRRSV and PPV infection. <i>Vaccine</i> , 2013, 31, 487-494.	1.7	63
47	Porcine Circovirus Type 2 Infection Decreases the Efficacy of a Modified Live Porcine Reproductive and Respiratory Syndrome Virus Vaccine. <i>Vaccine Journal</i> , 2006, 13, 923-929.	3.2	61
48	Computer-aided codon-pairs deoptimization of the major envelope GP5 gene attenuates porcine reproductive and respiratory syndrome virus. <i>Virology</i> , 2014, 450-451, 132-139.	1.1	60
49	<i>Erysipelothrix Rhusiopathiae</i> : Genetic Characterization of Midwest US Isolates and Live Commercial Vaccines using Pulsed-Field Gel Electrophoresis. <i>Journal of Veterinary Diagnostic Investigation</i> , 2004, 16, 101-107.	0.5	59
50	Novel chimeric porcine circovirus (PCV) with the capsid gene of the emerging PCV2b subtype cloned in the genomic backbone of the non-pathogenic PCV1 is attenuated in vivo and induces protective and cross-protective immunity against PCV2b and PCV2a subtypes in pigs. <i>Vaccine</i> , 2010, 29, 221-232.	1.7	58
51	Commercial PCV2a-based vaccines are effective in protecting naturally PCV2b-infected finisher pigs against experimental challenge with a 2012 mutant PCV2. <i>Vaccine</i> , 2014, 32, 4342-4348.	1.7	58
52	Porcine Epidemic Diarrhea Virus RNA Present in Commercial Spray-Dried Porcine Plasma Is Not Infectious to Naïve Pigs. <i>PLoS ONE</i> , 2014, 9, e104766.	1.1	56
53	High prevalence of porcine circovirus viremia in newborn piglets in five clinically normal swine breeding herds in North America. <i>Preventive Veterinary Medicine</i> , 2010, 97, 228-236.	0.7	55
54	Randomized blinded challenge study to assess association between <i>Moraxella bovoculi</i> and Infectious Bovine Keratoconjunctivitis in dairy calves. <i>Veterinary Microbiology</i> , 2013, 164, 108-115.	0.8	55

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55	Taxonomic update for mammalian anelloviruses (family Anelloviridae). Archives of Virology, 2021, 166, 2943-2953.	0.9	55
56	The spray-drying process is sufficient to inactivate infectious porcine epidemic diarrhea virus in plasma. Veterinary Microbiology, 2014, 174, 86-92.	0.8	54
57	Characterization of a Novel Porcine Parvovirus Tentatively Designated PPV5. PLoS ONE, 2013, 8, e65312.	1.1	53
58	Identification of recently described porcine parvoviruses in archived North American samples from 1996 and association with porcine circovirus associated disease. Veterinary Microbiology, 2014, 173, 9-16.	0.8	53
59	A commercial vaccine based on PCV2a and an experimental vaccine based on a variant mPCV2b are both effective in protecting pigs against challenge with a 2013 U.S. variant mPCV2b strain. Vaccine, 2014, 32, 230-237.	1.7	51
60	Porcine circovirus type 2 (PCV2)-infection and re-inoculation with homologous or heterologous strains: virological, serological, pathological and clinical effects in growing pigs. Veterinary Research, 2010, 41, 31.	1.1	51
61	Establishment of a DNA-launched infectious clone for a highly pneumovirulent strain of type 2 porcine reproductive and respiratory syndrome virus: Identification and in vitro and in vivo characterization of a large spontaneous deletion in the nsp2 region. Virus Research, 2011, 160, 264-273.	1.1	50
62	Rescue of a genotype 4 human hepatitis E virus from cloned cDNA and characterization of intergenotypic chimeric viruses in cultured human liver cells and in pigs. Journal of General Virology, 2012, 93, 2183-2194.	1.3	49
63	Genomic analysis of the multi-host pathogen Erysipelothrix rhusiopathiae reveals extensive recombination as well as the existence of three generalist clades with wide geographic distribution. BMC Genomics, 2016, 17, 461.	1.2	49
64	Development and Application of an ELISA for the Detection of Porcine Deltacoronavirus IgG Antibodies. PLoS ONE, 2015, 10, e0124363.	1.1	48
65	Infectivity of porcine circovirus type 2 DNA in semen from experimentally-infected boars. Veterinary Research, 2009, 40, 10.	1.1	48
66	The open reading frame 3 (ORF3) of porcine circovirus type 2 (PCV2) is dispensable for virus infection but evidence of reduced pathogenicity is limited in pigs infected by an ORF3-null PCV2 mutant. Virus Research, 2010, 147, 60-66.	1.1	47
67	Prevalence and phylogenetic analysis of the current porcine circovirus 2 genotypes after implementation of widespread vaccination programmes in the USA. Journal of General Virology, 2012, 93, 1345-1355.	1.3	46
68	Characterization of porcine parvovirus type 2 (PPV2) which is highly prevalent in the USA. Veterinary Microbiology, 2013, 161, 325-330.	0.8	46
69	Characterization of Shedding Patterns of Porcine Circovirus Types 2a and 2b in Experimentally Inoculated Mature Boars. Journal of Veterinary Diagnostic Investigation, 2008, 20, 725-734.	0.5	44
70	Porcine reproductive and respiratory syndrome virus (PRRSV) influences infection dynamics of porcine circovirus type 2 (PCV2) subtypes PCV2a and PCV2b by prolonging PCV2 viremia and shedding. Veterinary Microbiology, 2011, 152, 235-246.	0.8	44
71	Evaluation of porcine epidemic diarrhea virus transmission and the immune response in growing pigs. Veterinary Research, 2015, 46, 49.	1.1	44
72	Effect of Porcine Circovirus Type 2 (PCV2) Vaccination of the Dam on PCV2 Replication In Utero. Vaccine Journal, 2009, 16, 830-834.	3.2	43

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73	Mutant USA strain of porcine circovirus type 2 (mPCV2) exhibits similar virulence to the classical PCV2a and PCV2b strains in caesarean-derived, colostrum-deprived pigs. <i>Journal of General Virology</i> , 2014, 95, 2495-2503.	1.3	43
74	Rapid detection and differentiation of <i>Erysipelothrix</i> spp. by a novel multiplex real-time PCR assay. <i>Journal of Applied Microbiology</i> , 2010, 108, 1083-1093.	1.4	42
75	Expression of the putative ORF1 capsid protein of Torque teno sus virus 2 (TTSuV2) and development of Western blot and ELISA serodiagnostic assays: Correlation between TTSuV2 viral load and IgG antibody level in pigs. <i>Virus Research</i> , 2011, 158, 79-88.	1.1	41
76	<i>Lawsonia intracellularis</i> : Revisiting the Disease Ecology and Control of This Fastidious Pathogen in Pigs. <i>Frontiers in Veterinary Science</i> , 2018, 5, 181.	0.9	41
77	Difference in severity of porcine circovirus type two-induced pathological lesions between Landrace and Pietrain pigs. <i>Journal of Animal Science</i> , 2009, 87, 1582-1590.	0.2	40
78	Enhancing neutralizing antibody production by an interferon-inducing porcine reproductive and respiratory syndrome virus strain. <i>Vaccine</i> , 2013, 31, 5537-5543.	1.7	40
79	Virome of US bovine calf serum. <i>Biologicals</i> , 2017, 46, 64-67.	0.5	39
80	Effects of the timing of the administration of <i>Mycoplasma hyopneumoniae</i> bacterin on the development of lesions associated with porcine circovirus type 2. <i>Veterinary Record</i> , 2006, 158, 149-154.	0.2	38
81	The prevalence of Torque teno sus virus (TTSuV) is common and increases with the age of growing pigs in the United States. <i>Journal of Virological Methods</i> , 2012, 183, 40-44.	1.0	38
82	Shedding and infection dynamics of porcine circovirus type 2 (PCV2) after experimental infection. <i>Veterinary Microbiology</i> , 2011, 149, 91-98.	0.8	37
83	Descriptive epidemiology of <i>Moraxella bovis</i> , <i>Moraxella bovoculi</i> and <i>Moraxella ovis</i> in beef calves with naturally occurring infectious bovine keratoconjunctivitis (Pinkeye). <i>Veterinary Microbiology</i> , 2012, 155, 374-380.	0.8	37
84	<i>Erysipelothrix rhusiopathiae</i> Isolates Recovered from Fish, a Harbour Seal (<i>Phoca vitulina</i>) and the Marine Environment are Capable of Inducing Characteristic Cutaneous Lesions in Pigs. <i>Journal of Comparative Pathology</i> , 2013, 148, 365-372.	0.1	36
85	Cardiovascular Lesions in Pigs Naturally or Experimentally Infected with Porcine Circovirus Type 2. <i>Journal of Comparative Pathology</i> , 2006, 134, 105-110.	0.1	35
86	<i>Erysipelothrix</i> Spp.: Past, Present, and Future Directions in Vaccine Research. <i>Frontiers in Veterinary Science</i> , 2020, 7, 174.	0.9	35
87	Mortality in pigs given porcine circovirus type 2 subgroup 1 and 2 viruses derived from <i>scp</i> clones. <i>Veterinary Record</i> , 2007, 161, 428-429.	0.2	34
88	Identification of surface protective antigen (spa) types in <i>Erysipelothrix</i> reference strains and diagnostic samples by spa multiplex real-time and conventional PCR assays. <i>Journal of Applied Microbiology</i> , 2010, 109, 1227-1233.	1.4	34
89	Characterization of <i>Erysipelothrix</i> Species Isolates from Clinically Affected Pigs, Environmental Samples, and Vaccine Strains from Six Recent Swine Erysipelas Outbreaks in the United States. <i>Vaccine Journal</i> , 2010, 17, 1605-1611.	3.2	34
90	<i>Erysipelothrix</i> Spp. Genotypes, Serotypes, and Surface Protective Antigen Types Associated with Abattoir Condemnations. <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 139-142.	0.5	34

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91	Attenuation of Porcine Reproductive and Respiratory Syndrome Virus by Molecular Breeding of Virus Envelope Genes from Genetically Divergent Strains. <i>Journal of Virology</i> , 2013, 87, 304-313.	1.5	34
92	Isolation and evolutionary analyses of gout-associated goose astrovirus causing disease in experimentally infected chickens. <i>Poultry Science</i> , 2021, 100, 543-552.	1.5	34
93	Quantification of PCV2 capsid transcript in peripheral blood mononuclear cells (PBMCs) in vitro. <i>Veterinary Microbiology</i> , 2007, 123, 34-42.	0.8	33
94	Coronavirus disease 2019 (COVID-19) outbreak: Could pigs be vectors for human infections?. <i>Xenotransplantation</i> , 2020, 27, e12591.	1.6	33
95	Hepatitis E Virus in Pigs from Slaughterhouses, United States, 2017-2019. <i>Emerging Infectious Diseases</i> , 2020, 26, 354-357.	2.0	33
96	Porcine circovirus type 2 (PCV2) vaccination is effective in reducing disease and PCV2 shedding in semen of boars concurrently infected with PCV2 and <i>Mycoplasma hyopneumoniae</i> . <i>Theriogenology</i> , 2011, 76, 351-360.	0.9	32
97	Increasing porcine PARV4 prevalence with pig age in the U.S. pig population. <i>Veterinary Microbiology</i> , 2012, 160, 290-296.	0.8	32
98	Detection of immunoglobulin (Ig) A antibodies against porcine epidemic diarrhea virus (PEDV) in fecal and serum samples. <i>MethodsX</i> , 2015, 2, 368-373.	0.7	32
99	Identification and characterization of multiple porcine astrovirus genotypes in Hunan province, China. <i>Archives of Virology</i> , 2017, 162, 943-952.	0.9	32
100	Predicting vaccine effectiveness in livestock populations: A theoretical framework applied to PRRS virus infections in pigs. <i>PLoS ONE</i> , 2019, 14, e0220738.	1.1	32
101	Detection and in vitro and in vivo characterization of porcine circovirus DNA from a porcine-derived commercial pepsin product. <i>Journal of General Virology</i> , 2004, 85, 3377-3382.	1.3	31
102	Inhibition of porcine reproductive and respiratory syndrome virus infection in piglets by a peptide-conjugated morpholino oligomer. <i>Antiviral Research</i> , 2011, 91, 36-42.	1.9	31
103	A Live-Attenuated Chimeric Porcine Circovirus Type 2 (PCV2) Vaccine Is Transmitted to Contact Pigs but Is Not Upregulated by Concurrent Infection with Porcine Parvovirus (PPV) and Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) and Is Efficacious in a PCV2b-PRRSV-PPV Challenge Model. <i>Vaccine Journal</i> , 2011, 18, 1261-1268.	3.2	31
104	Comparison of Commercial Real-Time Reverse Transcription-PCR Assays for Reliable, Early, and Rapid Detection of Heterologous Strains of Porcine Reproductive and Respiratory Syndrome Virus in Experimentally Infected or Noninfected Boars by Use of Different Sample Types. <i>Journal of Clinical Microbiology</i> , 2013, 51, 547-556.	1.8	31
105	Evaluation of serological cross-reactivity and cross-neutralization between the United States porcine epidemic diarrhea virus prototype and S-INDEL-variant strains. <i>BMC Veterinary Research</i> , 2016, 12, 70.	0.7	31
106	Circulation of Porcine Parvovirus Types 1 through 6 in Serum Samples Obtained from Six Commercial Polish Pig Farms. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1945-1952.	1.3	31
107	Development and validation of a duplex real-time PCR assay for the simultaneous detection and quantification of porcine circovirus type 2 and an internal control on porcine semen samples. <i>Journal of Virological Methods</i> , 2008, 149, 217-225.	1.0	30
108	Experimental Reproduction of Porcine Circovirus Type 2 (PCV2)-Associated Enteritis in Pigs Infected with PCV2 Alone or Concurrently with <i>Lawsonia intracellularis</i> or <i>Salmonella typhimurium</i> . <i>Journal of Comparative Pathology</i> , 2011, 145, 261-270.	0.1	30

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109	Effect of an interferon-stimulated response element (ISRE) mutant of porcine circovirus type 2 (PCV2) on PCV2-induced pathological lesions in a porcine reproductive and respiratory syndrome virus (PRRSV) co-infection model. <i>Veterinary Microbiology</i> , 2011, 147, 49-58.	0.8	30
110	First Report of Hepatitis E Virus Circulation in Domestic Pigs in Nigeria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 699-704.	0.6	30
111	Molecular evolutionary genetic analysis of emerging parvoviruses identified in pigs. <i>Infection, Genetics and Evolution</i> , 2013, 16, 369-376.	1.0	29
112	ORF4-protein deficient PCV2 mutants enhance virus-induced apoptosis and show differential expression of mRNAs in vitro. <i>Virus Research</i> , 2014, 183, 56-62.	1.1	29
113	Porcine circovirus type 2 in muscle and bone marrow is infectious and transmissible to naïve pigs by oral consumption. <i>Veterinary Microbiology</i> , 2009, 133, 54-64.	0.8	28
114	Cytokine and chemokine mRNA expression profiles in tracheobronchial lymph nodes from pigs singularly infected or coinfecting with porcine circovirus type 2 (PCV2) and <i>Mycoplasma hyopneumoniae</i> (MHYO). <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 152-158.	0.5	28
115	Shedding and infection dynamics of porcine circovirus type 2 (PCV2) after natural exposure. <i>Veterinary Microbiology</i> , 2011, 149, 225-229.	0.8	28
116	Evaluation of the efficacy of a commercial inactivated genogroup 2b-based porcine epidemic diarrhea virus (PEDV) vaccine and experimental live genogroup 1b exposure against 2b challenge. <i>Veterinary Research</i> , 2017, 48, 69.	1.1	28
117	Rescue of a Porcine Anellovirus (Torque Teno Sus Virus 2) from Cloned Genomic DNA in Pigs. <i>Journal of Virology</i> , 2012, 86, 6042-6054.	1.5	27
118	Comparison of Conventional Direct and Enrichment Culture Methods for <i>Erysipelothrix</i> spp. from Experimentally and Naturally Infected Swine. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009, 21, 863-868.	0.5	26
119	Commercially produced spray-dried porcine plasma contains increased concentrations of porcine circovirus type 2 DNA but does not transmit porcine circovirus type 2 when fed to naïve pigs. <i>Journal of Animal Science</i> , 2011, 89, 1930-1938.	0.2	26
120	Three Amino Acid Mutations (F51L, T59A, and S390L) in the Capsid Protein of the Hepatitis E Virus Collectively Contribute to Virus Attenuation. <i>Journal of Virology</i> , 2011, 85, 5338-5349.	1.5	26
121	Future perspectives on swine viral vaccines: where are we headed?. <i>Porcine Health Management</i> , 2021, 7, 1.	0.9	26
122	Effect of natural or vaccine-induced porcine circovirus type 2 (PCV2) immunity on fetal infection after artificial insemination with PCV2 spiked semen. <i>Theriogenology</i> , 2009, 72, 747-754.	0.9	25
123	Serological Profile of Torque Teno Sus Virus Species 1 (TTSuV1) in Pigs and Antigenic Relationships between Two TTSuV1 Genotypes (1a and 1b), between Two Species (TTSuV1 and -2), and between Porcine and Human Anelloviruses. <i>Journal of Virology</i> , 2012, 86, 10628-10639.	1.5	24
124	Serotypes and Spa types of <i>Erysipelothrix rhusiopathiae</i> isolates from British pigs (1987 to 2015). <i>Veterinary Journal</i> , 2017, 225, 13-15.	0.6	24
125	Enhancing heterologous protection in pigs vaccinated with chimeric porcine reproductive and respiratory syndrome virus containing the full-length sequences of shuffled structural genes of multiple heterologous strains. <i>Vaccine</i> , 2017, 35, 2427-2434.	1.7	24
126	Studies on Porcine Circovirus Type 2 Vaccination of 5-Day-Old Piglets. <i>Vaccine Journal</i> , 2011, 18, 1865-1871.	3.2	23

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127	Development and application of a recombinant M protein-based indirect ELISA for the detection of porcine deltacoronavirus IgG antibodies. <i>Journal of Virological Methods</i> , 2017, 249, 76-78.	1.0	23
128	Evidence for an unknown agent antigenically related to the hepatitis E virus in dairy cows in the United States. <i>Journal of Medical Virology</i> , 2019, 91, 677-686.	2.5	23
129	Comparison of Three Enzyme-Linked Immunosorbent Assays to Detect <i>Porcine Circovirus-2</i> (PCV-2)â€™Specific Antibodies after Vaccination or Inoculation of Pigs with Distinct PCV-1 or PCV-2 Isolates. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008, 20, 744-751.	0.5	22
130	Efficient priming of CD4â€™T cells by Langerin-expressing dendritic cells targeted with porcine epidemic diarrhea virus spike protein domains in pigs. <i>Virus Research</i> , 2017, 227, 212-219.	1.1	22
131	First identification of porcine parvovirus 6 in Poland. <i>Virus Genes</i> , 2017, 53, 100-104.	0.7	22
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146	Identification and characterization of avian hepatitis E virus in 2013 outbreaks of hepatitis-splenomegaly syndrome in two US layer operations. <i>Avian Pathology</i> , 2014, 43, 357-363.	0.8	18
147	A sensitive multiplex real-time PCR panel for rapid diagnosis of viruses associated with porcine respiratory and reproductive disorders. <i>Molecular and Cellular Probes</i> , 2014, 28, 264-270.	0.9	18
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157	Efficacy of experimentally produced spray-dried plasma on infectivity of porcine circovirus type 2. <i>Journal of Animal Science</i> , 2010, 88, 4078-4085.	0.2	16
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179	Diagnostic evaluation of assays for detection of antibodies against porcine epidemic diarrhea virus (PEDV) in pigs exposed to different PEDV strains. <i>Preventive Veterinary Medicine</i> , 2016, 135, 87-94.	0.7	13
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196	Multicentric T-cell Lymphosarcoma in a White-tailed Deer (<i>Odocoileus virginianus</i>). <i>Journal of Wildlife Diseases</i> , 2009, 45, 791-794.	0.3	9
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216	Third update on possible animal sources for human COVID-19. <i>Xenotransplantation</i> , 2021, 28, e12671.	1.6	6

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