

Assessment of the economic impact of porcine reproductive swine production in the United States

Journal of the American Veterinary Medical Association
227, 385-392

DOI: [10.2460/javma.2005.227.385](https://doi.org/10.2460/javma.2005.227.385)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Porcine reproductive and respiratory syndrome virus. <i>Theriogenology</i> , 2006, 66, 655-662.	0.9	169
2	Infectious clone-derived viruses from virulent and vaccine strains of porcine reproductive and respiratory syndrome virus mimic biological properties of their parental viruses in a pregnant sow model. <i>Vaccine</i> , 2006, 24, 7071-7080.	1.7	27
3	First Results of Detection of PRRSV and CSFV RNA by SYBR Green I-based Quantitative PCR. <i>Zoonoses and Public Health</i> , 2006, 53, 461-467.	1.4	12
4	The small envelope protein of porcine reproductive and respiratory syndrome virus possesses ion channel protein-like properties. <i>Virology</i> , 2006, 355, 30-43.	1.1	73
5	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
6	A Full-Length cDNA Infectious Clone of North American Type 1 Porcine Reproductive and Respiratory Syndrome Virus: Expression of Green Fluorescent Protein in the Nsp2 Region. <i>Journal of Virology</i> , 2006, 80, 11447-11455.	1.5	120
7	The Application of Biotechnical and Epidemiologic Tools for Pig Health. <i>Animal Biotechnology</i> , 2006, 17, 177-187.	0.7	3
8	CD163 Expression Confers Susceptibility to Porcine Reproductive and Respiratory Syndrome Viruses. <i>Journal of Virology</i> , 2007, 81, 7371-7379.	1.5	287
9	Antibody Repertoire Development in Fetal and Neonatal Piglets: XIX. Undiversified B Cells with Hydrophobic HCDR3s Preferentially Proliferate in the Porcine Reproductive and Respiratory Syndrome. <i>Journal of Immunology</i> , 2007, 178, 6320-6331.	0.4	51
10	Applying spatial analysis to a porcine reproductive and respiratory syndrome regional control programme. <i>Veterinary Record</i> , 2007, 161, 137-138.	0.2	5
11	Effect of vaccination with a modified-live porcine reproductive and respiratory syndrome virus vaccine on dynamics of homologous viral infection in pigs. <i>American Journal of Veterinary Research</i> , 2007, 68, 565-571.	0.3	51
12	Use of an Experimental Model To Test the Efficacy of Planned Exposure to Live Porcine Reproductive and Respiratory Syndrome Virus. <i>Vaccine Journal</i> , 2007, 14, 1572-1577.	3.2	19
13	Advances in Swine Biomedical Model Genomics. <i>International Journal of Biological Sciences</i> , 2007, 3, 179-184.	2.6	439
14	Evaluation of Surveillance Protocols for Detecting Porcine Reproductive and Respiratory Syndrome Virus Infection in Boar Studs by Simulation Modeling. <i>Journal of Veterinary Diagnostic Investigation</i> , 2007, 19, 492-501.	0.5	21
15	Impact of a modified-live porcine reproductive and respiratory syndrome virus vaccine intervention on a population of pigs infected with a heterologous isolate. <i>Vaccine</i> , 2007, 25, 4382-4391.	1.7	87
16	Monoclonal antibody and porcine antisera recognized B-cell epitopes of Nsp2 protein of a Chinese strain of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2007, 126, 207-215.	1.1	46
17	Innate Immune Responses to Replication of Porcine Reproductive And Respiratory Syndrome Virus in Isolated Swine Alveolar Macrophages. <i>Viral Immunology</i> , 2007, 20, 105-118.	0.6	82
18	Analysis of the risk of introduction and spread of porcine reproductive and respiratory syndrome virus through importation of raw pigmeat into New Zealand. <i>New Zealand Veterinary Journal</i> , 2007, 55, 326-336.	0.4	13

#	ARTICLE	IF	CITATIONS
19	Genetic Perspectives on Host Responses to Porcine Reproductive and Respiratory Syndrome (PRRS). <i>Viral Immunology</i> , 2007, 20, 343-358.	0.6	61
20	Differential immunity in pigs with high and low responses to porcine reproductive and respiratory syndrome virus infection ^{1,2} . <i>Journal of Animal Science</i> , 2007, 85, 2075-2092.	0.2	63
21	Assessment of the efficacy of commercial porcine reproductive and respiratory syndrome virus (PRRSV) vaccines based on measurement of serologic response, frequency of gamma-IFN-producing cells and virological parameters of protection upon challenge. <i>Veterinary Microbiology</i> , 2007, 123, 69-85.	0.8	271
22	Effect of genotypic and biotypic differences among PRRS viruses on the serologic assessment of pigs for virus infection. <i>Veterinary Microbiology</i> , 2007, 123, 1-14.	0.8	73
23	The isolator piglet: a model for studying the development of adaptive immunity. <i>Immunologic Research</i> , 2007, 39, 33-51.	1.3	54
24	Molecular assessment of the role of envelope-associated structural proteins in cross neutralization among different PRRS viruses. <i>Virus Genes</i> , 2008, 37, 380-391.	0.7	63
25	Recovery of viable porcine reproductive and respiratory syndrome virus from an infectious clone containing a partial deletion within the Nsp2-encoding region. <i>Archives of Virology</i> , 2008, 153, 899-907.	0.9	25
26	Porcine reproductive and respiratory syndrome virus (PRRSV) in GB pig herds: farm characteristics associated with heterogeneity in seroprevalence. <i>BMC Veterinary Research</i> , 2008, 4, 48.	0.7	32
27	Feasibility of pooled-sample testing for the detection of porcine reproductive and respiratory syndrome virus antibodies on serum samples by ELISA. <i>Veterinary Microbiology</i> , 2008, 130, 60-68.	0.8	20
28	Identification of virulence determinants of porcine reproductive and respiratory syndrome virus through construction of chimeric clones. <i>Virology</i> , 2008, 380, 371-378.	1.1	79
29	Porcine plasma ficolin binds and reduces infectivity of porcine reproductive and respiratory syndrome virus (PRRSV) in vitro. <i>Antiviral Research</i> , 2008, 77, 28-38.	1.9	20
30	Peptide-conjugated morpholino oligomers inhibit porcine reproductive and respiratory syndrome virus replication. <i>Antiviral Research</i> , 2008, 77, 95-107.	1.9	65
31	Evaluation of the Pathogenicity and Transmissibility of a Chilean Isolate of Porcine Reproductive and Respiratory Syndrome Virus. <i>Transboundary and Emerging Diseases</i> , 2008, 55, 115-124.	1.3	10
32	Purification of the major envelop protein GP5 of porcine reproductive and respiratory syndrome virus (PRRSV) from native virions. <i>Journal of Virological Methods</i> , 2008, 147, 127-135.	1.0	12
33	Genome-wide transcriptional response of primary alveolar macrophages following infection with porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2008, 89, 2550-2564.	1.3	100
34	Simultaneous detection and genotyping of porcine reproductive and respiratory syndrome virus (PRRSV) by real-time RT-PCR and amplicon melting curve analysis using SYBR Green. <i>Research in Veterinary Science</i> , 2008, 85, 184-193.	0.9	35
35	Identification of immunodominant T-cell epitopes present in glycoprotein 5 of the North American genotype of porcine reproductive and respiratory syndrome virus. <i>Vaccine</i> , 2008, 26, 4747-4753.	1.7	58
36	Immune response against porcine reproductive and respiratory syndrome virus during acute and chronic infection. <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 283-292.	0.5	65

#	ARTICLE	IF	CITATIONS
37	Different Biological Characteristics of Wild-Type Porcine Reproductive and Respiratory Syndrome Viruses and Vaccine Viruses and Identification of the Corresponding Genetic Determinants. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1758-1768.	1.8	34
38	Porcine Reproductive and Respiratory Syndrome Virus Subverts Repertoire Development by Proliferation of Germline-Encoded B Cells of All Isotypes Bearing Hydrophobic Heavy Chain CDR3. <i>Journal of Immunology</i> , 2008, 180, 2347-2356.	0.4	32
39	Sialoadhesin and CD163 join forces during entry of the porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2008, 89, 2943-2953.	1.3	203
40	Development of genetic markers in the non-structural protein 2 region of a US type 1 porcine reproductive and respiratory syndrome virus: implications for future recombinant marker vaccine development. <i>Journal of General Virology</i> , 2008, 89, 3086-3096.	1.3	55
41	Diagnostic Performance of Assays for the Detection of Anti-Porcine Reproductive and Respiratory Syndrome Virus Antibodies in Serum and Muscle Transudate (â€œMeat Juiceâ€) Based on Samples Collected under Experimental Conditions. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008, 20, 735-743.	0.5	11
42	Presence of free haptoglobin alpha 1S-subunit in acute porcine reproductive and respiratory syndrome virus infection. <i>Journal of General Virology</i> , 2008, 89, 2746-2753.	1.3	11
43	Evaluation of contact exposure as a method for acclimatizing growing pigs to porcine reproductive and respiratory syndrome virus. <i>Journal of the American Veterinary Medical Association</i> , 2008, 232, 1530-1535.	0.2	10
44	Toll-like Receptor 3 Activation Decreases Porcine Arterivirus Infection. <i>Viral Immunology</i> , 2008, 21, 303-314.	0.6	40
45	Intracellular Localization of the Porcine Reproductive and Respiratory Syndrome Virus Nucleocapsid Protein. <i>Journal of Bacteriology and Virology</i> , 2008, 38, 29.	0.0	0
46	Differential expression in lung and bronchial lymph node of pigs with high and low responses to infection with porcine reproductive and respiratory syndrome virus1,2. <i>Journal of Animal Science</i> , 2008, 86, 3279-3289.	0.2	17
47	Genetic parameters for performance traits in commercial sows estimated before and after an outbreak of porcine reproductive and respiratory syndrome1. <i>Journal of Animal Science</i> , 2009, 87, 876-884.	0.2	47
49	Isolator and other neonatal piglet models in developmental immunology and identification of virulence factors. <i>Animal Health Research Reviews</i> , 2009, 10, 35-52.	1.4	11
50	FERAL SWINE CONTACT WITH DOMESTIC SWINE: A SEROLOGIC SURVEY AND ASSESSMENT OF POTENTIAL FOR DISEASE TRANSMISSION. <i>Journal of Wildlife Diseases</i> , 2009, 45, 422-429.	0.3	118
51	Changes in Lymphocyte Subsets and Cytokines During European Porcine Reproductive and Respiratory Syndrome: Increased Expression of IL-12 and IL-10 and Proliferation of CD4 ⁺ CD8 ^{high} . <i>Viral Immunology</i> , 2009, 22, 261-271.	0.6	38
52	Serologic Survey for Selected Infectious Diseases in Raccoons (<i>Procyon lotor</i>) in Indiana, USA. <i>Journal of Wildlife Diseases</i> , 2009, 45, 531-536.	0.3	20
53	The 30-Amino-Acid Deletion in the Nsp2 of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Emerging in China Is Not Related to Its Virulence. <i>Journal of Virology</i> , 2009, 83, 5156-5167.	1.5	238
54	Antimicrobial Host Defense Peptides in an Arteriviral Infection: Differential Peptide Expression and Virus Inactivation. <i>Viral Immunology</i> , 2009, 22, 235-242.	0.6	27
55	Use of a production region model to assess the airborne spread of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2009, 136, 1-7.	0.8	86

#	ARTICLE	IF	CITATIONS
56	Evaluation of alternative strategies to MERV 16-based air filtration systems for reduction of the risk of airborne spread of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2009, 138, 106-113.	0.8	18
57	Induction of T helper 3 regulatory cells by dendritic cells infected with porcine reproductive and respiratory syndrome virus. <i>Virology</i> , 2009, 387, 373-379.	1.1	81
58	GP3 is a structural component of the PRRSV type II (US) virion. <i>Virology</i> , 2009, 390, 31-36.	1.1	36
59	Evaluation of the Risk of PRRSV Transmission via Ingestion of Muscle from Persistently Infected Pigs. <i>Transboundary and Emerging Diseases</i> , 2009, 56, 1-8.	1.3	8
60	Enhanced inhibition of porcine reproductive and respiratory syndrome virus replication by combination of morpholino oligomers. <i>Antiviral Research</i> , 2009, 82, 59-66.	1.9	19
61	Mouse $\tilde{\Lambda}$ - pig chimeric antibodies expressed in Baculovirus retain the same properties of their parent antibodies. <i>Biotechnology Progress</i> , 2009, 25, 516-523.	1.3	4
62	Complete genomic characterization of a European type 1 porcine reproductive and respiratory syndrome virus isolate in Korea. <i>Archives of Virology</i> , 2009, 154, 629-638.	0.9	49
63	Genetic variation and pathogenicity of highly virulent porcine reproductive and respiratory syndrome virus emerging in China. <i>Archives of Virology</i> , 2009, 154, 1589-1597.	0.9	48
64	Immunoglobulins, antibody repertoire and B cell development. <i>Developmental and Comparative Immunology</i> , 2009, 33, 321-333.	1.0	77
65	Efficacy of a modified live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine in pigs naturally exposed to a heterologous European (Italian cluster) field strain: Clinical protection and cell-mediated immunity. <i>Vaccine</i> , 2009, 27, 3788-3799.	1.7	143
66	Adjuvants for porcine reproductive and respiratory syndrome virus vaccines. <i>Veterinary Immunology and Immunopathology</i> , 2009, 129, 1-13.	0.5	41
67	Modulation of CD163 receptor expression and replication of porcine reproductive and respiratory syndrome virus in porcine macrophages. <i>Virus Research</i> , 2009, 140, 161-171.	1.1	73
68	Identification and characterization of a porcine monocytic cell line supporting porcine reproductive and respiratory syndrome virus (PRRSV) replication and progeny virion production by using an improved DNA-launched PRRSV reverse genetics system. <i>Virus Research</i> , 2009, 145, 1-8.	1.1	16
69	Infection of porcine alveolar macrophages with recombinant chimeric porcine reproductive and respiratory syndrome virus: Effects on cellular gene transcription and virus growth. <i>Virus Research</i> , 2009, 145, 145-150.	1.1	16
70	Molecular variation analysis of porcine reproductive and respiratory syndrome virus in China. <i>Virus Research</i> , 2009, 145, 97-105.	1.1	97
71	Structure and Cleavage Specificity of the Chymotrypsin-Like Serine Protease (3CLSP/nsp4) of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV). <i>Journal of Molecular Biology</i> , 2009, 392, 977-993.	2.0	66
72	DNA vaccines in veterinary use. <i>Expert Review of Vaccines</i> , 2009, 8, 1251-1276.	2.0	90
73	Age-dependent resistance to Porcine reproductive and respiratory syndrome virus replication in swine. <i>Virology Journal</i> , 2009, 6, 177.	1.4	89

#	ARTICLE	IF	CITATIONS
74	Changes in the Cellular Proteins of Pulmonary Alveolar Macrophage Infected with Porcine Reproductive and Respiratory Syndrome Virus by Proteomics Analysis. <i>Journal of Proteome Research</i> , 2009, 8, 3091-3097.	1.8	99
75	Morpholino oligomer-mediated protection of porcine pulmonary alveolar macrophages from arterivirus-induced cell death. <i>Antiviral Therapy</i> , 2009, 14, 899-909.	0.6	18
76	Effects of porcine reproductive and respiratory syndrome virus infection on the performance of pregnant gilts and growing pigs. <i>Animal Production Science</i> , 2010, 50, 890.	0.6	6
77	Deletion of the cytoplasmic domain of CD163 enhances porcine reproductive and respiratory syndrome virus replication. <i>Archives of Virology</i> , 2010, 155, 1319-1323.	0.9	13
78	Characterization of the biochemical properties and identification of amino acids forming the catalytic center of 3C-like proteinase of porcine reproductive and respiratory syndrome virus. <i>Biotechnology Letters</i> , 2010, 32, 1905-1910.	1.1	8
79	Accelerated evolution of PRRSV during recent outbreaks in China. <i>Virus Genes</i> , 2010, 41, 241-245.	0.7	32
80	Cytokine Expression by Macrophages in the Lung of Pigs Infected with the Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Comparative Pathology</i> , 2010, 142, 51-60.	0.1	92
81	Generation of a porcine alveolar macrophage cell line for the growth of porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2010, 163, 410-415.	1.0	81
82	Risk factors associated with pleuritis and cranio-ventral pulmonary consolidation in slaughter-aged pigs. <i>Veterinary Journal</i> , 2010, 184, 326-333.	0.6	107
83	The immunogenicity of DNA constructs co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus conjugated by GPGP linker in pigs. <i>Veterinary Microbiology</i> , 2010, 146, 189-199.	0.8	29
84	European genotype of porcine reproductive and respiratory syndrome (PRRSV) infects monocyte-derived dendritic cells but does not induce Treg cells. <i>Virology</i> , 2010, 396, 264-271.	1.1	83
85	Identification of two auto-cleavage products of nonstructural protein 1 (nsp1) in porcine reproductive and respiratory syndrome virus infected cells: nsp1 function as interferon antagonist. <i>Virology</i> , 2010, 398, 87-97.	1.1	138
86	Purification of porcine reproductive and respiratory syndrome virus from cell culture using ultrafiltration and heparin affinity chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 3489-3493.	1.8	26
87	Susceptible cell lines for the production of porcine reproductive and respiratory syndrome virus by stable transfection of sialoadhesin and CD163. <i>BMC Biotechnology</i> , 2010, 10, 48.	1.7	55
88	Development and characterization of stable cell lines constitutively expressing the porcine reproductive and respiratory syndrome virus nucleocapsid protein. <i>Journal of Veterinary Science</i> , 2010, 11, 169.	0.5	3
89	Stability of Porcine Reproductive and Respiratory Syndrome virus at Ambient Temperatures. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 257-260.	0.5	33
90	Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 1 ² Modulates Host Innate Immune Response by Antagonizing IRF3 Activation. <i>Journal of Virology</i> , 2010, 84, 1574-1584.	1.5	227
91	Porcine Reproductive and Respiratory Syndrome Virus Infection at the Time of Porcine Circovirus Type 2 Vaccination Has No Impact on Vaccine Efficacy. <i>Vaccine Journal</i> , 2010, 17, 1940-1945.	3.2	14

#	ARTICLE	IF	CITATIONS
92	Proteolytic Products of the Porcine Reproductive and Respiratory Syndrome Virus nsp2 Replicase Protein. <i>Journal of Virology</i> , 2010, 84, 10102-10112.	1.5	35
93	Efficacy of combined porcine reproductive and respiratory syndrome virus and <i>Mycoplasma hyopneumoniae</i> vaccination in piglets. <i>Veterinary Record</i> , 2010, 166, 70-74.	0.2	13
94	Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Signaling by Blocking STAT1/STAT2 Nuclear Translocation. <i>Journal of Virology</i> , 2010, 84, 11045-11055.	1.5	141
95	Porcine reproductive and respiratory syndrome virus entry into the porcine macrophage. <i>Journal of General Virology</i> , 2010, 91, 1659-1667.	1.3	177
96	The Cysteine Protease Domain of Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 2 Possesses Deubiquitinating and Interferon Antagonism Functions. <i>Journal of Virology</i> , 2010, 84, 7832-7846.	1.5	186
97	Immunodominant epitopes in nsp2 of porcine reproductive and respiratory syndrome virus are dispensable for replication, but play an important role in modulation of the host immune response. <i>Journal of General Virology</i> , 2010, 91, 1047-1057.	1.3	77
98	Interleukin-8, Interleukin-1 β , and Interferon- γ Levels Are Linked to PRRS Virus Clearance. <i>Viral Immunology</i> , 2010, 23, 127-134.	0.6	72
99	Identification of the CD163 Protein Domains Involved in Infection of the Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2010, 84, 3101-3105.	1.5	120
100	The M/GP5 Glycoprotein Complex of Porcine Reproductive and Respiratory Syndrome Virus Binds the Sialoadhesin Receptor in a Sialic Acid-Dependent Manner. <i>PLoS Pathogens</i> , 2010, 6, e1000730.	2.1	129
101	The role of porcine reproductive and respiratory syndrome (PRRS) virus structural and non-structural proteins in virus pathogenesis. <i>Animal Health Research Reviews</i> , 2010, 11, 135-163.	1.4	132
102	Proteome changes of lungs artificially infected with H-PRRSV and N-PRRSV by two-dimensional fluorescence difference gel electrophoresis. <i>Virology Journal</i> , 2010, 7, 107.	1.4	18
103	Profiling of cellular proteins in porcine reproductive and respiratory syndrome virus virions by proteomics analysis. <i>Virology Journal</i> , 2010, 7, 242.	1.4	34
104	Differential cellular protein expression in continuous porcine alveolar macrophages regulated by the porcine reproductive and respiratory syndrome virus nucleocapsid protein. <i>Virus Research</i> , 2010, 151, 88-96.	1.1	7
105	Porcine reproductive and respiratory syndrome virus replication is suppressed by inhibition of the extracellular signal-regulated kinase (ERK) signaling pathway. <i>Virus Research</i> , 2010, 152, 50-58.	1.1	44
106	Porcine reproductive and respiratory syndrome in China. <i>Virus Research</i> , 2010, 154, 31-37.	1.1	249
107	Certainties, doubts and hypotheses in porcine reproductive and respiratory syndrome virus immunobiology. <i>Virus Research</i> , 2010, 154, 123-132.	1.1	115
108	Novel strategies and approaches to develop the next generation of vaccines against porcine reproductive and respiratory syndrome virus (PRRSV). <i>Virus Research</i> , 2010, 154, 141-149.	1.1	86
109	Use of a production region model to assess the efficacy of various air filtration systems for preventing airborne transmission of porcine reproductive and respiratory syndrome virus and <i>Mycoplasma hyopneumoniae</i> : Results from a 2-year study. <i>Virus Research</i> , 2010, 154, 177-184.	1.1	69

#	ARTICLE	IF	CITATIONS
110	In vivo growth of porcine reproductive and respiratory syndrome virus engineered nsp2 deletion mutants. <i>Virus Research</i> , 2010, 154, 77-85.	1.1	43
111	Genetic control of host resistance to porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>Virus Research</i> , 2010, 154, 161-169.	1.1	61
112	Control and elimination of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2010, 154, 185-192.	1.1	174
113	GP4-specific neutralizing antibodies might be a driving force in PRRSV evolution. <i>Virus Research</i> , 2010, 154, 104-113.	1.1	53
114	Porcine reproductive and respiratory syndrome virus: An update on an emerging and re-emerging viral disease of swine. <i>Virus Research</i> , 2010, 154, 1-6.	1.1	226
115	Risk assessment of porcine reproductive and respiratory syndrome virus (PRRSV) transmission via somatic cell nuclear transfer (SCNT) embryo production using oocytes from commercial abattoirs. <i>Animal Reproduction Science</i> , 2011, 125, 148-157.	0.5	9
116	Porcine reproductive and respiratory syndrome virus (PRRSV) causes apoptosis during its replication in fetal implantation sites. <i>Microbial Pathogenesis</i> , 2011, 51, 194-202.	1.3	98
117	Intranasal delivery of whole cell lysate of <i>Mycobacterium tuberculosis</i> induces protective immune responses to a modified live porcine reproductive and respiratory syndrome virus vaccine in pigs. <i>Vaccine</i> , 2011, 29, 4067-4076.	1.7	27
118	Cross-protective immunity to porcine reproductive and respiratory syndrome virus by intranasal delivery of a live virus vaccine with a potent adjuvant. <i>Vaccine</i> , 2011, 29, 4058-4066.	1.7	59
119	Characterization of antigenic regions in the porcine reproductive and respiratory syndrome virus by the use of peptide-specific serum antibodies. <i>Vaccine</i> , 2011, 29, 4794-4804.	1.7	95
120	Porcine reproductive and respiratory syndrome virus (PRRSV)-specific mAbs: supporting diagnostics and providing new insights into the antigenic properties of the virus. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 246-257.	0.5	39
121	Recombination analyses between two strains of porcine reproductive and respiratory syndrome virus in vivo. <i>Virus Research</i> , 2011, 155, 473-486.	1.1	57
122	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. <i>Virus Research</i> , 2011, 160, 264-273.	1.1	50
123	Inhibitory Effects of Indigowoad Root Polysaccharides on Porcine Reproductive and Respiratory Syndrome Virus Replication <i>In Vitro</i> . <i>Antiviral Therapy</i> , 2011, 16, 357-363.	0.6	32
124	Comparative genomic analysis of five pairs of virulent parental/attenuated vaccine strains of PRRSV. <i>Veterinary Microbiology</i> , 2011, 149, 104-112.	0.8	40
125	Detection of PRRSV circulation in herds without clinical signs of PRRS: Comparison of five age groups to assess the preferred age group and sample size. <i>Veterinary Microbiology</i> , 2011, 150, 180-184.	0.8	21
126	An evaluation of ultraviolet light (UV254) as a means to inactivate porcine reproductive and respiratory syndrome virus on common farm surfaces and materials. <i>Veterinary Microbiology</i> , 2011, 150, 96-99.	0.8	13
127	The epidemic status and genetic diversity of 14 highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV) isolates from China in 2009. <i>Veterinary Microbiology</i> , 2011, 150, 257-269.	0.8	59

#	ARTICLE	IF	CITATIONS
128	Inhibition of highly pathogenic PRRSV replication in MARC-145 cells by artificial microRNAs. <i>Virology Journal</i> , 2011, 8, 491.	1.4	28
129	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
130	Activation of NF- κ B by nucleocapsid protein of the porcine reproductive and respiratory syndrome virus. <i>Virus Genes</i> , 2011, 42, 76-81.	0.7	35
131	Porcine reproductive and respiratory syndrome virus nucleocapsid protein modulates interferon- β production by inhibiting IRF3 activation in immortalized porcine alveolar macrophages. <i>Archives of Virology</i> , 2011, 156, 2187-2195.	0.9	88
132	Host inhibits replication of European porcine reproductive and respiratory syndrome virus in macrophages by altering differential regulation of type-I interferon transcriptional response. <i>Immunogenetics</i> , 2011, 63, 437-448.	1.2	27
133	The assessment of efficacy of porcine reproductive respiratory syndrome virus inactivated vaccine based on the viral quantity and inactivation methods. <i>Virology Journal</i> , 2011, 8, 323.	1.4	42
134	Using SNP array data to test for host genetic and breed effects on Porcine Reproductive and Respiratory Syndrome Viremia. <i>BMC Proceedings</i> , 2011, 5, S28.	1.8	3
135	Probing genetic control of swine responses to PRRSV infection: current progress of the PRRS host genetics consortium. <i>BMC Proceedings</i> , 2011, 5, S30.	1.8	55
136	Porcine type I interferons: polymorphic sequences and activity against PRRSV. <i>BMC Proceedings</i> , 2011, 5, S8.	1.8	10
137	Assessment of <i>Stomoxys calcitrans</i> (Diptera: Muscidae) as a Vector of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Medical Entomology</i> , 2011, 48, 876-883.	0.9	6
138	Novel structural protein in porcine reproductive and respiratory syndrome virus encoded by an alternative ORF5 present in all arteriviruses. <i>Journal of General Virology</i> , 2011, 92, 1107-1116.	1.3	339
139	Polymicrobial respiratory disease in pigs. <i>Animal Health Research Reviews</i> , 2011, 12, 133-148.	1.4	320
140	Transmission of swine pathogens: different means, different needs. <i>Animal Health Research Reviews</i> , 2011, 12, 1-13.	1.4	30
141	Utility of a Panviral Microarray for Detection of Swine Respiratory Viruses in Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1542-1548.	1.8	21
142	Linked outbreaks and control of porcine reproductive and respiratory syndrome and postweaning multisystemic wasting syndrome in a pig farm in Poland. <i>Veterinary Record</i> , 2011, 169, 441-441.	0.2	3
143	Replication-Competent Recombinant Porcine Reproductive and Respiratory Syndrome (PRRS) Viruses Expressing Indicator Proteins and Antiviral Cytokines. <i>Viruses</i> , 2012, 4, 102-116.	1.5	25
144	Evaluation of the Long-Term Effect of Air Filtration on the Occurrence of New PRRSV Infections in Large Breeding Herds in Swine-Dense Regions. <i>Viruses</i> , 2012, 4, 654-662.	1.5	23
145	Post-Transcriptional Control of Type I Interferon Induction by Porcine Reproductive and Respiratory Syndrome Virus in Its Natural Host Cells. <i>Viruses</i> , 2012, 4, 725-733.	1.5	11

#	ARTICLE	IF	CITATIONS
146	Control or eradication? Costs and benefits in the case of PRRSV. <i>Veterinary Record</i> , 2012, 170, 223-224.	0.2	4
147	Evaluation of Flinders Technology Associates cards for collection and transport of samples for detection of Porcine reproductive and respiratory syndrome virus by reverse transcription polymerase chain reaction. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 328-332.	0.5	24
148	Complete Genome Sequence of Porcine Reproductive and Respiratory Syndrome Virus Strain QY2010 Reveals a Novel Subgroup Emerging in China. <i>Journal of Virology</i> , 2012, 86, 7719-7720.	1.5	14
149	Complete Genome Sequence of a Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Variant. <i>Journal of Virology</i> , 2012, 86, 8906-8906.	1.5	9
150	Arterivirus and Nairovirus Ovarian Tumor Domain-Containing Deubiquitinases Target Activated RIG-I To Control Innate Immune Signaling. <i>Journal of Virology</i> , 2012, 86, 773-785.	1.5	108
151	Arterivirus Minor Envelope Proteins Are a Major Determinant of Viral Tropism in Cell Culture. <i>Journal of Virology</i> , 2012, 86, 3701-3712.	1.5	78
152	Complete Genome Sequence of Porcine Reproductive and Respiratory Syndrome Virus Strain ZCYZ Isolated from Hybrid Wild Boars. <i>Journal of Virology</i> , 2012, 86, 13882-13882.	1.5	2
153	Economic analysis of outbreaks of porcine reproductive and respiratory syndrome virus in nine sow herds. <i>Veterinary Record</i> , 2012, 170, 225-225.	0.2	149
154	Complete Genome Sequence of a Novel Variant Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Strain: Evidence for Recombination between Vaccine and Wild-Type PRRSV Strains. <i>Journal of Virology</i> , 2012, 86, 9543-9543.	1.5	63
155	Complete Genome Sequence of a Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus NM1 Strain from Northern China. <i>Journal of Virology</i> , 2012, 86, 13863-13864.	1.5	4
156	Complete Genome Sequence of Two Novel Chinese Virulent Porcine Reproductive and Respiratory Syndrome Virus Variants. <i>Journal of Virology</i> , 2012, 86, 6373-6374.	1.5	15
157	Complete Genome Sequence of Porcine Reproductive and Respiratory Syndrome Virus Isolated from Piglet Stool Samples. <i>Journal of Virology</i> , 2012, 86, 4040-4041.	1.5	5
158	Use of reverse genetics to develop a novel marker porcine reproductive and respiratory syndrome virus. <i>Virus Genes</i> , 2012, 45, 548-555.	0.7	3
159	Load reduction in live PRRS vaccines using oil and polymer adjuvants. <i>Procedia in Vaccinology</i> , 2012, 6, 134-140.	0.4	6
160	Antibody repertoire development in fetal and neonatal piglets. XV. Porcine circovirus type 2 infection differentially affects serum IgG levels and antibodies to ORF2 in piglets free from other environmental factors. <i>Vaccine</i> , 2012, 31, 141-148.	1.7	9
161	Immunohistochemical expression of IL-12, IL-10, IFN- γ and IFN- β in lymphoid organs of porcine reproductive and respiratory syndrome virus-infected pigs. <i>Veterinary Immunology and Immunopathology</i> , 2012, 149, 262-271.	0.5	24
162	Cytokine production in immortalized porcine alveolar macrophages infected with porcine reproductive and respiratory syndrome virus. <i>Veterinary Immunology and Immunopathology</i> , 2012, 150, 213-220.	0.5	21
163	Effect of temperature and relative humidity on ultraviolet (UV254) inactivation of airborne porcine respiratory and reproductive syndrome virus. <i>Veterinary Microbiology</i> , 2012, 159, 47-52.	0.8	24

#	ARTICLE	IF	CITATIONS
164	Porcine reproductive and respiratory syndrome virus activates the transcription of interferon alpha/beta (IFN- α / β) in monocyte-derived dendritic cells (Mo-DC). <i>Veterinary Microbiology</i> , 2012, 159, 494-498.	0.8	28
165	Infectivity of PRRS virus in pig manure at different temperatures. <i>Veterinary Microbiology</i> , 2012, 160, 23-28.	0.8	15
166	Highly pathogenic porcine reproductive and respiratory syndrome virus GP5 B antigenic region is not a neutralizing antigenic region. <i>Veterinary Microbiology</i> , 2012, 159, 273-281.	0.8	25
167	DNA shuffling of the GP3 genes of porcine reproductive and respiratory syndrome virus (PRRSV) produces a chimeric virus with an improved cross-neutralizing ability against a heterologous PRRSV strain. <i>Virology</i> , 2012, 434, 96-109.	1.1	45
168	USP18 restricts PRRSV growth through alteration of nuclear translocation of NF- κ B p65 and p50 in MARC-145 cells. <i>Virus Research</i> , 2012, 169, 264-267.	1.1	22
169	Interaction of cellular poly(C)-binding protein 2 with nonstructural protein 1 β is beneficial to Chinese highly pathogenic porcine reproductive and respiratory syndrome virus replication. <i>Virus Research</i> , 2012, 169, 222-230.	1.1	17
170	Proteomic characterization of a novel structural protein ORF5a of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2012, 169, 255-263.	1.1	15
171	Identifying questions in the American Association of Swine Veterinarian's PRRS risk assessment survey that are important for retrospectively classifying swine herds according to whether they reported clinical PRRS outbreaks in the previous 3 years. <i>Preventive Veterinary Medicine</i> , 2012, 106, 42-52.	0.7	17
172	Impact of a killed PRRSV vaccine on sow longevity in a PRRSV infected swine herd. <i>Journal of Applied Animal Research</i> , 2012, 40, 297-304.	0.4	5
173	Immunogenicity study of plant-made oral subunit vaccine against porcine reproductive and respiratory syndrome virus (PRRSV). <i>Vaccine</i> , 2012, 30, 2068-2074.	1.7	29
174	Antibody repertoire development in fetal and neonatal piglets. XXIII: Fetal piglets infected with a vaccine strain of PRRS Virus display the same immune dysregulation seen in isolator piglets. <i>Vaccine</i> , 2012, 30, 3646-3652.	1.7	11
175	Induction of type I interferons by a novel porcine reproductive and respiratory syndrome virus isolate. <i>Virology</i> , 2012, 432, 261-270.	1.1	60
176	Genetic and phenotypic characterization of a 2006 United States porcine reproductive and respiratory virus isolate associated with high morbidity and mortality in the field. <i>Virus Research</i> , 2012, 163, 98-107.	1.1	17
177	Induction of autophagy enhances porcine reproductive and respiratory syndrome virus replication. <i>Virus Research</i> , 2012, 163, 650-655.	1.1	44
178	Evaluation of a DNA vaccine candidate co-expressing GP3 and GP5 of porcine reproductive and respiratory syndrome virus (PRRSV) with interferon λ 3 in immediate and long-lasting protection against HP-PRRSV challenge. <i>Virus Genes</i> , 2012, 45, 474-487.	0.7	17
179	Identification of porcine reproductive and respiratory syndrome virus ORF1a-encoded non-structural proteins in virus-infected cells. <i>Journal of General Virology</i> , 2012, 93, 829-839.	1.3	74
180	Identification of serum proteomic biomarkers for early porcine reproductive and respiratory syndrome (PRRS) infection. <i>Proteome Science</i> , 2012, 10, 48.	0.7	12
181	Identification of a new cell line permissive to porcine reproductive and respiratory syndrome virus infection and replication which is phenotypically distinct from MARC-145 cell line. <i>Virology Journal</i> , 2012, 9, 267.	1.4	36

#	ARTICLE	IF	CITATIONS
182	Comparison of the efficacy of autogenous inactivated Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) vaccines with that of commercial vaccines against homologous and heterologous challenges. <i>BMC Veterinary Research</i> , 2012, 8, 182.	0.7	66
183	Analysis of the swine tracheobronchial lymph node transcriptomic response to infection with a Chinese highly pathogenic strain of porcine reproductive and respiratory syndrome virus. <i>BMC Veterinary Research</i> , 2012, 8, 208.	0.7	30
184	Correlation among genetic, Euclidean, temporal, and herd ownership distances of porcine reproductive and respiratory syndrome virus strains in Quebec, Canada. <i>BMC Veterinary Research</i> , 2012, 8, 76.	0.7	14
185	Porcine reproductive and respiratory syndrome virus induces autophagy to promote virus replication. <i>Autophagy</i> , 2012, 8, 1434-1447.	4.3	104
186	Expression and purification of a chimeric protein consisting of the ectodomains of M and GP5 proteins of porcine reproductive and respiratory syndrome virus (PRRSV). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 43-48.	1.2	5
187	Alphavirus replicon vaccines. <i>Animal Health Research Reviews</i> , 2012, 13, 1-9.	1.4	58
188	Potential role of noncommercial swine populations in the epidemiology and control of porcine reproductive and respiratory syndrome virus. <i>Journal of the American Veterinary Medical Association</i> , 2012, 240, 876-882.	0.2	8
189	Localization, Expression Change in PRRSV Infection and Association Analysis of the Porcine <i>TAP1</i> Gene. <i>International Journal of Biological Sciences</i> , 2012, 8, 49-58.	2.6	14
190	Evidence for a major QTL associated with host response to Porcine Reproductive and Respiratory Syndrome Virus challenge ¹ . <i>Journal of Animal Science</i> , 2012, 90, 1733-1746.	0.2	145
191	14_Artificial Insemination and Its Role in Transmission of Swine Viruses. , 2012, , .		0
192	Porcine reproductive and respiratory syndrome virus vaccines: Immunogenicity, efficacy and safety aspects. <i>World Journal of Virology</i> , 2012, 1, 23.	1.3	141
193	Mannan oligosaccharide increases serum concentrations of antibodies and inflammatory mediators in weaning pigs experimentally infected with porcine reproductive and respiratory syndrome virus ^{1,2} . <i>Journal of Animal Science</i> , 2012, 90, 2784-2793.	0.2	30
194	PORCINE RESPIRATORY AND REPRODUCTIVE SYNDROME VIRUS VACCINOLOGY: A REVIEW FOR COMMERCIAL VACCINES. <i>American Journal of Animal and Veterinary Sciences</i> , 2012, 7, 149-158.	0.2	8
195	Molecular epidemiological investigation of porcine reproductive and respiratory syndrome virus in Northwest China from 2007 to 2010. <i>Virus Genes</i> , 2012, 45, 90-97.	0.7	8
196	Regulation of cell signaling and porcine reproductive and respiratory syndrome virus. <i>Cellular Signalling</i> , 2012, 24, 973-980.	1.7	10
197	Differential Expression of Proinflammatory Cytokines in the Lymphoid Organs of Porcine Reproductive and Respiratory Syndrome Virus-Infected Pigs. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 145-153.	1.3	16
198	Emerging and Re-emerging Swine Viruses. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 85-102.	1.3	89
199	Naturally Co-Infected Boars with both Porcine Reproductive and Respiratory Syndrome Virus and Porcine Circovirus Type 2. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 532-538.	1.3	7

#	ARTICLE	IF	CITATIONS
200	Human telomerase reverse transcriptase-immortalized porcine monomyeloid cell lines for the production of porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2012, 179, 26-32.	1.0	22
201	A novel double recognition enzyme-linked immunosorbent assay based on the nucleocapsid protein for early detection of European porcine reproductive and respiratory syndrome virus infection. <i>Journal of Virological Methods</i> , 2012, 181, 109-113.	1.0	19
202	Survey of pleuritis and pulmonary lesions in pigs at abattoir with a focus on the extent of the condition and herd risk factors. <i>Veterinary Journal</i> , 2012, 193, 234-239.	0.6	105
203	Epidemiological investigations in regard to porcine reproductive and respiratory syndrome (PRRS) in Quebec, Canada. Part 2: Prevalence and risk factors in breeding sites. <i>Preventive Veterinary Medicine</i> , 2012, 104, 84-93.	0.7	34
204	Epidemiological investigations in regard to porcine reproductive and respiratory syndrome (PRRS) in Quebec, Canada. Part 1: Biosecurity practices and their geographical distribution in two areas of different swine density. <i>Preventive Veterinary Medicine</i> , 2012, 104, 74-83.	0.7	31
205	Identification of B-cell epitopes in the NSP1 protein of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2012, 155, 220-229.	0.8	10
206	An evaluation of interventions for reducing the risk of PRRSV introduction to filtered farms via retrograde air movement through idle fans. <i>Veterinary Microbiology</i> , 2012, 157, 304-310.	0.8	7
207	Stress-activated protein kinases are involved in porcine reproductive and respiratory syndrome virus infection and modulate virus-induced cytokine production. <i>Virology</i> , 2012, 427, 80-89.	1.1	24
208	Autophagy sustains the replication of porcine reproductive and respiratory virus in host cells. <i>Virology</i> , 2012, 429, 136-147.	1.1	49
209	Porcine reproductive and respiratory syndrome virus induces CD4+CD8+CD25+Foxp3+ regulatory T cells (Tregs). <i>Virology</i> , 2012, 430, 73-80.	1.1	70
210	Identifying putative candidate genes and pathways involved in immune responses to porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>Animal Genetics</i> , 2012, 43, 328-332.	0.6	32
211	Inhibition of porcine reproductive and respiratory syndrome virus replication by RNA interference in MARC-145 cells. <i>Molecular Biology Reports</i> , 2012, 39, 2515-2522.	1.0	12
212	Expression of the nucleocapsid protein of Porcine Reproductive and Respiratory Syndrome Virus in soybean seed yields an immunogenic antigenic protein. <i>Planta</i> , 2012, 235, 513-522.	1.6	19
213	Downregulation of Antigen-Presenting Cells in Tonsil and Lymph Nodes of Porcine Reproductive and Respiratory Syndrome Virus-Infected Pigs. <i>Transboundary and Emerging Diseases</i> , 2013, 60, 425-437.	1.3	13
214	Isolation and Sequence Analysis of Highly Pathogenic Porcine reproductive and respiratory syndrome virus from Swine Herds in the Jilin Province of China. <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2013, 24, 90-92.	0.7	2
215	Immunogenicity of a lettuce-derived vaccine candidate expressing the E2 protein against classical swine fever virus. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 113, 483-490.	1.2	6
216	Impact of genetic variation and geographic distribution of porcine reproductive and respiratory syndrome virus on infectivity and pig growth. <i>BMC Veterinary Research</i> , 2013, 9, 58.	0.7	7
217	Expression and Antibody Preparation of GP5a Gene of Porcine Reproductive and Respiratory Syndrome Virus. <i>Indian Journal of Microbiology</i> , 2013, 53, 370-375.	1.5	8

#	ARTICLE	IF	CITATIONS
218	Significance of genetic variation of PRRSV ORF5 in virus neutralization and molecular determinants corresponding to cross neutralization among PRRS viruses. <i>Veterinary Microbiology</i> , 2013, 162, 10-22.	0.8	48
219	Genetic diversity and evolutionary characterization of Chinese porcine reproductive and respiratory syndrome viruses based on NSP2 and ORF5. <i>Archives of Virology</i> , 2013, 158, 1811-1816.	0.9	25
220	Control of the PI3K/Akt pathway by porcine reproductive and respiratory syndrome virus. <i>Archives of Virology</i> , 2013, 158, 1227-1234.	0.9	27
221	Immune responses in mice vaccinated with virus-like particles composed of the GP5 and M proteins of porcine reproductive and respiratory syndrome virus. <i>Archives of Virology</i> , 2013, 158, 1275-1285.	0.9	21
222	Epidemiological study of air filtration systems for preventing PRRSV infection in large sow herds. <i>Preventive Veterinary Medicine</i> , 2013, 112, 109-117.	0.7	51
223	Development of a differentiable virus via a spontaneous deletion in the nsp2 region associated with cell adaptation of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2013, 171, 150-160.	1.1	17
224	Overview: Replication of porcine reproductive and respiratory syndrome virus. <i>Journal of Microbiology</i> , 2013, 51, 711-723.	1.3	49
225	A one-step RT-PCR assay to detect and discriminate porcine reproductive and respiratory syndrome viruses in clinical specimens. <i>Gene</i> , 2013, 531, 199-204.	1.0	12
226	Antibody response and maternal immunity upon boosting PRRSV-immune sows with experimental farm-specific and commercial PRRSV vaccines. <i>Veterinary Microbiology</i> , 2013, 167, 260-271.	0.8	28
227	Pathogenesis and prevention of placental and transplacental porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Research</i> , 2013, 44, 95.	1.1	94
228	Construction of disease risk scoring systems using logistic group lasso: application to porcine reproductive and respiratory syndrome survey data. <i>Journal of Applied Statistics</i> , 2013, 40, 736-746.	0.6	9
229	Efficient inhibition of porcine reproductive and respiratory syndrome virus replication by artificial microRNAs targeting the untranslated regions. <i>Archives of Virology</i> , 2013, 158, 55-61.	0.9	15
230	Molecular epidemiology of PRRSV from China's Guangxi Province between 2007 and 2009. <i>Virus Genes</i> , 2013, 46, 71-80.	0.7	7
231	Immune response to ORF5a protein immunization is not protective against porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Microbiology</i> , 2013, 164, 281-285.	0.8	17
232	Porcine reproductive and respiratory syndrome virus: Genetic diversity of recent British isolates. <i>Veterinary Microbiology</i> , 2013, 162, 507-518.	0.8	36
233	Comparative analysis of immune responses following experimental infection of pigs with European porcine reproductive and respiratory syndrome virus strains of differing virulence. <i>Veterinary Microbiology</i> , 2013, 163, 1-12.	0.8	69
234	Positive Inductive Effect of Swine Interleukin-4 on Immune Responses Elicited by Modified Live Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Vaccine. <i>Viral Immunology</i> , 2013, 26, 404-414.	0.6	9
235	Inhibition of porcine reproductive and respiratory syndrome virus replication by flavaspidic acid AB. <i>Antiviral Research</i> , 2013, 97, 66-73.	1.9	55

#	ARTICLE	IF	CITATIONS
236	Bayesian analysis of risk factors for infection with a genotype of porcine reproductive and respiratory syndrome virus in Ontario swine herds using monitoring data. <i>Preventive Veterinary Medicine</i> , 2013, 110, 405-417.	0.7	19
237	The Virosome as a Novel Concept for High Pathogenic Porcine Reproductive and Respiratory Syndrome Virus (HP-PRRSV) Vaccines. <i>Journal of Integrative Agriculture</i> , 2013, 12, 1215-1224.	1.7	1
238	Plasmids expressing porcine interferon gamma up-regulate pro-inflammatory cytokine and co-stimulatory molecule expression which are suppressed by porcine reproductive and respiratory syndrome virus. <i>Veterinary Immunology and Immunopathology</i> , 2013, 153, 107-117.	0.5	10
239	Comparison of the virulence of European and North American genotypes of porcine reproductive and respiratory syndrome virus in experimentally infected pigs. <i>Veterinary Journal</i> , 2013, 195, 313-318.	0.6	65
240	Evaluation of viral peptide targeting to porcine sialoadhesin using a porcine reproductive and respiratory syndrome virus vaccination-challenge model. <i>Virus Research</i> , 2013, 177, 147-155.	1.1	9
241	Variable interference with interferon signal transduction by different strains of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2013, 166, 493-503.	0.8	27
242	Generation and characterization of a porcine endometrial endothelial cell line susceptible to porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2013, 171, 209-215.	1.1	21
243	A possible strategy to produce pigs resistant to porcine reproductive and respiratory syndrome virus. <i>Antiviral Research</i> , 2013, 99, 158-164.	1.9	4
244	PK-15 cells transfected with porcine CD163 by PiggyBac transposon system are susceptible to porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2013, 193, 383-390.	1.0	42
245	Financial implications of installing air filtration systems to prevent PRRSV infection in large sow herds. <i>Preventive Veterinary Medicine</i> , 2013, 111, 268-277.	0.7	24
246	Porcine reproductive and respiratory syndrome virus ORF5a protein is essential for virus viability. <i>Virus Research</i> , 2013, 171, 178-185.	1.1	31
247	Antibody responses induced in mice immunized with recombinant adenovectors expressing chimeric proteins of various porcine pathogens. <i>Vaccine</i> , 2013, 31, 2698-2704.	1.7	12
248	Ribavirin efficiently suppresses porcine nidovirus replication. <i>Virus Research</i> , 2013, 171, 44-53.	1.1	42
249	Enhanced immunogenicity induced by an alphavirus replicon-based pseudotyped baculovirus vaccine against porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2013, 187, 251-258.	1.0	14
250	Different expression patterns of PRRSV mediator genes in the lung tissues of PRRSV resistant and susceptible pigs. <i>Developmental and Comparative Immunology</i> , 2013, 39, 127-131.	1.0	18
251	Dietary plant extracts improve immune responses and growth efficiency of pigs experimentally infected with porcine reproductive and respiratory syndrome virus1. <i>Journal of Animal Science</i> , 2013, 91, 5668-5679.	0.2	57
252	Porcine reproductive and respiratory syndrome virus infection activates IL-10 production through NF- κ B and p38 MAPK pathways in porcine alveolar macrophages. <i>Developmental and Comparative Immunology</i> , 2013, 39, 265-272.	1.0	77
253	Complete Genome Sequence of a Novel Natural Recombinant Porcine Reproductive and Respiratory Syndrome Virus Isolated from a Pig Farm in Yunnan Province, Southwest China. <i>Genome Announcements</i> , 2013, 1, .	0.8	3

#	ARTICLE	IF	CITATIONS
254	Complete Genome Sequence of a European Genotype Porcine Reproductive and Respiratory Syndrome Virus in China. <i>Genome Announcements</i> , 2013, 1, .	0.8	9
255	Blood antioxidant enzymes (SOD, GPX), biochemical and haematological parameters in pigs naturally infected with porcine reproductive and respiratory syndrome virus. <i>Polish Journal of Veterinary Sciences</i> , 2013, 16, 369-376.	0.2	25
256	Predicted Peptides from Non-Structural Proteins of Porcine Reproductive and Respiratory Syndrome Virus Are Able to Induce IFN- β and IL-10. <i>Viruses</i> , 2013, 5, 663-677.	1.5	38
257	Genomic Sequencing Reveals Mutations Potentially Related to the Overattenuation of a Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. <i>Vaccine Journal</i> , 2013, 20, 613-619.	3.2	22
258	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
259	Porcine Reproductive and Respiratory Syndrome Virus Nsp1 β Inhibits Interferon-Activated JAK/STAT Signal Transduction by Inducing Karyopherin- β 1 Degradation. <i>Journal of Virology</i> , 2013, 87, 5219-5228.	1.5	98
260	Deubiquitinase function of arterivirus papain-like protease 2 suppresses the innate immune response in infected host cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E838-47.	3.3	108
261	Highly Divergent Strains of Porcine Reproductive and Respiratory Syndrome Virus Incorporate Multiple Isoforms of Nonstructural Protein 2 into Virions. <i>Journal of Virology</i> , 2013, 87, 13456-13465.	1.5	57
262	A novel porcine reproductive and respiratory syndrome virus vector system that stably expresses enhanced green fluorescent protein as a separate transcription unit. <i>Veterinary Research</i> , 2013, 44, 104.	1.1	60
263	Detection of porcine circovirus type 2 (PCV2) and porcine reproductive and respiratory syndrome virus (PRRSV) antibodies in meat juice samples from Polish wild boar (<i>Sus scrofa</i> L.). <i>Acta Veterinaria Hungarica</i> , 2013, 61, 529-536.	0.2	13
264	Broadening the Heterologous Cross-Neutralizing Antibody Inducing Ability of Porcine Reproductive and Respiratory Syndrome Virus by Breeding the GP4 or M genes. <i>PLoS ONE</i> , 2013, 8, e66645.	1.1	24
265	Impairment of the Antibody-Dependent Phagocytic Function of PMNs through Regulation of the Fc γ Rs Expression after Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>PLoS ONE</i> , 2013, 8, e66965.	1.1	4
266	A Novel Compound from the Mushroom <i>Cryptoporus volvatus</i> Inhibits Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) In Vitro. <i>PLoS ONE</i> , 2013, 8, e79333.	1.1	9
267	Quantitative Analysis of Porcine Reproductive and Respiratory Syndrome (PRRS) Viremia Profiles from Experimental Infection: A Statistical Modelling Approach. <i>PLoS ONE</i> , 2013, 8, e83567.	1.1	35
268	Genomic Evolution of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Isolates Revealed by Deep Sequencing. <i>PLoS ONE</i> , 2014, 9, e88807.	1.1	50
269	Identification of Differentially Expressed Proteins in Porcine Alveolar Macrophages Infected with Virulent/Attenuated Strains of Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2014, 9, e85767.	1.1	18
270	RNA-Sequence Analysis of Primary Alveolar Macrophages after In Vitro Infection with Porcine Reproductive and Respiratory Syndrome Virus Strains of Differing Virulence. <i>PLoS ONE</i> , 2014, 9, e91918.	1.1	37
271	Interactome Profile of the Host Cellular Proteins and the Nonstructural Protein 2 of Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2014, 9, e99176.	1.1	16

#	ARTICLE	IF	CITATIONS
272	Unique Epitopes Recognized by Monoclonal Antibodies against HP-PRRSV: Deep Understanding of Antigenic Structure and Virus-Antibody Interaction. <i>PLoS ONE</i> , 2014, 9, e111633.	1.1	16
273	In Vitro Evaluation of the Antiviral Activity of the Synthetic Epigallocatechin Gallate Analog-Epigallocatechin Gallate (EGCG) Palmitate against Porcine Reproductive and Respiratory Syndrome Virus. <i>Viruses</i> , 2014, 6, 938-950.	1.5	30
274	Immune Control of PRRS: Lessons to be Learned and Possible Ways Forward. <i>Frontiers in Veterinary Science</i> , 2014, 1, 2.	0.9	16
275	Characterisation of novel linear antigen epitopes on North American-type porcine reproductive and respiratory syndrome virus M protein. <i>Archives of Virology</i> , 2014, 159, 3021-3028.	0.9	15
276	Inhibition of porcine reproductive and respiratory syndrome virus infection by recombinant adenovirus- and/or exosome-delivered the artificial microRNAs targeting sialoadhesin and CD163 receptors. <i>Virology Journal</i> , 2014, 11, 225.	1.4	25
277	Porcine reproductive and respiratory syndrome virus counteracts the porcine intrinsic virus restriction factors IFITM1 and Tetherin in MARC-145 cells. <i>Virus Research</i> , 2014, 191, 92-100.	1.1	32
278	Antagonizing Interferon-Mediated Immune Response by Porcine Reproductive and Respiratory Syndrome Virus. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	51
279	Porcine Reproductive and Respiratory Syndrome Virus Induces IL-1 β Production Depending on TLR4/MyD88 Pathway and NLRP3 Inflammasome in Primary Porcine Alveolar Macrophages. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.	1.4	64
280	A Novel Isolate with Deletion in GP3 Gene of Porcine Reproductive and Respiratory Syndrome Virus from Mid-Eastern China. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	13
281	Nsp9 and Nsp10 Contribute to the Fatal Virulence of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Emerging in China. <i>PLoS Pathogens</i> , 2014, 10, e1004216.	2.1	136
282	Differential Host Cell Gene Expression and Regulation of Cell Cycle Progression by Nonstructural Protein 11 of Porcine Reproductive and Respiratory Syndrome Virus. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	23
283	Complete Genome Sequence of European Genotype Porcine Reproductive and Respiratory Syndrome Virus Strain LNEU12 in Northern China. <i>Genome Announcements</i> , 2014, 2, .	0.8	7
284	Temporal evolution and potential recombination events in PRRSV strains of Sonora Mexico. <i>Veterinary Microbiology</i> , 2014, 174, 540-546.	0.8	5
285	GP5 expression in Marc-145 cells inhibits porcine reproductive and respiratory syndrome virus infection by inducing beta interferon activity. <i>Veterinary Microbiology</i> , 2014, 174, 409-418.	0.8	9
286	Beyond the whole genome consensus: Unravelling of PRRSV phylogenomics using next generation sequencing technologies. <i>Virus Research</i> , 2014, 194, 167-174.	1.1	10
287	Observation of high recombination occurrence of Porcine Reproductive and Respiratory Syndrome Virus in field condition. <i>Virus Research</i> , 2014, 194, 159-166.	1.1	19
288	The interaction of nonstructural protein 9 with retinoblastoma protein benefits the replication of genotype 2 porcine reproductive and respiratory syndrome virus in vitro. <i>Virology</i> , 2014, 464-465, 432-440.	1.1	31
289	Inhibition of HSP70 reduces porcine reproductive and respiratory syndrome virus replication in vitro. <i>BMC Microbiology</i> , 2014, 14, 64.	1.3	36

#	ARTICLE	IF	CITATIONS
290	Cecropin P1 inhibits porcine reproductive and respiratory syndrome virus by blocking attachment. <i>BMC Microbiology</i> , 2014, 14, 273.	1.3	25
291	The interplay between Siglecs and sialylated pathogens. <i>Glycobiology</i> , 2014, 24, 818-825.	1.3	114
292	Stochastic model of porcine reproductive and respiratory syndrome virus control strategies on a swine farm in the United States. <i>American Journal of Veterinary Research</i> , 2014, 75, 260-267.	0.3	20
293	Genetic Diversity Analysis of Genotype 2 Porcine Reproductive and Respiratory Syndrome Viruses Emerging in Recent Years in China. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	46
294	Attenuation and Immunogenicity of a Live High Pathogenic PRRSV Vaccine Candidate with a 32-Amino Acid Deletion in the nsp2 Protein. <i>Journal of Immunology Research</i> , 2014, 2014, 1-11.	0.9	9
295	Expression of Porcine Respiratory and Reproductive Syndrome Virus Membrane-Associated Proteins in <i>Listeria ivanovii</i> via a Genome Site-Specific Integration and Expression System. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2014, 24, 191-195.	1.0	11
296	Risk Assessment of the Introduction of Porcine Reproductive and Respiratory Syndrome Virus via Boar Semen into Switzerland as an Example of a PRRSV-Free Country. <i>Transboundary and Emerging Diseases</i> , 2014, 61, 546-554.	1.3	12
297	Organic barn dust extract exposure impairs porcine macrophage function in vitro: Implications for respiratory health. <i>Veterinary Immunology and Immunopathology</i> , 2014, 157, 20-30.	0.5	18
298	Functional characteristics of porcine peripheral T cells stimulated with IL-2 or IL-2 and PMA. <i>Research in Veterinary Science</i> , 2014, 96, 54-61.	0.9	8
299	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
300	Genomic analysis and pathogenic characteristics of Type 2 porcine reproductive and respiratory syndrome virus nsp2 deletion strains isolated in Korea. <i>Veterinary Microbiology</i> , 2014, 170, 232-245.	0.8	19
301	Characterization of two newly emerged isolates of porcine reproductive and respiratory syndrome virus from Northeast China in 2013. <i>Veterinary Microbiology</i> , 2014, 171, 41-52.	0.8	39
302	Efficacy of an attenuated European subtype 1 porcine reproductive and respiratory syndrome virus (PRRSV) vaccine in pigs upon challenge with the East European subtype 3 PRRSV strain Lena. <i>Vaccine</i> , 2014, 32, 2995-3003.	1.7	36
303	Regulation of toll-like receptors 3, 7 and 9 in porcine alveolar macrophages by different genotype 1 strains of porcine reproductive and respiratory syndrome virus. <i>Veterinary Immunology and Immunopathology</i> , 2014, 158, 189-198.	0.5	24
304	Porcine Reproductive and Respiratory Syndrome Virus Vaccines: Current Status and Strategies to a Universal Vaccine. <i>Transboundary and Emerging Diseases</i> , 2014, 61, 109-120.	1.3	59
305	In vivo targeting of porcine reproductive and respiratory syndrome virus antigen through porcine DC-SIGN to dendritic cells elicits antigen-specific CD4T cell immunity in pigs. <i>Vaccine</i> , 2014, 32, 6768-6775.	1.7	21
306	Use of the CRISPR/Cas9 System to Produce Genetically Engineered Pigs from In Vitro-Derived Oocytes and Embryos ¹ . <i>Biology of Reproduction</i> , 2014, 91, 78.	1.2	275
307	A Bayesian Phylogeographical Analysis of Type 1 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV). <i>Transboundary and Emerging Diseases</i> , 2014, 61, 537-545.	1.3	12

#	ARTICLE	IF	CITATIONS
308	Lung pathogenicity of European genotype 3 strain porcine reproductive and respiratory syndrome virus (PRRSV) differs from that of subtype 1 strains. <i>Veterinary Microbiology</i> , 2014, 174, 127-138.	0.8	46
309	Effects of dietary threonine and tryptophan supplementation on growing pigs induced by porcine respiratory and reproductive syndrome vaccination. <i>Archives of Animal Nutrition</i> , 2014, 68, 385-397.	0.9	2
310	Role of phosphatidylinositol-3-kinase (PI3K) and the mammalian target of rapamycin (mTOR) signalling pathways in porcine reproductive and respiratory syndrome virus (PRRSV) replication. <i>Virus Research</i> , 2014, 194, 138-144.	1.1	23
311	Chimeric influenza-virus-like particles containing the porcine reproductive and respiratory syndrome virus GP5 protein and the influenza virus HA and M1 proteins. <i>Archives of Virology</i> , 2014, 159, 3043-3051.	0.9	9
312	Creating Class I MHC-Null Pigs Using Guide RNA and the Cas9 Endonuclease. <i>Journal of Immunology</i> , 2014, 193, 5751-5757.	0.4	141
313	Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. <i>Virology</i> , 2014, 468-470, 1-9.	1.1	34
314	Reproductive, productivity, and mortality outcomes in late-gestation gilts and their litters following simulation of inadvertent exposure to a modified-live vaccine strain of porcine reproductive and respiratory syndrome (PRRS) virus. <i>Vaccine</i> , 2014, 32, 4639-4643.	1.7	6
315	Integrated miRNA and mRNA transcriptomes of porcine alveolar macrophages (PAM cells) identifies strain-specific miRNA molecular signatures associated with H-PRRSV and N-PRRSV infection. <i>Molecular Biology Reports</i> , 2014, 41, 5863-5875.	1.0	31
316	Label-Free Quantitative Phosphoproteomic Analysis Reveals Differentially Regulated Proteins and Pathway in PRRSV-Infected Pulmonary Alveolar Macrophages. <i>Journal of Proteome Research</i> , 2014, 13, 1270-1280.	1.8	41
317	Porcine reproductive and respiratory syndrome (PRRS): an immune dysregulatory pandemic. <i>Immunologic Research</i> , 2014, 59, 81-108.	1.3	110
318	A new porcine reproductive and respiratory syndrome virus strain with highly conserved molecular characteristics in its parental and attenuated strains. <i>Virus Genes</i> , 2014, 49, 259-268.	0.7	3
319	Development of a chimeric strain of porcine reproductive and respiratory syndrome virus with an infectious clone and a Korean dominant field strain. <i>Journal of Microbiology</i> , 2014, 52, 345-349.	1.3	16
320	Inhibition of HSP90 attenuates porcine reproductive and respiratory syndrome virus production in vitro. <i>Virology Journal</i> , 2014, 11, 17.	1.4	31
321	Spatial and temporal patterns of porcine reproductive and respiratory syndrome virus (PRRSV) genotypes in Ontario, Canada, 2004-2007. <i>BMC Veterinary Research</i> , 2014, 10, 83.	0.7	30
322	In vitro effect of deoxynivalenol (DON) mycotoxin on porcine reproductive and respiratory syndrome virus replication. <i>Food and Chemical Toxicology</i> , 2014, 65, 219-226.	1.8	18
323	Description of the pig production systems, biosecurity practices and herd health providers in two provinces with high swine density in the Philippines. <i>Preventive Veterinary Medicine</i> , 2014, 114, 73-87.	0.7	28
324	Up-regulation of pro-inflammatory factors by HP-PRRSV infection in microglia: Implications for HP-PRRSV neuropathogenesis. <i>Veterinary Microbiology</i> , 2014, 170, 48-57.	0.8	33
325	Genetic diversity and phylogenetic analysis of porcine reproductive and respiratory syndrome virus isolates in East China. <i>Infection, Genetics and Evolution</i> , 2014, 24, 193-201.	1.0	8

#	ARTICLE	IF	CITATIONS
326	Additive inhibition of porcine reproductive and respiratory syndrome virus infection with the soluble sialoadhesin and CD163 receptors. <i>Virus Research</i> , 2014, 179, 85-92.	1.1	24
327	Porcine reproductive and respiratory syndrome virus infection activates NOD2/RIP2 signal pathway in MARC-145 cells. <i>Virology</i> , 2014, 458-459, 162-171.	1.1	33
328	Evaluation of the efficacy of a new modified live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine (Fostera PRRS) against heterologous PRRSV challenge. <i>Veterinary Microbiology</i> , 2014, 172, 432-442.	0.8	85
329	The interaction between host Annexin A2 and viral Nsp9 is beneficial for replication of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2014, 189, 106-113.	1.1	35
330	Enhanced immune responses in pigs by DNA vaccine coexpressing GP3 and GP5 of European type porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2014, 206, 27-37.	1.0	11
331	Protective humoral immune response induced by an inactivated porcine reproductive and respiratory syndrome virus expressing the hypo-glycosylated glycoprotein 5. <i>Vaccine</i> , 2014, 32, 3617-3622.	1.7	19
332	Inhibitory activity and molecular mechanism of protegrin-1 against porcine reproductive and respiratory syndrome virus in vitro. <i>Antiviral Therapy</i> , 2014, 20, 573-582.	0.6	26
333	Survival of porcine reproductive and respiratory syndrome virus in fresh pork. <i>Acta Veterinaria Hungarica</i> , 2014, 62, 257-263.	0.2	2
334	<i>In vitro</i> Evaluation of Antiviral Activity of Tea Seed Saponins against Porcine Reproductive and Respiratory Syndrome Virus. <i>Antiviral Therapy</i> , 2015, 20, 743-752.	0.6	19
335	Intracellular expression of an anti-idiotypic antibody single-chain variable fragment reduces porcine reproductive and respiratory syndrome virus infection in MARC-145 cells. <i>Antiviral Therapy</i> , 2015, 21, 161-170.	0.6	3
336	Development of a network based model to simulate the between-farm transmission of the porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2015, 180, 212-222.	0.8	24
337	<i>Actinobacillus pleuropneumoniae</i> induces SJPL cell cycle arrest in G2/M-phase and inhibits porcine reproductive and respiratory syndrome virus replication. <i>Virology Journal</i> , 2015, 12, 188.	1.4	6
338	PRRSV-infected monocyte-derived dendritic cells express high levels of SLA-DR and CD80/86 but do not stimulate PRRSV-naïve regulatory T cells to proliferate. <i>Veterinary Research</i> , 2015, 46, 54.	1.1	25
339	Spatiotemporal trends in the discovery of new swine infectious agents. <i>Veterinary Research</i> , 2015, 46, 114.	1.1	14
340	Identification of a short interspersed repetitive element insertion polymorphism in the porcine <i>MX1</i> promoter associated with resistance to porcine reproductive and respiratory syndrome virus infection. <i>Animal Genetics</i> , 2015, 46, 437-440.	0.6	17
341	Comparative Analysis of Immune Responses in Pigs to High and Low Pathogenic Porcine Reproductive and Respiratory Syndrome Viruses Isolated in China. <i>Transboundary and Emerging Diseases</i> , 2015, 62, e1-e10.	1.3	20
342	Effects of porcine reproductive and respiratory syndrome virus on pig growth, diet utilization efficiency, and gas release from stored manure. <i>Journal of Animal Science</i> , 2015, 93, 4424-4435.	0.2	3
343	Effects of dietary soybean meal concentration on growth and immune response of pigs infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Animal Science</i> , 2015, 93, 2987-2997.	0.2	33

#	ARTICLE	IF	CITATIONS
344	The 15N and 46R Residues of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Nucleocapsid Protein Enhance Regulatory T Lymphocytes Proliferation. <i>PLoS ONE</i> , 2015, 10, e0138772.	1.1	18
345	Economic Analysis of Vaccination Strategies for PRRS Control. <i>PLoS ONE</i> , 2015, 10, e0144265.	1.1	28
346	Sero-Prevalence of Porcine Reproductive and Respiratory Syndrome (PRRS) in Pigs of Different Developmental Regions of Nepal. <i>International Journal of Applied Sciences and Biotechnology</i> , 2015, 3, 218-222.	0.4	5
348	Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. <i>Antiviral Research</i> , 2015, 120, 122-125.	1.9	71
349	Lessons learned and knowledge gaps about the epidemiology and control of porcine reproductive and respiratory syndrome virus in North America. <i>Journal of the American Veterinary Medical Association</i> , 2015, 246, 1304-1317.	0.2	50
350	Discovery of an essential nucleotidylating activity associated with a newly delineated conserved domain in the RNA polymerase-containing protein of all nidoviruses. <i>Nucleic Acids Research</i> , 2015, 43, 8416-8434.	6.5	197
351	Effect of Nonstructural Protein 2 Hypervariable Regions in the Replication of Porcine Reproductive and Respiratory Syndrome Virus in Marc-145 Cells. <i>Intervirology</i> , 2015, 58, 288-296.	1.2	2
352	Host-pathogen interactions during porcine reproductive and respiratory syndrome virus 1 infection of piglets. <i>Virus Research</i> , 2015, 202, 135-143.	1.1	34
353	Simulation of between-farm transmission of porcine reproductive and respiratory syndrome virus in Ontario, Canada using the North American Animal Disease Spread Model. <i>Preventive Veterinary Medicine</i> , 2015, 118, 413-426.	0.7	21
354	Temporal and spatial dynamics of porcine reproductive and respiratory syndrome virus infection in the United States. <i>American Journal of Veterinary Research</i> , 2015, 76, 70-76.	0.3	52
355	Re-emerging of porcine respiratory and reproductive syndrome virus (lineage 3) and increased pathogenicity after genomic recombination with vaccine variant. <i>Veterinary Microbiology</i> , 2015, 175, 332-340.	0.8	78
356	The involvement of FAK-PI3K-AKT-Rac1 pathway in porcine reproductive and respiratory syndrome virus entry. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 392-398.	1.0	24
357	LiCl inhibits PRRSV infection by enhancing Wnt/ β 2-catenin pathway and suppressing inflammatory responses. <i>Antiviral Research</i> , 2015, 117, 99-109.	1.9	46
358	Sasa quelpaertensis Nakai extract suppresses porcine reproductive and respiratory syndrome virus replication and modulates virus-induced cytokine production. <i>Archives of Virology</i> , 2015, 160, 1977-1988.	0.9	9
359	Honeybee (<i>Apis mellifera</i>) Venom Reinforces Viral Clearance during the Early Stage of Infection with Porcine Reproductive and Respiratory Syndrome Virus through the Up-Regulation of Th1-Specific Immune Responses. <i>Toxins</i> , 2015, 7, 1837-1853.	1.5	12
360	HP-PRRSV is attenuated by de-optimization of codon pair bias in its RNA-dependent RNA polymerase nsp9 gene. <i>Virology</i> , 2015, 485, 135-144.	1.1	30
361	Pathological Evaluation of Reproductive System of Porcine Reproductive and Respiratory Syndrome Virus-vaccinated and Nonvaccinated Anestrus Sows and Gilts. <i>Viral Immunology</i> , 2015, 28, 229-235.	0.6	6
362	Inhibition of porcine reproductive and respiratory syndrome virus by Cecropin D in vitro. <i>Infection, Genetics and Evolution</i> , 2015, 34, 7-16.	1.0	21

#	ARTICLE	IF	CITATIONS
363	Both Nsp1 ^{Δ2} and Nsp11 are responsible for differential TNF- α production induced by porcine reproductive and respiratory syndrome virus strains with different pathogenicity in vitro. <i>Virus Research</i> , 2015, 201, 32-40.	1.1	28
364	Characterization of three porcine reproductive and respiratory syndrome virus isolates from a single swine farm bearing strong homology to a vaccine strain. <i>Veterinary Microbiology</i> , 2015, 179, 242-249.	0.8	56
365	Plant-based porcine reproductive and respiratory syndrome virus VLPs induce an immune response in mice. <i>Research in Veterinary Science</i> , 2015, 102, 59-66.	0.9	13
366	Distribution of highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV) in different stages of gestation sows. <i>Veterinary Immunology and Immunopathology</i> , 2015, 166, 88-94.	0.5	13
367	PRRS virus receptors and their role for pathogenesis. <i>Veterinary Microbiology</i> , 2015, 177, 229-241.	0.8	100
368	Immune response of piglets on a PRRSV vaccination "Altered by different feed additives?". <i>Livestock Science</i> , 2015, 174, 96-104.	0.6	3
369	The amino acid residues at 102 and 104 in GP5 of porcine reproductive and respiratory syndrome virus regulate viral neutralization susceptibility to the porcine serum neutralizing antibody. <i>Virus Research</i> , 2015, 204, 21-30.	1.1	25
370	DRACO inhibits porcine reproductive and respiratory syndrome virus replication in vitro. <i>Archives of Virology</i> , 2015, 160, 1239-1247.	0.9	10
371	Porcine reproductive and respiratory syndrome virus (PRRSv) modified-live vaccine reduces virus transmission in experimental conditions. <i>Vaccine</i> , 2015, 33, 2493-2499.	1.7	53
372	The Endoribonuclease Activity Essential for the Nonstructural Protein 11 of Porcine Reproductive and Respiratory Syndrome Virus to Inhibit NLRP3 Inflammasome-Mediated IL-1 β Induction. <i>DNA and Cell Biology</i> , 2015, 34, 728-735.	0.9	27
373	Inhibition of porcine reproductive and respiratory syndrome virus replication with exosome-transferred artificial microRNA targeting the 3' untranslated region. <i>Journal of Virological Methods</i> , 2015, 223, 61-68.	1.0	10
374	Whole blood microarray analysis of pigs showing extreme phenotypes after a porcine reproductive and respiratory syndrome virus infection. <i>BMC Genomics</i> , 2015, 16, 516.	1.2	13
375	Persistence and Retention of Porcine Reproductive and Respiratory Syndrome Virus in Stable Flies (Diptera: Muscidae). <i>Journal of Medical Entomology</i> , 2015, 52, 1117-1123.	0.9	8
376	The nonstructural protein 11 of porcine reproductive and respiratory syndrome virus inhibits NF- κ B signaling by means of its deubiquitinating activity. <i>Molecular Immunology</i> , 2015, 68, 357-366.	1.0	35
377	Effect of amino acids residues 323-433 and 628-747 in Nsp2 of representative porcine reproductive and respiratory syndrome virus strains on inflammatory response in vitro. <i>Virus Research</i> , 2015, 208, 13-21.	1.1	14
378	Regulation and evasion of antiviral immune responses by porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2015, 202, 101-111.	1.1	77
379	Cysteine residues of the porcine reproductive and respiratory syndrome virus ORF5a protein are not essential for virus viability. <i>Virus Research</i> , 2015, 197, 17-25.	1.1	5
380	Fresh Pork and Porcine Reproductive and Respiratory Syndrome Virus: Factors Related to the Risk of Disease Transmission. <i>Transboundary and Emerging Diseases</i> , 2015, 62, 350-366.	1.3	8

#	ARTICLE	IF	CITATIONS
381	The DEAD-box RNA helicase 5 positively regulates the replication of porcine reproductive and respiratory syndrome virus by interacting with viral Nsp9 in vitro. <i>Virus Research</i> , 2015, 195, 217-224.	1.1	51
382	Pathology and Virus Distribution in the Lung and Lymphoid Tissues of Pigs Experimentally Inoculated with Three Distinct Type 1 PRRS Virus Isolates of Varying Pathogenicity. <i>Transboundary and Emerging Diseases</i> , 2016, 63, 285-295.	1.3	58
383	Gut Health of Pigs: Challenge Models and Response Criteria with a Critical Analysis of the Effectiveness of Selected Feed Additives – A Review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 909-924.	2.4	57
384	Augmented immune responses in pigs immunized with an inactivated porcine reproductive and respiratory syndrome virus containing the deglycosylated glycoprotein 5 under field conditions. <i>Clinical and Experimental Vaccine Research</i> , 2016, 5, 70.	1.1	4
385	Applications of Bayesian Phylodynamic Methods in a Recent U.S. Porcine Reproductive and Respiratory Syndrome Virus Outbreak. <i>Frontiers in Microbiology</i> , 2016, 7, 67.	1.5	61
386	Pathological and immunological characteristics of piglets infected experimentally with a HP-PRRSV TJ strain. <i>BMC Veterinary Research</i> , 2016, 12, 230.	0.7	25
387	Measuring Progress on the Control of Porcine Reproductive and Respiratory Syndrome (PRRS) at a Regional Level: The Minnesota N212 Regional Control Project (Rcp) as a Working Example. <i>PLoS ONE</i> , 2016, 11, e0149498.	1.1	18
388	Transcriptional Analysis of PRRSV-Infected Porcine Dendritic Cell Response to <i>Streptococcus suis</i> Infection Reveals Up-Regulation of Inflammatory-Related Genes Expression. <i>PLoS ONE</i> , 2016, 11, e0156019.	1.1	27
389	Recognition of Highly Diverse Type-1 and -2 Porcine Reproductive and Respiratory Syndrome Viruses (PRRSVs) by T-Lymphocytes Induced in Pigs after Experimental Infection with a Type-2 PRRSV Strain. <i>PLoS ONE</i> , 2016, 11, e0165450.	1.1	4
390	Factors associated with herd-level PRRSV infection and age-time to seroconversion in farrow-to-finish herds. <i>Veterinary Microbiology</i> , 2016, 192, 10-20.	0.8	21
391	The effect of depopulation and restocking on reproductive and growth performances on Japanese commercial swine farms. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 333-335.	0.3	8
392	Distinct functional enrichment of transcriptional signatures in pigs with high and low IFN-gamma responses after vaccination with a porcine reproductive and respiratory syndrome virus (PRRSV). <i>Veterinary Research</i> , 2016, 47, 104.	1.1	6
393	Heterogeneous antigenic properties of the porcine reproductive and respiratory syndrome virus nucleocapsid. <i>Veterinary Research</i> , 2016, 47, 117.	1.1	14
394	Genomic sequence and virulence evaluation of MN184A-like porcine reproductive and respiratory syndrome virus in Japan. <i>Microbiology and Immunology</i> , 2016, 60, 824-834.	0.7	17
395	A genome-wide association study of fetal response to type 2 porcine reproductive and respiratory syndrome virus challenge. <i>Scientific Reports</i> , 2016, 6, 20305.	1.6	19
396	Emerging of two new subgenotypes of porcine reproductive and respiratory syndrome viruses in Southeast China. <i>Microbial Pathogenesis</i> , 2016, 97, 27-33.	1.3	15
397	Genetic diversity of the Korean field strains of porcine reproductive and respiratory syndrome virus. <i>Infection, Genetics and Evolution</i> , 2016, 40, 288-294.	1.0	9
398	Syndecan-4, a PRRSV attachment factor, mediates PRRSV entry through its interaction with EGFR. <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 230-237.	1.0	13

#	ARTICLE	IF	CITATIONS
399	The Chinese highly pathogenic porcine reproductive and respiratory syndrome virus infection suppresses Th17 cells response in vivo. <i>Veterinary Microbiology</i> , 2016, 189, 75-85.	0.8	9
400	Ebola in the Hog Sector: Modeling Pandemic Emergence in Commodity Livestock. , 2016, , 13-53.		3
401	miRNA29 Promotes Viral Replication During Early Stage of PRRSV Infection <i>In Vitro</i>. <i>DNA and Cell Biology</i> , 2016, 35, 636-642.	0.9	18
402	Modulation of Proinflammatory Cytokines in Monocyte-Derived Dendritic Cells by Porcine Reproductive and Respiratory Syndrome Virus Through Interaction with the Porcine Intercellular-Adhesion-Molecule-3-Grabbing Nonintegrin. <i>Viral Immunology</i> , 2016, 29, 546-556.	0.6	27
403	Mycoviruses Infecting True Truffles. <i>Soil Biology</i> , 2016, , 333-349.	0.6	6
404	The role of porcine reproductive and respiratory syndrome virus infection in immune phenotype and Th1/Th2 balance of dendritic cells. <i>Developmental and Comparative Immunology</i> , 2016, 65, 245-252.	1.0	16
405	Pathogenesis of highly pathogenic porcine reproductive and respiratory syndrome virus in Chinese Tibetan swine. <i>Research in Veterinary Science</i> , 2016, 108, 33-37.	0.9	4
406	Neoliberal Ebola. , 2016, , .		17
407	Maternally-derived antibodies (MDAs) impair piglets's humoral and cellular immune responses to vaccination against porcine reproductive and respiratory syndrome (PRRS). <i>Veterinary Microbiology</i> , 2016, 192, 175-180.	0.8	26
408	Genomic characterization and pathogenicity of a strain of type 1 porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2016, 225, 40-49.	1.1	31
409	Efficient porcine reproductive and respiratory syndrome virus entry in MARC-145 cells requires EGFR-PI3K-AKT-LIMK1-COPIIN signaling pathway. <i>Virus Research</i> , 2016, 225, 23-32.	1.1	17
410	Attempts to enhance cross-protection against porcine reproductive and respiratory syndrome viruses using chimeric viruses containing structural genes from two antigenically distinct strains. <i>Vaccine</i> , 2016, 34, 4335-4342.	1.7	14
411	Use of Bayesian Belief Network techniques to explore the interaction of biosecurity practices on the probability of porcine disease occurrence in Canada. <i>Preventive Veterinary Medicine</i> , 2016, 131, 20-30.	0.7	5
412	Pathogenicity and antigenicity of a novel NADC30-like strain of porcine reproductive and respiratory syndrome virus emerged in China. <i>Veterinary Microbiology</i> , 2016, 197, 93-101.	0.8	72
413	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Scientific Reports</i> , 2016, 6, 25120.	1.6	78
414	Review on the transmission porcine reproductive and respiratory syndrome virus between pigs and farms and impact on vaccination. <i>Veterinary Research</i> , 2016, 47, 108.	1.1	137
415	A direct synthesis of atractylodinol, a potent inhibitor of PRRSV, and its biological evaluation. <i>Tetrahedron Letters</i> , 2016, 57, 5185-5187.	0.7	3
416	Genetic resistance - an alternative for controlling PRRS?. <i>Porcine Health Management</i> , 2016, 2, 27.	0.9	24

#	ARTICLE	IF	CITATIONS
417	Assessment of safety and reproductive performance after vaccination with a modified live-virus PRRS genotype 1 vaccine in pregnant sows at various stages of gestation. <i>Vaccine</i> , 2016, 34, 3862-3866.	1.7	12
418	Serum-derived exosomes from non-viremic animals previously exposed to the porcine respiratory and reproductive virus contain antigenic viral proteins. <i>Veterinary Research</i> , 2016, 47, 59.	1.1	42
419	Synthetic Toll-like receptor 7 ligand inhibits porcine reproductive and respiratory syndrome virus infection in primary porcine alveolar macrophages. <i>Antiviral Research</i> , 2016, 131, 9-18.	1.9	22
420	Virus replicon particles expressing porcine reproductive and respiratory syndrome virus proteins elicit immune priming but do not confer protection from viremia in pigs. <i>Veterinary Research</i> , 2016, 47, 33.	1.1	7
421	Comparative analysis of routes of immunization of a live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine in a heterologous virus challenge study. <i>Veterinary Research</i> , 2016, 47, 45.	1.1	11
422	Novel analytic tools for the study of porcine reproductive and respiratory syndrome virus (PRRSv) in endemic settings: lessons learned in the U.S.. <i>Porcine Health Management</i> , 2016, 2, 3.	0.9	19
423	Farm characteristics and perceptions regarding costs contribute to the adoption of biosecurity in Finnish pig and cattle farms. <i>Review of Agricultural Food and Environmental Studies</i> , 2016, 97, 215-223.	0.2	21
424	Purification of porcine reproductive and respiratory syndrome virus using ultrafiltration and liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 182-186.	1.2	7
425	Immunopotential of four natural adjuvants co-administered with a highly pathogenic porcine reproductive and respiratory syndrome virus glycoprotein 5 subunit. <i>Virus Genes</i> , 2016, 52, 261-269.	0.7	5
426	Efficacy of commercial genotype 1 porcine reproductive and respiratory syndrome virus (PRRSV) vaccine against field isolate of genotype 2 PRRSV. <i>Veterinary Immunology and Immunopathology</i> , 2016, 172, 43-49.	0.5	16
427	Pathogenicity and genetic characteristics associated with cell adaptation of a virulent porcine reproductive and respiratory syndrome virus nsp2 DEL strain CA-2. <i>Veterinary Microbiology</i> , 2016, 186, 174-188.	0.8	9
428	The non-structural protein Nsp2TF of porcine reproductive and respiratory syndrome virus down-regulates the expression of Swine Leukocyte Antigen class I. <i>Virology</i> , 2016, 491, 115-124.	1.1	18
429	Porcine Reproductive and Respiratory Syndrome Virus Nucleocapsid Protein Interacts with Nsp9 and Cellular DHX9 To Regulate Viral RNA Synthesis. <i>Journal of Virology</i> , 2016, 90, 5384-5398.	1.5	54
430	Potential of Taishan Pinus massoniana pollen polysaccharide on the immune response and protection elicited by a highly pathogenic porcine reproductive and respiratory syndrome virus glycoprotein 5 subunit in pigs. <i>Molecular and Cellular Probes</i> , 2016, 30, 83-92.	0.9	5
431	Characterization of two Austrian porcine reproductive and respiratory syndrome virus (PRRSV) field isolates reveals relationship to East Asian strains. <i>Veterinary Research</i> , 2016, 47, 17.	1.1	14
432	Pathological Characterization of an Outbreak of Porcine Reproductive and Respiratory Syndrome in Northern Vietnam. <i>Journal of Comparative Pathology</i> , 2016, 154, 135-149.	0.1	7
433	Serological evidence of type 2 (North American genotype) porcine reproductive and respiratory syndrome virus in Nepal. <i>Tropical Animal Health and Production</i> , 2016, 48, 663-666.	0.5	2
434	Ivermectin inhibits porcine reproductive and respiratory syndrome virus in cultured porcine alveolar macrophages. <i>Archives of Virology</i> , 2016, 161, 257-268.	0.9	19

#	ARTICLE	IF	CITATIONS
435	Characterization of immune responses following homologous reinfection of pigs with European subtype 1 and 3 porcine reproductive and respiratory syndrome virus strains that differ in virulence. <i>Veterinary Microbiology</i> , 2016, 182, 64-74.	0.8	7
436	Effect of polymorphisms in the GBP1, Mx1 and CD163 genes on host responses to PRRSV infection in pigs. <i>Veterinary Microbiology</i> , 2016, 182, 187-195.	0.8	28
437	Targeting Swine Leukocyte Antigen Class I Molecules for Proteasomal Degradation by the nsp1± Replicase Protein of the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Strain JXwn06. <i>Journal of Virology</i> , 2016, 90, 682-693.	1.5	41
438	Genetic variation, pathogenicity, and immunogenicity of highly pathogenic porcine reproductive and respiratory syndrome virus strain XH-GD at different passage levels. <i>Archives of Virology</i> , 2016, 161, 77-86.	0.9	13
439	Multiplex PCR and Microarray for Detection of Swine Respiratory Pathogens. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 834-848.	1.3	31
440	Splenic CD163+ macrophages as targets of porcine reproductive and respiratory virus: Role of Siglecs. <i>Veterinary Microbiology</i> , 2017, 198, 72-80.	0.8	7
441	Antagonizing cytokine-mediated JAK-STAT signaling by porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2017, 209, 57-65.	0.8	46
442	Control and eradication of porcine reproductive and respiratory syndrome virus type 2 using a modified-live type 2 vaccine in combination with a load, close, homogenise model: an area elimination study. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 4.	0.5	25
443	Emergence of a novel highly pathogenic porcine reproductive and respiratory syndrome virus in China. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 2059-2074.	1.3	51
444	Genetic architecture of gene expression underlying variation in host response to porcine reproductive and respiratory syndrome virus infection. <i>Scientific Reports</i> , 2017, 7, 46203.	1.6	32
445	Cost of porcine reproductive and respiratory syndrome virus at individual farm level – An economic disease model. <i>Preventive Veterinary Medicine</i> , 2017, 142, 16-29.	0.7	138
446	The integrity of PRRSV nucleocapsid protein is necessary for up-regulation of optimal interleukin-10 through NF- κ B and p38 MAPK pathways in porcine alveolar macrophages. <i>Microbial Pathogenesis</i> , 2017, 109, 319-324.	1.3	13
447	Emergence of mosaic recombinant strains potentially associated with vaccine JXA1-R and predominant circulating strains of porcine reproductive and respiratory syndrome virus in different provinces of China. <i>Virology Journal</i> , 2017, 14, 67.	1.4	55
448	Structure and Function of Viral Deubiquitinating Enzymes. <i>Journal of Molecular Biology</i> , 2017, 429, 3441-3470.	2.0	66
449	Preparation for emergence of an Eastern European porcine reproductive and respiratory syndrome virus (PRRSV) strain in Western Europe: Immunization with modified live virus vaccines or a field strain confers partial protection. <i>Veterinary Microbiology</i> , 2017, 204, 133-140.	0.8	20
450	Diversity and dynamics of the bacterial community involved in pig manure biodegradation in a microbial fermentation bed system. <i>Annals of Microbiology</i> , 2017, 67, 491-500.	1.1	19
451	Host genetics of response to porcine reproductive and respiratory syndrome in nursery pigs. <i>Veterinary Microbiology</i> , 2017, 209, 107-113.	0.8	24
452	Identification of a linear B-cell epitope on non-structural protein 12 of porcine reproductive and respiratory syndrome virus, using a monoclonal antibody. <i>Archives of Virology</i> , 2017, 162, 2239-2246.	0.9	10

#	ARTICLE	IF	CITATIONS
453	Genetic diversity of ORF 4 of type 1 porcine reproductive and respiratory syndrome virus in naturally infected pigs. <i>Veterinary Microbiology</i> , 2017, 199, 54-61.	0.8	9
454	Cholesterol 25-hydroxylase is an interferon-inducible factor that protects against porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Microbiology</i> , 2017, 210, 153-161.	0.8	39
455	Mobile Platform for Multiplexed Detection and Differentiation of Disease-Specific Nucleic Acid Sequences, Using Microfluidic Loop-Mediated Isothermal Amplification and Smartphone Detection. <i>Analytical Chemistry</i> , 2017, 89, 11219-11226.	3.2	68
456	Complete Genome Sequence of a Recombinant Porcine Reproductive and Respiratory Syndrome Virus Strain from Two Genotype 1 Modified Live Virus Vaccine Strains. <i>Genome Announcements</i> , 2017, 5, .	0.8	15
457	A recombinant type 2 porcine reproductive and respiratory syndrome virus between NADC30-like and a MLV-like: Genetic characterization and pathogenicity for piglets. <i>Infection, Genetics and Evolution</i> , 2017, 54, 279-286.	1.0	67
458	Effect of immunologic solutions on sows and gilts on time to stability, and production losses in breeding herds infected with 1-7-4 PRRSv. <i>Preventive Veterinary Medicine</i> , 2017, 144, 112-116.	0.7	12
459	Dendritic cell-targeted porcine reproductive and respiratory syndrome virus (PRRSV) antigens adjuvanted with polyinosinic-polycytidylic acid (poly (I:C)) induced non-protective immune responses against heterologous type 2 PRRSV challenge in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2017, 190, 18-25.	0.5	15
460	Evaluation of the effect of a porcine reproductive and respiratory syndrome (PRRS) modified-live virus vaccine on sow reproductive performance in endemic PRRS farms. <i>Veterinary Microbiology</i> , 2017, 208, 47-52.	0.8	13
461	Trichothecenes: immunomodulatory effects, mechanisms, and anti-cancer potential. <i>Archives of Toxicology</i> , 2017, 91, 3737-3785.	1.9	91
462	Quasispecies evolution of the prototypical genotype 1 porcine reproductive and respiratory syndrome virus early during in vivo infection is rapid and tissue specific. <i>Archives of Virology</i> , 2017, 162, 2203-2210.	0.9	5
463	Efficacy evaluation of three modified-live virus vaccines against a strain of porcine reproductive and respiratory syndrome virus NADC30-like. <i>Veterinary Microbiology</i> , 2017, 207, 108-116.	0.8	67
464	Dynamic changes in bronchoalveolar macrophages and cytokines during infection of pigs with a highly or low pathogenic genotype 1 PRRSV strain. <i>Veterinary Research</i> , 2017, 48, 15.	1.1	42
465	Complete genomic characterization of two European-genotype porcine reproductive and respiratory syndrome virus isolates in Fujian province of China. <i>Archives of Virology</i> , 2017, 162, 823-833.	0.9	18
466	The Crystal Structure of the Fifth Scavenger Receptor Cysteine-Rich Domain of Porcine CD163 Reveals an Important Residue Involved in Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	1.5	58
467	Critical role of cytochrome c1 and its cleavage in porcine reproductive and respiratory syndrome virus nonstructural protein 4-induced cell apoptosis via interaction with nsp4. <i>Journal of Integrative Agriculture</i> , 2017, 16, 2573-2585.	1.7	6
468	Reproductive effects of arteriviruses: equine arteritis virus and porcine reproductive and respiratory syndrome virus infections. <i>Current Opinion in Virology</i> , 2017, 27, 57-70.	2.6	30
469	Molecular cloning of porcine Siglec-3, Siglec-5 and Siglec-10, and identification of Siglec-10 as an alternative receptor for porcine reproductive and respiratory syndrome virus (PRRSV). <i>Journal of General Virology</i> , 2017, 98, 2030-2042.	1.3	27
470	A Review of Quantitative Tools Used to Assess the Epidemiology of Porcine Reproductive and Respiratory Syndrome in U.S. Swine Farms Using Dr. Morrison's Swine Health Monitoring Program Data. <i>Frontiers in Veterinary Science</i> , 2017, 4, 94.	0.9	6

#	ARTICLE	IF	CITATIONS
471	Porcine Interferon Stimulated Gene 12a Restricts Porcine Reproductive and Respiratory Syndrome Virus Replication in MARC-145 Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1613.	1.8	9
472	The Interaction between Nidovirales and Autophagy Components. <i>Viruses</i> , 2017, 9, 182.	1.5	34
473	Porcine Reproductive and Respiratory Syndrome Virus Infection Induces Stress Granule Formation Depending on Protein Kinase R-like Endoplasmic Reticulum Kinase (PERK) in MARC-145 Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 111.	1.8	28
474	Host-Derived Cytokines and Chemokines as Vaccine Adjuvants. , 2017, , 65-84.		6
475	Overexpression of Histone Deacetylase 6 Enhances Resistance to Porcine Reproductive and Respiratory Syndrome Virus in Pigs. <i>PLoS ONE</i> , 2017, 12, e0169317.	1.1	22
476	Transcriptome profile of lung dendritic cells after in vitro porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>PLoS ONE</i> , 2017, 12, e0187735.	1.1	25
477	Interaction of porcine reproductive and respiratory syndrome virus proteins with SUMO-conjugating enzyme reveals the SUMOylation of nucleocapsid protein. <i>PLoS ONE</i> , 2017, 12, e0189191.	1.1	13
478	Precision engineering for PRRSV resistance in pigs: Macrophages from genome edited pigs lacking CD163 SRCR5 domain are fully resistant to both PRRSV genotypes while maintaining biological function. <i>PLoS Pathogens</i> , 2017, 13, e1006206.	2.1	282
479	Curcumin is a promising inhibitor of genotype 2 porcine reproductive and respiratory syndrome virus infection. <i>BMC Veterinary Research</i> , 2017, 13, 298.	0.7	31
480	Genetic characterization of 11 porcine reproductive and respiratory syndrome virus isolates in South China from 2014 to 2015. <i>Virology Journal</i> , 2017, 14, 139.	1.4	14
481	ORF1a of highly pathogenic PRRS attenuated vaccine virus plays a key role in neutralizing antibody induction in piglets and virus neutralization in vitro. <i>Virology Journal</i> , 2017, 14, 159.	1.4	12
482	Role of transcription regulatory sequence in regulation of gene expression and replication of porcine reproductive and respiratory syndrome virus. <i>Veterinary Research</i> , 2017, 48, 41.	1.1	9
483	Interleukin-2 enhancer binding factor 2 interacts with the nsp9 or nsp2 of porcine reproductive and respiratory syndrome virus and exerts negatively regulatory effect on the viral replication. <i>Virology Journal</i> , 2017, 14, 125.	1.4	13
484	Assessment of listing and categorisation of animal diseases within the framework of the Animal Health Law (Regulation (EU) No 2016/429): porcine reproductive and respiratory syndrome (PRRS). <i>EFSA Journal</i> , 2017, 15, e04949.	0.9	0
485	Development of an immunochromatographic strip for detection of antibodies against porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Science</i> , 2017, 18, 307.	0.5	16
486	Phylogenetic analysis of ORF5 and ORF7 of porcine reproductive and respiratory syndrome (PRRS) virus and the frequency of wild-type PRRS virus in Mexico. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 993-1008.	1.3	8
487	Effects of heat stress during porcine reproductive and respiratory syndrome virus infection on metabolic responses in growing pigs. <i>Journal of Animal Science</i> , 2018, 96, 1375-1387.	0.2	13
488	Development of a risk assessment tool for improving biosecurity on pig farms. <i>Preventive Veterinary Medicine</i> , 2018, 153, 56-63.	0.7	10

#	ARTICLE	IF	CITATIONS
489	Isolation of Peripheral Blood CD8 T Cells Specific to Porcine Reproductive and Respiratory Syndrome Virus Utilizing Porcine CD137 Activation Marker. <i>Viral Immunology</i> , 2018, 31, 333-337.	0.6	0
490	A novel HRM assay for differentiating classical strains and highly pathogenic strains of type 2 porcine reproductive and respiratory syndrome virus. <i>Molecular and Cellular Probes</i> , 2018, 39, 25-32.	0.9	1
491	Transcriptome of Porcine PBMCs over Two Generations Reveals Key Genes and Pathways Associated with Variable Antibody Responses post PRRSV Vaccination. <i>Scientific Reports</i> , 2018, 8, 2460.	1.6	12
492	Effect of an 88-amino-acid deletion in nsp2 of porcine reproductive and respiratory syndrome virus on virus replication and cytokine responses in vitro. <i>Archives of Virology</i> , 2018, 163, 1489-1501.	0.9	8
493	Efficacy evaluation of two commercial modified-live virus vaccines against a novel recombinant type 2 porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2018, 216, 176-182.	0.8	23
494	Porcine IFI30 inhibits PRRSV proliferation and host cell apoptosis in vitro. <i>Gene</i> , 2018, 649, 93-98.	1.0	9
495	Modelling the economic efficiency of using different strategies to control Porcine Reproductive & Respiratory Syndrome at herd level. <i>Preventive Veterinary Medicine</i> , 2018, 152, 89-102.	0.7	25
496	RACK1 is indispensable for porcine reproductive and respiratory syndrome virus replication and NF- κ B activation in Marc-145 cells. <i>Scientific Reports</i> , 2018, 8, 2985.	1.6	13
497	Detection of porcine reproductive and respiratory syndrome virus (PRRSV)-specific IgM-IgA in oral fluid samples reveals PRRSV infection in the presence of maternal antibody. <i>Veterinary Microbiology</i> , 2018, 214, 13-20.	0.8	14
498	Plant synthetic GP4 and GP5 proteins from porcine reproductive and respiratory syndrome virus elicit immune responses in pigs. <i>Planta</i> , 2018, 247, 973-985.	1.6	5
499	Factors associated with the growing-finishing performances of swine herds: an exploratory study on serological and herd level indicators. <i>Porcine Health Management</i> , 2018, 4, 6.	0.9	11
500	Infection of monocytes with European porcine reproductive and respiratory syndrome virus (PRRSV-1) strain Lena is significantly enhanced by dexamethasone and IL-10. <i>Virology</i> , 2018, 517, 199-207.	1.1	18
501	Antiviral Effect of 25-Hydroxycholesterol against Porcine Reproductive and Respiratory Syndrome virus <i>in vitro</i> . <i>Antiviral Therapy</i> , 2018, 23, 395-404.	0.6	15
502	Effect of vaccination with a porcine reproductive and respiratory syndrome subunit vaccine on sow reproductive performance in endemic farms. <i>Veterinary Record</i> , 2018, 182, 602-602.	0.2	4
503	Prevalence of porcine reproductive and respiratory syndrome virus and porcine parvovirus antibodies in commercial pigs, southwest Nigeria. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 80-83.	0.8	7
504	zDALY: An adjusted indicator to estimate the burden of zoonotic diseases. <i>One Health</i> , 2018, 5, 40-45.	1.5	46
505	Porcine reproductive and respiratory syndrome virus induces interleukin-1 β through MyD88/ERK/AP-1 and NLRP3 inflammasome in microglia. <i>Veterinary Microbiology</i> , 2018, 227, 82-89.	0.8	21
506	Targeted-pig trial on safety and immunogenicity of serum-derived extracellular vesicles enriched fractions obtained from Porcine Respiratory and Reproductive virus infections. <i>Scientific Reports</i> , 2018, 8, 17487.	1.6	26

#	ARTICLE	IF	CITATIONS
507	A randomized controlled trial to evaluate performance of pigs raised in antibiotic-free or conventional production systems following challenge with porcine reproductive and respiratory syndrome virus. PLoS ONE, 2018, 13, e0208430.	1.1	21
508	Mapping the Nonstructural Protein Interaction Network of Porcine Reproductive and Respiratory Syndrome Virus. Journal of Virology, 2018, 92, .	1.5	28
509	Identification of Nonstructural Protein 8 as the N-Terminus of the RNA-Dependent RNA Polymerase of Porcine Reproductive and Respiratory Syndrome Virus. Virologica Sinica, 2018, 33, 429-439.	1.2	7
510	Pigs that recover from porcine reproduction and respiratory syndrome virus infection develop cytotoxic CD4+CD8+ and CD4+CD8- T-cells that kill virus infected cells. PLoS ONE, 2018, 13, e0203482.	1.1	24
511	Phages bearing specific peptides with affinity for porcine reproductive and respiratory syndrome virus GP4 protein prevent cell penetration of the virus. Veterinary Microbiology, 2018, 224, 43-49.	0.8	1
512	Transcriptome Analysis Reveals Dynamic Gene Expression Profiles in Porcine Alveolar Macrophages in Response to the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. BioMed Research International, 2018, 2018, 1-23.	0.9	24
513	Establishment and Characterization of a High and Stable Porcine CD163-Expressing MARC-145 Cell Line. BioMed Research International, 2018, 2018, 1-9.	0.9	4
515	Production Losses From an Endemic Animal Disease: Porcine Reproductive and Respiratory Syndrome (PRRS) in Selected Midwest US Sow Farms. Frontiers in Veterinary Science, 2018, 5, 102.	0.9	25
516	Porcine Reproductive and Respiratory Syndrome (PRRS). , 2018, , 267-281.		0
517	Multiple antiviral approaches of (â€“)epigallocatechin-3-gallate (EGCG) against porcine reproductive and respiratory syndrome virus infection in vitro. Antiviral Research, 2018, 158, 52-62.	1.9	44
518	Characterisation of the Virome of Tonsils from Conventional Pigs and from Specific Pathogen-Free Pigs. Viruses, 2018, 10, 382.	1.5	22
519	The emergence of a highly pathogenic porcine reproductive and respiratory syndrome virus with additional 120aa deletion in Nsp2 region in Jiangxi, China. Transboundary and Emerging Diseases, 2018, 65, 1740-1748.	1.3	17
520	Preferential use of Siglec-1 or Siglec-10 by type 1 and type 2 PRRSV strains to infect PK15S1â€“CD163 and PK15S10â€“CD163 cells. Veterinary Research, 2018, 49, 67.	1.1	18
521	Hypothalamus-pituitary-adrenal axis involves in anti-viral ability through regulation of immune response in piglets infected by highly pathogenic porcine reproductive and respiratory syndrome virus. BMC Veterinary Research, 2018, 14, 92.	0.7	3
522	Genomic sequence and virulence of a novel NADC30-like porcine reproductive and respiratory syndrome virus isolate from the Hebei province of China. Microbial Pathogenesis, 2018, 125, 349-360.	1.3	17
523	Fecal Microbiota Transplantation Is Associated With Reduced Morbidity and Mortality in Porcine Circovirus Associated Disease. Frontiers in Microbiology, 2018, 9, 1631.	1.5	39
524	Geographic distribution and molecular analysis of porcine reproductive and respiratory syndrome viruses circulating in swine farms in the Republic of Korea between 2013 and 2016. BMC Veterinary Research, 2018, 14, 160.	0.7	31
525	Porcine reproductive and respiratory syndrome virus nsp1 ² and nsp11 antagonize the antiviral activity of cholesterol-25-hydroxylase via lysosomal degradation. Veterinary Microbiology, 2018, 223, 134-143.	0.8	23

#	ARTICLE	IF	CITATIONS
526	The molecular characteristic analysis of PRRSV GSWW/2015 strain and its pathogenicity to pigs. <i>BMC Veterinary Research</i> , 2018, 14, 240.	0.7	10
527	Insights into the Porcine Reproductive and Respiratory Syndrome Virus Viral Ovarian Tumor Domain Protease Specificity for Ubiquitin and Interferon Stimulated Gene Product 15. <i>ACS Infectious Diseases</i> , 2018, 4, 1316-1326.	1.8	10
528	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
529	Impact of health challenges on pig growth performance, carcass characteristics, and net returns under commercial conditions. <i>Translational Animal Science</i> , 2018, 2, 50-61.	0.4	34
530	Galectin-3 inhibits replication of porcine reproductive and respiratory syndrome virus by interacting with viral Nsp12 in vitro. <i>Virus Research</i> , 2018, 253, 87-91.	1.1	9
531	The Role of Non-animal Origin Feed Ingredients in Transmission of Viral Pathogens of Swine: A Review of Scientific Literature. <i>Frontiers in Veterinary Science</i> , 2019, 6, 273.	0.9	19
532	Establishment of ELISpot technique for detection of cellular immunity against PRRSV. <i>Journal of Physics: Conference Series</i> , 2019, 1176, 022021.	0.3	1
533	Individual or Common Good? Voluntary Data Sharing to Inform Disease Surveillance Systems in Food Animals. <i>Frontiers in Veterinary Science</i> , 2019, 6, 194.	0.9	30
534	Antiviral activity of Piscidin 1 against pseudorabies virus both in vitro and in vivo. <i>Virology Journal</i> , 2019, 16, 95.	1.4	23
535	Establishment and evaluation of a PRRSV-sensitive porcine endometrial epithelial cell line by transfecting SV40 large T antigen. <i>BMC Veterinary Research</i> , 2019, 15, 299.	0.7	9
536	TRIM59 inhibits porcine reproductive and respiratory syndrome virus (PRRSV)-2 replication in vitro. <i>Research in Veterinary Science</i> , 2019, 127, 105-112.	0.9	12
537	Xanthohumol inhibits PRRSV proliferation and alleviates oxidative stress induced by PRRSV via the Nrf2/HMOX1 axis. <i>Veterinary Research</i> , 2019, 50, 61.	1.1	34
538	The nsp2 Hypervariable Region of Porcine Reproductive and Respiratory Syndrome Virus Strain JXwn06 Is Associated with Viral Cellular Tropism to Primary Porcine Alveolar Macrophages. <i>Journal of Virology</i> , 2019, 93, .	1.5	30
539	Detection of porcine reproductive and respiratory syndrome virus (PRRSV) type strains in Peru. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1107-1113.	1.3	36
540	Maternally-derived neutralizing antibodies reduce vaccine efficacy against porcine reproductive and respiratory syndrome virus infection. <i>Vaccine</i> , 2019, 37, 4318-4324.	1.7	20
541	Overexpression of RACK1 enhanced the replication of porcine reproductive and respiratory syndrome virus in Marc-145 cells and promoted the NF- κ B activation via upregulating the expression and phosphorylation of TRAF2. <i>Gene</i> , 2019, 709, 75-83.	1.0	19
542	Genetic analysis of porcine productive and respiratory syndrome virus between 2013 and 2014 in Southern parts of China: identification of several novel strains with amino acid deletions or insertions in nsp2. <i>BMC Veterinary Research</i> , 2019, 15, 171.	0.7	11
543	Assessment of immediate production impact following attenuated PRRS type 2 virus vaccination in swine breeding herds. <i>Porcine Health Management</i> , 2019, 5, 13.	0.9	11

#	ARTICLE	IF	CITATIONS
544	Evaluation of a Recombinant Mouse X Pig Chimeric Anti-Porcine DEC205 Antibody Fused with Structural and Nonstructural Peptides of PRRS Virus. <i>Vaccines</i> , 2019, 7, 43.	2.1	5
545	Effects of dietary soy isoflavones and soy protein source on response of weanling pigs to porcine reproductive and respiratory syndrome viral infection. <i>Journal of Animal Science</i> , 2019, 97, 2989-3006.	0.2	16
546	Genetic markers associated with resistance to infectious diseases have no effects on production traits and haematological parameters in Italian Large White pigs. <i>Livestock Science</i> , 2019, 223, 32-38.	0.6	8
547	25-Hydroxycholesterol provides antiviral protection against highly pathogenic porcine reproductive and respiratory syndrome virus in swine. <i>Veterinary Microbiology</i> , 2019, 231, 63-70.	0.8	16
548	Porcine reproductive and respiratory syndrome virus (PRRSV)-induced stress granules are associated with viral replication complexes and suppression of host translation. <i>Virus Research</i> , 2019, 265, 47-56.	1.1	12
549	Monitoring PRRSV-1 in suckling piglets in an endemic herd using reverse transcriptase quantitative real time polymerase chain reaction: comparison of the rate of detection in serum and oral fluid samples and evaluation of pooling. <i>Porcine Health Management</i> , 2019, 5, 8.	0.9	10
550	ZAP, a CCCH-Type Zinc Finger Protein, Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication and Interacts with Viral Nsp9. <i>Journal of Virology</i> , 2019, 93, .	1.5	39
551	Inhibitory Effect of Iota-carrageenan on Porcine Reproductive and Respiratory Syndrome Virus <i>in Vitro</i> . <i>Antiviral Therapy</i> , 2019, 24, 261-270.	0.6	14
554	Involvement of PRRSV NSP3 and NSP5 in the autophagy process. <i>Virology Journal</i> , 2019, 16, 13.	1.4	9
555	Differential detection of porcine reproductive and respiratory syndrome virus genotypes by a fluorescence melting curve analysis using peptide nucleic acid probe-mediated one-step real-time RT-PCR. <i>Journal of Virological Methods</i> , 2019, 267, 29-34.	1.0	6
556	Key Gaps in the Knowledge of the Porcine Respiratory Reproductive Syndrome Virus (PRRSV). <i>Frontiers in Veterinary Science</i> , 2019, 6, 38.	0.9	88
557	Vaccination of Mice with <i>Listeria ivanovii</i> Expressing the Truncated M Protein of Porcine Reproductive and Respiratory Syndrome Virus Induces both Antigen-Specific CD4+ and CD8+ T Cell-Mediated Immunity. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2019, 29, 74-82.	1.0	0
558	Immunomodulatory Effects of Phosphorylated Radix <i>Cyathulae officinalis</i> Polysaccharides in Immunosuppressed Mice. <i>Molecules</i> , 2019, 24, 4150.	1.7	29
559	Temporal Dynamics of Co-circulating Lineages of Porcine Reproductive and Respiratory Syndrome Virus. <i>Frontiers in Microbiology</i> , 2019, 10, 2486.	1.5	56
560	Rapid, Unbiased PRRSV Strain Detection Using MinION Direct RNA Sequencing and Bioinformatics Tools. <i>Viruses</i> , 2019, 11, 1132.	1.5	23
561	The effect of a porcine reproductive and respiratory syndrome outbreak on genetic parameters and reaction norms for reproductive performance in pigs1. <i>Journal of Animal Science</i> , 2019, 97, 1101-1116.	0.2	5
562	Chlorine dioxide inhibits the replication of porcine reproductive and respiratory syndrome virus by blocking viral attachment. <i>Infection, Genetics and Evolution</i> , 2019, 67, 78-87.	1.0	26
563	Porcine reproductive and respiratory syndrome virus NADC30-like strain accelerates <i>Streptococcus suis</i> serotype 2 infection <i>in vivo</i> and <i>in vitro</i> . <i>Transboundary and Emerging Diseases</i> , 2019, 66, 729-742.	1.3	16

#	ARTICLE	IF	CITATIONS
564	Generation of Pigs Resistant to Highly Pathogenic-Porcine Reproductive and Respiratory Syndrome Virus through Gene Editing of <i>CD163</i> . <i>International Journal of Biological Sciences</i> , 2019, 15, 481-492.	2.6	46
565	Recombination in lineage 1, 3, 5 and 8 of porcine reproductive and respiratory syndrome viruses in China. <i>Infection, Genetics and Evolution</i> , 2019, 68, 119-126.	1.0	23
566	Factors affecting Porcine Reproductive and Respiratory Syndrome virus time-to-stability in breeding herds in the Midwestern United States. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 823-830.	1.3	19
567	Induction of the unfolded protein response (UPR) suppresses porcine reproductive and respiratory syndrome virus (PRRSV) replication. <i>Virus Research</i> , 2020, 276, 197820.	1.1	13
568	Phylogenetics, Genomic Recombination, and NSP2 Polymorphic Patterns of Porcine Reproductive and Respiratory Syndrome Virus in China and the United States in 2014–2018. <i>Journal of Virology</i> , 2020, 94, .	1.5	69
569	Characterization of porcine reproductive and respiratory syndrome virus (ORF5 RFLP 1-7-4 viruses) in northern China. <i>Microbial Pathogenesis</i> , 2020, 140, 103941.	1.3	19
570	Initial trial results of a magnetic biosensor for the rapid detection of Porcine Reproductive and Respiratory Virus (PRRSV) infection. <i>Sensing and Bio-Sensing Research</i> , 2020, 27, 100315.	2.2	8
571	Mucosal and systemic immune responses to Aujeszky's disease virus (ADV) in early vaccinated piglets. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020, 68, 101400.	0.7	6
572	Production losses five months after outbreak with a recombinant of two PRRSV vaccine strains in 13 Danish sow herds. <i>Porcine Health Management</i> , 2020, 6, 26.	0.9	11
573	Porcine reproductive and respiratory syndrome virus Nsp4 cleaves ZAP to antagonize its antiviral activity. <i>Veterinary Microbiology</i> , 2020, 250, 108863.	0.8	16
574	A Review on the Use of Antimicrobial Peptides to Combat Porcine Viruses. <i>Antibiotics</i> , 2020, 9, 801.	1.5	15
575	Long-Lasting Impact of Maternal Immune Activation and Interaction With a Second Immune Challenge on Pig Behavior. <i>Frontiers in Veterinary Science</i> , 2020, 7, 561151.	0.9	15
576	Financial Analysis of Herd Status and Vaccination Practices for Porcine Reproductive and Respiratory Syndrome Virus, Swine Influenza Virus, and <i>Mycoplasma hyopneumoniae</i> in Farrow-to-Finish Pig Farms Using a Bio-Economic Simulation Model. <i>Frontiers in Veterinary Science</i> , 2020, 7, 556674.	0.9	25
577	Chitosan Nanoparticle Based Mucosal Vaccines Delivered Against Infectious Diseases of Poultry and Pigs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 558349.	2.0	21
578	Porcine Reproductive and Respiratory Syndrome Virus Structural Protein GP3 Regulates Claudin 4 To Facilitate the Early Stages of Infection. <i>Journal of Virology</i> , 2020, 94, .	1.5	5
579	Gilt Vaccination with a Mixed Administration of a PRRS MLV and a PPV1 Subunit Vaccine Protects against Heterologous PRRSV1 Infection and Prevents Detrimental Effects on Piglet Performance. <i>Viruses</i> , 2020, 12, 789.	1.5	4
580	Dynamics of a delayed SIR model for the transmission of PRRSV among a swine population. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	2
581	Modeling Economic Effects of Vaccination Against Porcine Reproductive and Respiratory Syndrome: Impact of Vaccination Effectiveness, Vaccine Price, and Vaccination Coverage. <i>Frontiers in Veterinary Science</i> , 2020, 7, 500.	0.9	18

#	ARTICLE	IF	CITATIONS
582	Full Genomic Analysis of New Variants of Porcine Reproductive and Respiratory Syndrome Virus Revealed Multiple Recombination Events Between Different Lineages and Sublineages. <i>Frontiers in Veterinary Science</i> , 2020, 7, 603.	0.9	11
583	Whole-Genome Sequencing of Porcine Reproductive and Respiratory Syndrome Virus from Field Clinical Samples Improves the Genomic Surveillance of the Virus. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	19
584	The tail domain of PRRSV NSP2 plays a key role in aggrephagy by interacting with 14-3-3 μ . <i>Veterinary Research</i> , 2020, 51, 104.	1.1	10
585	Fetal Metabolomic Alterations Following Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 559688.	1.6	6
586	Assessment of reproductive and growth performance of pigs on commercial swine farms in southern Kyushu, Japan. <i>Animal Science Journal</i> , 2020, 91, e13492.	0.6	4
587	Alterations of fecal microbiome characteristics by dietary soy isoflavone ingestion in growing pigs infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	4
588	Generation of a porcine reproductive and respiratory syndrome virus expressing a marker gene inserted between ORF4 and ORF5a. <i>Archives of Virology</i> , 2020, 165, 1803-1813.	0.9	13
589	Epidemiological and genetic characteristics of porcine reproduction and respiratory syndrome virus 2 in mainland China, 2017â€“2018. <i>Archives of Virology</i> , 2020, 165, 1621-1632.	0.9	18
590	Genetic Diversity of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) From 1996 to 2017 in China. <i>Frontiers in Microbiology</i> , 2020, 11, 618.	1.5	55
591	In vitro Cytokine Responses to Virulent PRRS Virus Strains. <i>Frontiers in Veterinary Science</i> , 2020, 7, 335.	0.9	4
592	Rapid inactivation of airborne porcine reproductive and respiratory syndrome virus using an atmospheric pressure air plasma. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900269.	1.6	34
593	Dietary soy isoflavones reduce pathogen-related mortality in growing pigs under porcine reproductive and respiratory syndrome viral challenge. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	13
594	Yansuanmalingua inhibits replication of type 2 porcine reproductive and respiratory syndrome virus via activating the caspaseâ€8 apoptosis pathway. <i>Journal of Basic Microbiology</i> , 2020, 60, 400-406.	1.8	3
595	CD163 \uparrow SRCR5 MARC-145 Cells Resist PRRSV-2 Infection via Inhibiting Virus Uncoating, Which Requires the Interaction of CD163 With Calpain 1. <i>Frontiers in Microbiology</i> , 2019, 10, 3115.	1.5	15
596	A potential endemic strain in China: NADC34â€like porcine reproductive and respiratory syndrome virus. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1730-1738.	1.3	36
597	Herbal extracts as antiviral agents. , 2020, , 115-132.		13
598	llumination of PRRSV Cytotoxic T Lymphocyte Epitopes by the Three-Dimensional Structure and Peptidome of Swine Lymphocyte Antigen Class I (SLA-I). <i>Frontiers in Immunology</i> , 2020, 10, 2995.	2.2	11
599	Maternal and fetal thyroid dysfunction following porcine reproductive and respiratory syndrome virus2 infection. <i>Veterinary Research</i> , 2020, 51, 47.	1.1	10

#	ARTICLE	IF	CITATIONS
600	The diverse roles and dynamic rearrangement of vimentin during viral infection. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	42
601	Porcine reproductive and respiratory syndrome virus dissemination across pig production systems in the United States. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 667-683.	1.3	31
602	Quantitative Proteomic Analysis of Global Protein Acetylation in PRRSV-Infected Pulmonary Alveolar Macrophages. <i>Proteomics</i> , 2021, 21, 2000019.	1.3	6
603	Co-expression of self-cleaved multiple proteins derived from Porcine Reproductive and Respiratory Syndrome Virus by bi-cistronic and tri-cistronic DNA vaccines. <i>Protein Expression and Purification</i> , 2021, 177, 105763.	0.6	3
604	Rapid reconstruction of porcine reproductive and respiratory syndrome virus using synthetic DNA fragments. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5108-5116.	1.9	0
605	Respiratory and Systemic Toxicity of Inhaled Artificial Asian Sand Dust in Pigs. <i>Life</i> , 2021, 11, 25.	1.1	3
606	Antiviral Mechanism of Tea Polyphenols against Porcine Reproductive and Respiratory Syndrome Virus. <i>Pathogens</i> , 2021, 10, 202.	1.2	10
607	PRRSV Promotes MARC-145 Cells Entry Into S Phase of the Cell Cycle to Facilitate Viral Replication via Degradation of p21 by nsp11. <i>Frontiers in Veterinary Science</i> , 2021, 8, 642095.	0.9	5
608	Molecular Characterization of the Nsp2 and ORF5 (ORF5a) Genes of PRRSV Strains in Nine Provinces of China During 2016-2018. <i>Frontiers in Veterinary Science</i> , 2021, 8, 605832.	0.9	13
609	Mitigation of Airborne PRRSV Transmission with UV Light Treatment: Proof-of-Concept. <i>Agriculture (Switzerland)</i> , 2021, 11, 259.	1.4	14
610	Saponins: Extraction, bio-medicinal properties and way forward to anti-viral representatives. <i>Food and Chemical Toxicology</i> , 2021, 150, 112075.	1.8	57
612	Recent Advances in PRRS Virus Receptors and the Targeting of Receptor-Ligand for Control. <i>Vaccines</i> , 2021, 9, 354.	2.1	17
613	Association of wild-type PRRSV detection patterns with mortality of MLV-vaccinated growing pig groups. <i>Preventive Veterinary Medicine</i> , 2021, 189, 105270.	0.7	3
614	Pseudorabies (Aujeszky's disease) virus DNA detection in swine nasal swab and oral fluid specimens using a gB-based real-time quantitative PCR. <i>Preventive Veterinary Medicine</i> , 2021, 189, 105308.	0.7	12
615	Intradermal co-inoculation of codon pair deoptimization (CPD)-attenuated chimeric porcine reproductive and respiratory syndrome virus (PRRSV) with Toll like receptor (TLR) agonists enhanced the protective effects in pigs against heterologous challenge. <i>Veterinary Microbiology</i> , 2021, 256, 109048.	0.8	8
617	The advancements, challenges, and future implications of the CRISPR/Cas9 system in swine research. <i>Journal of Genetics and Genomics</i> , 2021, 48, 347-360.	1.7	8
618	Effects of recovery from short-term heat stress exposure on feed intake, plasma amino acid profiles, and metabolites in growing pigs. <i>Journal of Animal Science and Technology</i> , 2021, 63, 531-544.	0.8	4
619	Designing and Testing of a System for Aerosolization and Recovery of Viable Porcine Reproductive and Respiratory Syndrome Virus (PRRSV): Theoretical and Engineering Considerations. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 659609.	2.0	3

#	ARTICLE	IF	CITATIONS
620	The C/EBP β -Dependent Induction of TFDP2 Facilitates Porcine Reproductive and Respiratory Syndrome Virus Proliferation. <i>Virologica Sinica</i> , 2021, 36, 1341-1351.	1.2	3
621	Whole Genome or Single Genes? A Phylodynamic and Bibliometric Analysis of PRRSV. <i>Frontiers in Veterinary Science</i> , 2021, 8, 658512.	0.9	6
622	Emergence of novel recombinant type 2 porcine reproductive and respiratory syndrome viruses with high pathogenicity for piglets in China. <i>Journal of Infection</i> , 2021, 83, 607-635.	1.7	3
623	On-site differential diagnostic detection of HP-PRRSV and C-PRRSV using EuNPs-mAb fluorescent probe-based immunoassay. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5799-5810.	1.9	7
624	Modeling the Spread of Porcine Reproductive and Respiratory Syndrome Among Pig Farms in Lira District of Northern Uganda. <i>Frontiers in Veterinary Science</i> , 2021, 8, 727895.	0.9	4
625	Glyceraldehyde-3-Phosphate Dehydrogenase Restricted in Cytoplasmic Location by Viral GP5 Facilitates Porcine Reproductive and Respiratory Syndrome Virus Replication via Its Glycolytic Activity. <i>Journal of Virology</i> , 2021, 95, e0021021.	1.5	8
626	The administration of diets contaminated with low to intermediate doses of deoxynivalenol and supplemented with antioxidants and binding agents slightly affects the growth, antioxidant status, and vaccine response in weanling pigs. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	2
627	Temporal lineage dynamics of the ORF5 gene of porcine reproductive and respiratory syndrome virus in Korea in 2014–2019. <i>Archives of Virology</i> , 2021, 166, 2803-2815.	0.9	16
628	Protein Nucleotidylation in +ssRNA Viruses. <i>Viruses</i> , 2021, 13, 1549.	1.5	4
629	Identification of an Intramolecular Switch That Controls the Interaction of Helicase nsp10 with Membrane-Associated nsp12 of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2021, 95, e0051821.	1.5	7
630	The COVID-19 Pandemic and Economic Growth: Theory and Simulation. <i>Frontiers in Public Health</i> , 2021, 9, 741525.	1.3	20
631	What can phylodynamics bring to animal health research?. <i>Trends in Ecology and Evolution</i> , 2021, 36, 837-847.	4.2	9
632	Highly Sensitive CRISPR/Cas12a-Based Fluorescence Detection of Porcine Reproductive and Respiratory Syndrome Virus. <i>ACS Synthetic Biology</i> , 2021, 10, 2499-2507.	1.9	19
633	A strain of highly pathogenic porcine reproductive and respiratory syndrome virus: genomic characterization, pathogenicity, and construction of an infectious full-length cDNA clone. <i>Archives of Virology</i> , 2021, 166, 3127-3141.	0.9	5
634	Novel DNA methylation markers of PRRSV-specific antibodies and their intergenerational transmission from pregnant sows to piglets. <i>Gene</i> , 2021, 801, 145831.	1.0	2
635	MicroRNA ssc-miR-124a exhibits antiviral activity against porcine reproductive and respiratory syndrome virus via suppression of host genes CD163. <i>Veterinary Microbiology</i> , 2021, 261, 109216.	0.8	9
636	Application of an economic calculator to determine the cost of porcine reproductive and respiratory syndrome at farm-level in 21 pig herds in Germany. <i>Porcine Health Management</i> , 2021, 7, 3.	0.9	42
637	Surveillance of porcine reproductive and respiratory syndrome virus in the United States using risk mapping and species distribution modeling. <i>Preventive Veterinary Medicine</i> , 2018, 150, 135-142.	0.7	19

#	ARTICLE	IF	CITATIONS
638	Spatial relative risk and factors associated with porcine reproductive and respiratory syndrome outbreaks in United States breeding herds. <i>Preventive Veterinary Medicine</i> , 2020, 183, 105128.	0.7	18
639	Glycoprotein analysis of porcine bronchoalveolar lavage fluid reveals potential biomarkers corresponding to resistance to <i>Actinobacillus pleuropneumoniae</i> infection. <i>Veterinary Research</i> , 2009, 40, 60.	1.1	9
640	Development of an experimental inactivated PRRSV vaccine that induces virus-neutralizing antibodies. <i>Veterinary Research</i> , 2009, 40, 63.	1.1	81
641	Assessing the functionality of viral entry-associated domains of porcine reproductive and respiratory syndrome virus during inactivation procedures, a potential tool to optimize inactivated vaccines. <i>Veterinary Research</i> , 2009, 40, 62.	1.1	25
642	Effect of temperature and relative humidity on the stability of infectious porcine reproductive and respiratory syndrome virus in aerosols. <i>Veterinary Research</i> , 2007, 38, 81-93.	1.1	78
644	Porcine reproductive and respiratory syndrome virus 3C protease cleaves the mitochondrial antiviral signalling complex to antagonize IFN- λ 2 expression. <i>Journal of General Virology</i> , 2015, 96, 3049-3058.	1.3	36
645	Evolutionary diversification of type 2 porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2015, 96, 1570-1580.	1.3	66
647	Evaluation of selected reproductive parameters in gilts and loss of piglets after repopulation. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2013, 61, 1357-1364.	0.2	8
648	Detection of pseudorabies virus antibody in swine oral fluid using a serum whole-virus indirect ELISA. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020, 32, 535-541.	0.5	7
649	Association analyses of DNA polymorphisms in immune-related candidate genes GBP1, GBP2, CD163, and CD169 with porcine growth and meat quality traits. <i>Journal of Biomedical Research</i> , 2015, 16, 40-46.	0.1	3
650	Understanding PRRSV Infection in Porcine Lung Based on Genome-Wide Transcriptome Response Identified by Deep Sequencing. <i>PLoS ONE</i> , 2010, 5, e11377.	1.1	119
651	Induction of STAT1 Phosphorylation at Serine 727 and Expression of Proinflammatory Cytokines by Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2013, 8, e61967.	1.1	25
652	<i>Cryptosporidium parvum</i> Extract Inhibits Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e63767.	1.1	25
653	Genome-Wide Gene Expression Profiles in Lung Tissues of Pig Breeds Differing in Resistance to Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2014, 9, e86101.	1.1	22
654	Highly Efficient Expression of Interleukin-2 under the Control of Rabbit β -Globin Intron II Gene Enhances Protective Immune Responses of Porcine Reproductive and Respiratory Syndrome (PRRS) DNA Vaccine in Pigs. <i>PLoS ONE</i> , 2014, 9, e90326.	1.1	9
655	Boosting In Planta Production of Antigens Derived from the Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) and Subsequent Evaluation of Their Immunogenicity. <i>PLoS ONE</i> , 2014, 9, e91386.	1.1	15
656	Developing a Triple Transgenic Cell Line for High-Efficiency Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>PLoS ONE</i> , 2016, 11, e0154238.	1.1	9
657	Monkey Viperin Restricts Porcine Reproductive and Respiratory Syndrome Virus Replication. <i>PLoS ONE</i> , 2016, 11, e0156513.	1.1	25

#	ARTICLE	IF	CITATIONS
658	Induction of Apoptosis by the Nonstructural Protein 4 and 10 of Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2016, 11, e0156518.	1.1	32
659	Inhibition of proanthocyanidin A2 on porcine reproductive and respiratory syndrome virus replication in vitro. <i>PLoS ONE</i> , 2018, 13, e0193309.	1.1	28
660	Current Swine Respiratory Diseases Morphology in Intensive Swine Production in Serbia. <i>Acta Veterinaria</i> , 2020, 70, 1-36.	0.2	4
661	Influence of health on feed efficiency. , 2012, , 225-237.		4
662	Novel MicroRNAs and Targets Prediction in PRRS Virus Genome. <i>Journal of Convergence Information Technology</i> , 2010, 5, 207-215.	0.1	5
663	Grouping Pig-Specific Responses to Mitogen with Similar Responder Animals may Facilitate the Interpretation of Results Obtained in an Out-Bred Animal Model. <i>Journal of Vaccines & Vaccination</i> , 2014, 05, .	0.3	2
664	Antiviral Activity of Tilmicosin for Type 1 and Type 2 Porcine Reproductive And Respiratory Syndrome Virus In Cultured Porcine Alveolar Macrophages. <i>Journal of Antivirals & Antiretrovirals</i> , 2011, 03, .	0.1	5
665	Porcine Herd Health Management Practices for the Control of PRRSV Infection. , 0, , .		5
666	Full genome sequence analysis of a 1-7-4-like PRRSV strain in Fujian Province, China. <i>PeerJ</i> , 2019, 7, e7859.	0.9	25
667	The Novel PRRSV Strain HBap4-2018 with a Unique Recombinant Pattern Is Highly Pathogenic to Piglets. <i>Virologica Sinica</i> , 2021, 36, 1611-1625.	1.2	28
668	Induction of UPR Promotes Interferon Response to Inhibit PRRSV Replication via PKR and NF- κ B Pathway. <i>Frontiers in Microbiology</i> , 2021, 12, 757690.	1.5	6
669	Comparison of Serological and Virological Analysis for Infection Patterns of Porcine Reproductive and Respiratory Syndrome Virus to Establish a Farm Level Control Strategy. <i>Journal of Life Science</i> , 2009, 19, 1170-1176.	0.2	2
671	Survey of porcine reproductive and respiratory syndrome (PRRS) on pig farms in Andong and Hapcheon region. <i>Korean Journal of Veterinary Service</i> , 2014, 37, 11-18.	0.0	6
672	Genetics and Reverse Genetics of Nidoviruses. , 0, , 47-64.		1
673	ORF5a Protein of Porcine Reproductive and Respiratory Syndrome Virus is Indispensable for Virus Replication. <i>Microbiology and Biotechnology Letters</i> , 2015, 43, 1-8.	0.2	1
674	Expression of peptide nanoparticles containing a porcine reproductive and respiratory syndrome (PRRS) virus epitope in plants. <i>African Journal of Microbiology Research</i> , 2015, 9, 1600-1607.	0.4	0
675	Molecular identification and genetic diversity of open reading frame 7 field isolated porcine reproductive and respiratory syndrome in North Sumatera, Indonesia, in the period of 2008-2014. <i>Veterinary World</i> , 2015, 8, 875-880.	0.7	1
676	Infectious agents involved in reproduction failure in swine. <i>Medycyna Weterynaryjna</i> , 2016, 72, 345-351.	0.0	0

#	ARTICLE	IF	CITATIONS
677	Application of next generation sequencing (NGS) system for whole-genome sequencing of porcine reproductive and respiratory syndrome virus (PRRSV). Korean Journal of Veterinary Service, 2016, 39, 41-49.	0.0	0
678	Genetic Characterization of Open Reading Frame5 (ORF5) of Porcine Reproductive and Respiratory Syndrome Virus in Indonesia Between 2008 and 2014. Asian Journal of Animal Sciences, 2016, 10, 189-195.	0.3	0
679	Single-tube nested reverse transcription-polymerase chain reaction for simultaneous detection of genotyping of porcine reproductive and respiratory syndrome virus without DNA carryover contamination. Korean Journal of Veterinary Service, 2016, 39, 107-116.	0.0	0
680	Standard Operation Procedures and Biosecurity Practice on Swine Commercial Farms during the Period Porcine Epidemic Diarrhea Occurred (November 2013 to August 2014). Nihon Yoton Gakkaishi, 2017, 54, 29-43.	0.1	0
682	Interpretable machine learning applied to on-farm biosecurity and porcine reproductive and respiratory syndrome virus. Transboundary and Emerging Diseases, 2022, 69, .	1.3	7
683	Porcine Reproductive and Respiratory Syndrome Virus. Livestock Diseases and Management, 2020, , 285-313.	0.5	0
684	House Fly (Diptera: Muscidae): Biology, Pest Status, Current Management Prospects, and Research Needs. Journal of Integrated Pest Management, 2021, 12, .	0.9	41
685	A longitudinal study on PRRSV detection in swine herds with different demographics and PRRSV management strategies. Transboundary and Emerging Diseases, 2021, , .	1.3	1
686	Association between genetic sequence homology of Porcine reproductive and respiratory syndrome virus and geographic distance between pig sites. Canadian Journal of Veterinary Research, 2006, 70, 237-9.	1.1	16
687	The impact of animal age, bacterial coinfection, and isolate pathogenicity on the shedding of porcine reproductive and respiratory syndrome virus in aerosols from experimentally infected pigs. Canadian Journal of Veterinary Research, 2006, 70, 297-301.	1.1	30
688	The effect of vaccination against Porcine reproductive and respiratory syndrome virus (PRRSV) on the Porcine circovirus-2 (PCV-2) load in porcine circovirus associated disease (PCVAD) affected pigs. Canadian Journal of Veterinary Research, 2009, 73, 87-90.	0.2	2
689	Further assessment of houseflies (Musca domestica) as vectors for the mechanical transport and transmission of porcine reproductive and respiratory syndrome virus under field conditions. Canadian Journal of Veterinary Research, 2009, 73, 91-6.	0.2	12
690	Further assessment of fomites and personnel as vehicles for the mechanical transport and transmission of porcine reproductive and respiratory syndrome virus. Canadian Journal of Veterinary Research, 2009, 73, 298-302.	0.2	12
691	Infection dynamics and clinical manifestations following experimental inoculation of gilts at 90 days of gestation with a low dose of porcine reproductive and respiratory syndrome virus. Canadian Journal of Veterinary Research, 2009, 73, 303-7.	0.2	8
692	Clinical signs and their association with herd demographics and porcine reproductive and respiratory syndrome (PRRS) control strategies in PRRS PCR-positive swine herds in Ontario. Canadian Journal of Veterinary Research, 2010, 74, 170-7.	0.2	4
693	Function of CD163 fragments in porcine reproductive and respiratory syndrome virus infection. International Journal of Clinical and Experimental Medicine, 2015, 8, 15373-82.	1.3	7
694	Mortality Due to Porcine Reproductive and Respiratory Syndrome Virus in Immunocompromised Göttingen Minipigs (Sus scrofa domestica). Comparative Medicine, 2016, 66, 392-398.	0.4	2
695	Hypermutations in porcine respiratory and reproductive syndrome virus. Canadian Journal of Veterinary Research, 2019, 83, 104-109.	0.2	1

#	ARTICLE	IF	CITATIONS
696	Profiling of cell stress proteins reveals decreased expression of enzymatic antioxidants in tracheal epithelial tissue of pigs raised indoors. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 5716-5727.	0.0	1
697	Establishment of a peptide-based enzyme-linked immunosorbent assay for detecting antibodies against PRRSV M protein. <i>BMC Veterinary Research</i> , 2021, 17, 355.	0.7	4
698	The United States Swine Pathogen Database: integrating veterinary diagnostic laboratory sequence data to monitor emerging pathogens of swine. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	5
699	Towards progressive regulatory approaches for agricultural applications of animal biotechnology. <i>Transgenic Research</i> , 2022, 31, 167-199.	1.3	18
700	Immunogenic and antigenic analysis of recombinant NSP1 and NSP11 of PRRS virus. <i>Veterinary Medicine and Science</i> , 2022, 8, 610-618.	0.6	3
701	Rapid visual detection of porcine reproductive and respiratory syndrome virus via recombinase polymerase amplification combined with a lateral flow dipstick. <i>Archives of Virology</i> , 2022, 167, 493-499.	0.9	5
702	A Novel Motif in the 3' UTR of PRRSV-2 Is Critical for Viral Multiplication and Contributes to Enhanced Replication Ability of Highly Pathogenic or L1 PRRSV. <i>Viruses</i> , 2022, 14, 166.	1.5	5
703	Comparison of the pathogenicity of porcine reproductive and respiratory syndrome virus (PRRSV)-1 and PRRSV-2 in pregnant sows. <i>Archives of Virology</i> , 2022, 167, 425-439.	0.9	5
704	Recombination between NADC34-like and QYYZ-like strain of porcine reproductive and respiratory syndrome virus with high pathogenicity for piglets in China. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	14
705	TRIM26-mediated degradation of nucleocapsid protein limits porcine reproductive and respiratory syndrome virus-2 infection. <i>Virus Research</i> , 2022, 311, 198690.	1.1	2
706	PRRSV Non-Structural Proteins Orchestrate Porcine E3 Ubiquitin Ligase RNF122 to Promote PRRSV Proliferation. <i>Viruses</i> , 2022, 14, 424.	1.5	8
707	First Study to Describe the Prevalence of Porcine Reproductive and Respiratory Syndrome Virus and Porcine Circovirus Type 2 among the Farmed Pig Population in the Hong Kong Special Administrative Region. <i>Veterinary Sciences</i> , 2022, 9, 80.	0.6	3
708	Current Status of Genetically Modified Pigs That Are Resistant to Virus Infection. <i>Viruses</i> , 2022, 14, 417.	1.5	5
709	Heterologous Challenge with PRRSV-1 MLV in Pregnant Vaccinated Gilts: Potential Risk on Health and Immunity of Piglets. <i>Animals</i> , 2022, 12, 450.	1.0	1
710	AMP-activated kinase regulates porcine reproductive and respiratory syndrome virus infection in vitro. <i>Virus Genes</i> , 2022, 58, 133-142.	0.7	0
711	Pattern of Antibiotic Consumption in Two Italian Production Chains Differing by the Endemic Status for Porcine Reproductive and Respiratory Syndrome. <i>Frontiers in Veterinary Science</i> , 2022, 9, 840716.	0.9	6
712	Combined Subcutaneous-Intranasal Immunization With Epitope-Based Antigens Elicits Binding and Neutralizing Antibody Responses in Serum and Mucosae Against PRRSV-2 and SARS-CoV-2. <i>Frontiers in Immunology</i> , 2022, 13, 848054.	2.2	0
713	Phenotypic Characterization of a Virulent PRRSV-1 Isolate in a Reproductive Model With and Without Prior Heterologous Modified Live PRRSV-1 Vaccination. <i>Frontiers in Veterinary Science</i> , 2022, 9, 820233.	0.9	8

#	ARTICLE	IF	CITATIONS
714	Epidemiological and Genetic Characteristics of Porcine Reproductive and Respiratory Syndrome Virus in South China Between 2017 and 2021. <i>Frontiers in Veterinary Science</i> , 2022, 9, 853044.	0.9	14
715	Broad antiviral peptides against PRRSV based on novel linear epitopes on porcine CD163. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 635-643.	3.6	4
716	Evolutionary Dynamics of Type 2 Porcine Reproductive and Respiratory Syndrome Virus by Whole-Genome Analysis. <i>Viruses</i> , 2021, 13, 2469.	1.5	10
717	Proteomic Investigation Reveals Eukaryotic Translation Initiation Factor 5A Involvement in Porcine Reproductive and Respiratory Syndrome Virus Infection in vitro. <i>Frontiers in Veterinary Science</i> , 2022, 9, 861137.	0.9	0
718	Maternal immune activation and dietary soy isoflavone supplementation influence pig immune function but not muscle fiber formation. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	1
719	Whole-genome sequencing and genetic characteristics of representative porcine reproductive and respiratory syndrome virus (PRRSV) isolates in Korea. <i>Virology Journal</i> , 2022, 19, 66.	1.4	13
758	A Novel Immunochromatographic Strip Based on Latex Microspheres for the Rapid Detection of North American-Type Porcine Reproductive and Respiratory Syndrome Virus. <i>Frontiers in Microbiology</i> , 2022, 13, 882112.	1.5	1
759	Comparison of virus detection, productivity, and economic performance between lots of growing pigs vaccinated with two doses or one dose of PRRS MLV vaccine, under field conditions. <i>Preventive Veterinary Medicine</i> , 2022, 204, 105669.	0.7	3
760	Activated macrophages of CD 163 gene edited pigs generated by direct cytoplasmic microinjection with CRISPR gRNA/Cas9 mRNA are resistant to PRRS virus assault. <i>Animal Biotechnology</i> , 2023, 34, 4196-4209.	0.7	3
761	Molecular characterization of porcine reproductive and respiratory syndrome virus (PRRSv) identified from slaughtered pigs in northern Uganda. <i>BMC Veterinary Research</i> , 2022, 18, 176.	0.7	2
762	Effect of Killed PRRSV Vaccine on Gut Microbiota Diversity in Pigs. <i>Viruses</i> , 2022, 14, 1081.	1.5	3
763	Recombinant characteristics, pathogenicity, and viral shedding of a novel PRRSV variant derived from twice inter-lineage recombination. <i>Veterinary Microbiology</i> , 2022, 271, 109476.	0.8	6
764	An intermolecular salt bridge linking substrate binding and P1 substrate specificity switch of arterivirus 3C-like proteases. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 3409-3421.	1.9	0
765	PRRSV Infection Induces Gasdermin D-Driven Pyroptosis of Porcine Alveolar Macrophages through NLRP3 Inflammasome Activation. <i>Journal of Virology</i> , 2022, 96, .	1.5	9
766	A Review of Monitoring Techniques for Livestock Respiration and Sounds. <i>Frontiers in Animal Science</i> , 0, 3, .	0.8	3
767	Securing the pig farmgate? Biosecurity, affects and pathological atmospheres. <i>Transactions of the Institute of British Geographers</i> , 2022, 47, 1152-1164.	1.8	2
768	The increase of CD4+CD25+ T cells in the peripheral blood of pigs persistently infected with porcine reproductive and respiratory syndrome virus. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 0, , .	0.2	0
769	Reappraising host cellular factors involved in attachment and entry to develop antiviral strategies against porcine reproductive and respiratory syndrome virus. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1

#	ARTICLE	IF	CITATIONS
770	Toosendanin activates caspase-1 and induces maturation of IL-1 β to inhibit type 2 porcine reproductive and respiratory syndrome virus replication via an IFI16-dependent pathway. <i>Veterinary Research</i> , 2022, 53, .	1.1	3
771	Adapting an Atmospheric Dispersion Model to Assess the Risk of Windborne Transmission of Porcine Reproductive and Respiratory Syndrome Virus between Swine Farms. <i>Viruses</i> , 2022, 14, 1658.	1.5	4
772	The impacts of viral infection and subsequent antimicrobials on the microbiome-resistome of growing pigs. <i>Microbiome</i> , 2022, 10, .	4.9	9
773	Risk Factors and Spatial-Temporal Analysis of Porcine Reproductive and Respiratory Syndrome Seroprevalence in China Before and After African Swine Fever Outbreak. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	4
774	Genomic Analysis of Porcine Reproductive and Respiratory Syndrome Virus 1 Revealed Extensive Recombination and Potential Introduction Events in China. <i>Veterinary Sciences</i> , 2022, 9, 450.	0.6	7
775	Interferon inducible porcine 2 β , 5 β -oligoadenylate synthetase like-1 protein limits porcine reproductive and respiratory syndrome virus 2 infection via the MDA5-mediated interferon-signaling pathway. <i>International Immunopharmacology</i> , 2022, 111, 109151.	1.7	0
776	An integrated magneto-opto-fluidic biosensor for rapid on-chip assay of respiratory viruses of livestock. <i>Lab on A Chip</i> , 2022, 22, 3236-3244.	3.1	3
777	Identification of MHC-I-Presented Porcine Respiratory and Reproductive Syndrome Virus (PRRSV) Peptides Reveals Immunogenic Epitopes within Several Non-Structural Proteins Recognized by CD8+ T Cells. <i>Viruses</i> , 2022, 14, 1891.	1.5	4
778	Genetic diversity of porcine reproductive and respiratory syndrome virus and evaluation of three one-step real-time RT-PCR assays in Korea. <i>BMC Veterinary Research</i> , 2022, 18, .	0.7	3
779	Porcine Reproductive and Respiratory Syndrome virus (PRRSv): A Cross-Sectional Study on ELISA Seronegative, Multivaccinated Sows. <i>Viruses</i> , 2022, 14, 1944.	1.5	8
780	A New Long Noncoding RNA, MAHAT, Inhibits Replication of Porcine Reproductive and Respiratory Syndrome Virus by Recruiting DDX6 To Bind to <i>ZNF34</i> and Promote an Innate Immune Response. <i>Journal of Virology</i> , 2022, 96, .	1.5	4
781	Viral Metagenomics Reveals Diverse Viruses in Tissue Samples of Diseased Pigs. <i>Viruses</i> , 2022, 14, 2048.	1.5	5
782	Using a concurrent challenge with porcine circovirus 2 and porcine reproductive and respiratory syndrome virus to compare swine vaccination programs. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
783	Combining epidemiology and economics to assess control of a viral endemic animal disease: Porcine Reproductive and Respiratory Syndrome (PRRS). <i>PLoS ONE</i> , 2022, 17, e0274382.	1.1	5
784	Immunological evaluation of recombination PRRSV GP3 and GP5 DNA vaccines in vivo. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2
785	Characterization and Pathogenicity of Two Novel PRRSVs Recombined by NADC30-like and NADC34-like Strains in China. <i>Viruses</i> , 2022, 14, 2174.	1.5	9
787	Development of CD163 receptor-based enzyme-linked immunosorbent assay for diagnosis of porcine reproductive and respiratory syndrome virus. <i>3 Biotech</i> , 2022, 12, .	1.1	0
788	The economic impact of porcine reproductive and respiratory syndrome outbreak in four Chinese farms: Based on cost and revenue analysis. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	13

#	ARTICLE	IF	CITATIONS
789	Autophagy induced by Rab1a-ULK1 interaction promotes porcine reproductive and respiratory syndrome virus replication. <i>Virus Research</i> , 2023, 323, 198989.	1.1	1
790	Insight into the Economic Effects of a Severe Korean PRRSV1 Outbreak in a Farrow-to-Nursery Farm. <i>Animals</i> , 2022, 12, 3024.	1.0	4
791	Molecular Characterization of the Nsp2 and ORF5s of PRRSV Strains in Sichuan China during 2012â€“2020. <i>Animals</i> , 2022, 12, 3309.	1.0	12
792	Farm characteristics and seroâ€“prevalence of porcine reproductive and respiratory syndrome virus (PRRSV) antibodies in pigs of Nepal. <i>Veterinary Medicine and Science</i> , 2023, 9, 174-180.	0.6	1
793	HSP27 Interacts with Nonstructural Proteins of Porcine Reproductive and Respiratory Syndrome Virus and Promotes Viral Replication. <i>Pathogens</i> , 2023, 12, 91.	1.2	1
795	PSMB1 Inhibits the Replication of Porcine Reproductive and Respiratory Syndrome Virus by Recruiting NBR1 To Degrade Nonstructural Protein 12 by Autophagy. <i>Journal of Virology</i> , 2023, 97, .	1.5	3
796	A Conserved Stem-Loop Structure within ORF5 Is a Frequent Recombination Hotspot for Porcine Reproductive and Respiratory Syndrome Virus 1 (PRRSV-1) with a Particular Modified Live Virus (MLV) Strain. <i>Viruses</i> , 2023, 15, 258.	1.5	3
797	An assessment of enhanced biosecurity interventions and their impact on porcine reproductive and respiratory syndrome virus outbreaks within a managed group of farrow-to-wean farms, 2020â€“2021. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	3
798	Tylvalosin Tartrate Improves the Health Status of Swine Herds during Immunization with Porcine Reproductive and Respiratory Syndrome Virus-Inactivated Vaccine. <i>Veterinary Sciences</i> , 2023, 10, 12.	0.6	0
799	Evaluation of Intradermal PRRSV MLV Vaccination of Suckling Piglets on Health and Performance Parameters under Field Conditions. <i>Animals</i> , 2023, 13, 61.	1.0	1
800	Glycoprotein Non-Metastatic Melanoma Protein B Restricts PRRSV Replication by Inhibiting Autophagosome-Lysosome Fusion. <i>Viruses</i> , 2023, 15, 920.	1.5	1
801	PCNA promotes PRRSV replication by increasing the synthesis of viral genome. <i>Veterinary Microbiology</i> , 2023, 281, 109741.	0.8	0
802	Simultaneous expression of three reporter proteins from a porcine reproductive and respiratory syndrome virus-based vector. <i>Journal of Virological Methods</i> , 2023, 316, 114711.	1.0	0
803	Assessing the role of sow parity on PRRSV detection by RT-qPCR through weekly processing fluids monitoring in breeding herds. <i>Preventive Veterinary Medicine</i> , 2023, 213, 105854.	0.7	0
804	Follow-Up of PRRSV-Vaccinated Piglets Born from PRRSV-Vaccinated, ELISA-Seropositive and ELISA-Seronegative Sows. <i>Viruses</i> , 2023, 15, 479.	1.5	3
805	Molecular Breeding of Farm Animals through Gene Editing. , 2023, , .		1
806	Metagenomic Approach Reveals the Second Subtype of PRRSV-1 in a Pathogen Spectrum during a Clinical Outbreak with High Mortality in Western Siberia, Russia. <i>Viruses</i> , 2023, 15, 565.	1.5	1
807	Behavior of Wild Pigs toward Conspecific Carcasses: Implications for Disease Transmission in a Hot, Semiarid Climate. <i>Transboundary and Emerging Diseases</i> , 2023, 2023, 1-10.	1.3	2

#	ARTICLE	IF	CITATIONS
808	Porcine Reproductive and Respiratory Syndrome Virus nsp5 Induces Incomplete Autophagy by Impairing the Interaction of STX17 and SNAP29. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	2
809	Porcine Reproductive and Respiratory Syndrome Virus Engineered by Serine Substitution on the 44th Amino Acid of GP5 Resulted in a Potential Vaccine Candidate with the Ability to Produce High Levels of Neutralizing Antibody. <i>Veterinary Sciences</i> , 2023, 10, 191.	0.6	2
810	Evasion strategies of porcine reproductive and respiratory syndrome virus. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	3
811	Codon Pair Deoptimization (CPD)-Attenuated PRRSV-1 Vaccination Exhibit Immunity to Virulent PRRSV Challenge in Pigs. <i>Vaccines</i> , 2023, 11, 777.	2.1	1
812	Comparative analysis of newly identified rodent arteriviruses and porcine reproductive and respiratory syndrome virus to characterize their evolutionary relationships. <i>Frontiers in Veterinary Science</i> , 0, 10, .	0.9	3
813	PRRSV Detection by qPCR on Serum Samples Collected in Due-to-Wean Piglets in Five Positive Stable Breeding Herds Following a Sow Mass Vaccination with a Modified Live Vaccine: A Descriptive Study. <i>Veterinary Sciences</i> , 2023, 10, 294.	0.6	0
814	Identification of a novel linear epitope on the porcine reproductive and respiratory syndrome virus nucleocapsid protein, as recognized by a specific monoclonal antibody. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
815	Molecular Farming Strategy for the Rapid Production of Protein-Based Reagents for Use in Infectious Disease Diagnostics. <i>Planta Medica</i> , 2023, 89, 1010-1020.	0.7	2