En-Min Zhou

List of Publications by Year
in descending order

141 papers	3,043 citations	201674 27 h-index	254184 43 g-index
147 all docs	147 docs citations	147 times ranked	2610 citing authors

#	Article	IF	Citations
1	Precise location of two novel linear epitopes on the receptor-binding domain surface of MERS-CoV spike protein recognized by two different monoclonal antibodies. International Journal of Biological Macromolecules, 2022, 195, 609-619.	7.5	2
2	Antigenic cross-reactivity among human, swine, rabbit and avian hepatitis E virus capsid proteins. Veterinary Microbiology, 2022, 265, 109331.	1.9	0
3	Avian Hepatitis E Virus ORF2 Protein Interacts with Rap1b to Induce Cytoskeleton Rearrangement That Facilitates Virus Internalization. Microbiology Spectrum, 2022, 10, e0226521.	3.0	4
4	Isolation and Genetic Characterization of Parvoviruses From Dogs, Cats, Minks, and Raccoon Dogs in the Eastern Region of Shandong Province, China. Frontiers in Microbiology, 2022, 13, 862352.	3.5	2
5	Ovarian Oxidative Stress Induced Follicle Depletion After Zona Pellucida 3 Vaccination Is Associated With Subfertility in BALB/c Mice. Frontiers in Veterinary Science, 2022, 9, 814827.	2.2	0
6	Identification and pathogenicity of hepatitis E Virus from laboratory Bama miniature pigs. BMC Veterinary Research, 2022, 18, 99.	1.9	2
7	Identification of MYH9 Key Domain Involved in the Entry of PRRSV Into Permissive Cells. Frontiers in Microbiology, 2022, 13, .	3.5	7
8	A nanobodyâ€horseradish peroxidase fusion proteinâ€based competitive ELISA for rapid detection of antibodies against porcine circovirus type 2. Journal of Nanobiotechnology, 2021, 19, 34.	9.1	21
9	Nanobody Nb6 fused with porcine IgG Fc as the delivering tag to inhibit porcine reproductive and respiratory syndrome virus replication in porcine alveolar macrophages. Veterinary Research, 2021, 52, 25.	3.0	7
10	A broadly neutralizing monoclonal antibody induces broad protection against heterogeneous PRRSV strains in piglets. Veterinary Research, 2021, 52, 45.	3.0	9
11	A Double-Antibody Sandwich ELISA for Sensitive and Specific Detection of Swine Fibrinogen-Like Protein 1. Frontiers in Immunology, 2021, 12, 670626.	4.8	3
12	Porcine reproductive and respiratory syndrome virus increases SOCS3 production via activation of p38/AP-1 signaling pathway to promote viral replication. Veterinary Microbiology, 2021, 257, 109075.	1.9	5
13	Vimentin rearrangement by phosphorylation is beneficial for porcine reproductive and respiratory syndrome virus replication in vitro. Veterinary Microbiology, 2021, 259, 109133.	1.9	10
14	Clostridium butyricum Supplement Can Ameliorate the Intestinal Barrier Roles in Broiler Chickens Experimentally Infected With Clostridium perfringens. Frontiers in Physiology, 2021, 12, 737481.	2.8	8
15	Development of a Nanobody-Based Competitive Enzyme-Linked Immunosorbent Assay for Efficiently and Specifically Detecting Antibodies against Genotype 2 Porcine Reproductive and Respiratory Syndrome Viruses. Journal of Clinical Microbiology, 2021, 59, e0158021.	3.9	12
16	Development of a competitive ELISA for detecting antibodies against genotype 1 hepatitis E virus. Applied Microbiology and Biotechnology, 2021, 105, 8505-8516.	3.6	0
17	Cell Division Control Protein 42 Interacts With Hepatitis E Virus Capsid Protein and Participates in Hepatitis E Virus Infection. Frontiers in Microbiology, 2021, 12, 775083.	3.5	4
18	Major Vault Protein Inhibits Porcine Reproductive and Respiratory Syndrome Virus Infection in CRL2843CD163 Cell Lines and Primary Porcine Alveolar Macrophages. Viruses, 2021, 13, 2267.	3.3	0

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19	MYH9 Key Amino Acid Residues Identified by the Anti-Idiotypic Antibody to Porcine Reproductive and Respiratory Syndrome Virus Glycoprotein 5 Involve in the Virus Internalization by Porcine Alveolar Macrophages. Viruses, 2020, 12, 40.	3.3	15
20	Co-infection with avian hepatitis E virus and avian leukosis virus subgroup J as the cause of an outbreak of hepatitis and liver hemorrhagic syndromes in a brown layer chicken flock in China. Poultry Science, 2020, 99, 1287-1296.	3.4	13
21	Effects of PRRSV Infection on the Porcine Thymus. Trends in Microbiology, 2020, 28, 212-223.	7.7	32
22	Nanobodyâ€'horseradish peroxidase and -EGFP fusions as reagents to detect porcine parvovirus in the immunoassays. Journal of Nanobiotechnology, 2020, 18, 7.	9.1	25
23	Interferon-Induced Transmembrane Protein 3 Is a Virus-Associated Protein Which Suppresses Porcine Reproductive and Respiratory Syndrome Virus Replication by Blocking Viral Membrane Fusion. Journal of Virology, 2020, 94, .	3.4	19
24	Structural Characterization of Non-structural Protein 9 Complexed With Specific Nanobody Pinpoints Two Important Residues Involved in Porcine Reproductive and Respiratory Syndrome Virus Replication. Frontiers in Microbiology, 2020, 11, 581856.	3.5	8
25	Development of a double monoclonal antibodyâ€"based sandwich enzyme-linked immunosorbent assay for detecting canine distemper virus. Applied Microbiology and Biotechnology, 2020, 104, 10725-10735.	3.6	17
26	A single dose glycoprotein D-based subunit vaccine against pseudorabies virus infection. Vaccine, 2020, 38, 6153-6161.	3.8	20
27	Spatiotemporal regulation of ubiquitin-mediated protein degradation via upconversion optogenetic nanosystem. Nano Research, 2020, 13, 3253-3260.	10.4	4
28	Porcine Reproductive and Respiratory Syndrome Virus Promotes SLA-DR-Mediated Antigen Presentation of Nonstructural Proteins To Evoke a Nonneutralizing Antibody Response In Vivo. Journal of Virology, 2020, 94, .	3.4	10
29	Amplicon-Based Detection and Sequencing of SARS-CoV-2 in Nasopharyngeal Swabs from Patients With COVID-19 and Identification of Deletions in the Viral Genome That Encode Proteins Involved in Interferon Antagonism. Viruses, 2020, 12, 1164.	3.3	51
30	Interferon Inducing Porcine Reproductive and Respiratory Syndrome Virus Vaccine Candidate Protected Piglets from HP-PRRSV Challenge and Evoke a Higher Level of Neutralizing Antibodies Response. Vaccines, 2020, 8, 490.	4.4	5
31	Fenobody and RANbody-based sandwich enzyme-linked immunosorbent assay to detect Newcastle disease virus. Journal of Nanobiotechnology, 2020, 18, 44.	9.1	19
32	Evaluation of Duration of Immunogenicity and Protective Efficacy of Improved Influenza Viral Vectorâ€"Based Brucella abortus Vaccine Against Brucella melitensis Infection in Sheep and Goats. Frontiers in Veterinary Science, 2020, 7, 58.	2.2	3
33	A Plant-Produced Recombinant Fusion Protein-Based Newcastle Disease Subunit Vaccine and Rapid Differential Diagnosis Platform. Vaccines, 2020, 8, 122.	4.4	14
34	miRâ€'382â€'5p promotes porcine reproductive and respiratory syndrome virus (PRRSV) replication by negatively regulating the induction of type I interferon. FASEB Journal, 2020, 34, 4497-4511.	0.5	15
35	Broad neutralization activity against both PRRSV-1 and PRRSV-2 and enhancement of cell mediated immunity against PRRSV by a novel IgM monoclonal antibody. Antiviral Research, 2020, 175, 104716.	4.1	14
36	Identification and pathogenicity of a novel genotype avian hepatitis E virus from silkie fowl (gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	15

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37	Synthetic Peptides Containing Three Neutralizing Epitopes of Genotype 4 Swine Hepatitis E Virus ORF2 induced Protection against Swine HEV Infection in Rabbit. Vaccines, 2020, 8, 178.	4.4	7
38	Porcine Reproductive and Respiratory Syndrome Virus Enhances Self-Replication via AP-1â€“Dependent Induction of SOCS1. Journal of Immunology, 2020, 204, 394-407.	0.8	24
39	Prevalence of hepatitis E virus (<scp>HEV</scp>) infection in various pig farms from Shaanxi Province, China: First detection of <scp>HEV RNA</scp> in pig semen. Transboundary and Emerging Diseases, 2019, 66, 72-82.	3.0	21
40	Avian Hepatitis E Virus: With the Trend of Genotypes and Host Expansion. Frontiers in Microbiology, 2019, 10, 1696.	3.5	20
41	Fluorescence resonance energy transfer combined with asymmetric PCR for broad and sensitive detection of porcine reproductive and respiratory syndrome virus 2. Journal of Virological Methods, 2019, 272, 113710.	2.1	4
42	MYH9 Aggregation Induced by Direct Interaction With PRRSV GP5 Ectodomain Facilitates Viral Internalization by Permissive Cells. Frontiers in Microbiology, 2019, 10, 2313.	3.5	19
43	Direct Interaction Between CD163 N-Terminal Domain and MYH9 C-Terminal Domain Contributes to Porcine Reproductive and Respiratory Syndrome Virus Internalization by Permissive Cells. Frontiers in Microbiology, 2019, 10, 1815.	3.5	17
44	The 40 kDa Linear Polyethylenimine Inhibits Porcine Reproductive and Respiratory Syndrome Virus Infection by Blocking Its Attachment to Permissive Cells. Viruses, 2019, 11, 876.	3.3	12
45	GroEL gene typing and genetic diversity of Anaplasma bovis in ticks in Shaanxi, China. Infection, Genetics and Evolution, 2019, 74, 103927.	2.3	9
46	Nonmuscle Myosin Heavy Chain IIA Recognizes Sialic Acids on Sialylated RNA Viruses To Suppress Proinflammatory Responses via the DAP12-Syk Pathway. MBio, 2019, 10, .	4.1	32
47	Molecular identification and characterization of Anaplasma capra and Anaplasma platys-like in Rhipicephalus microplus in Ankang, Northwest China. BMC Infectious Diseases, 2019, 19, 434.	2.9	41
48	Chicken Organic Anion-Transporting Polypeptide 1A2, a Novel Avian Hepatitis E Virus (HEV) ORF2-Interacting Protein, Is Involved in Avian HEV Infection. Journal of Virology, 2019, 93, .	3.4	5
49	Nanobody-horseradish peroxidase fusion protein as an ultrasensitive probe to detect antibodies against Newcastle disease virus in the immunoassay. Journal of Nanobiotechnology, 2019, 17, 35.	9.1	47
50	Development of a monoclonal antibody against swine leukocyte antigen (SLA)-DR Î± chain and evaluation of SLA-DR expression in bone marrow-derived dendritic cells after PRRSV infection. Veterinary Immunology and Immunopathology, 2019, 211, 19-24.	1.2	6
51	Molecular detection of spotted fever group rickettsiae in hard ticks, northern China. Transboundary and Emerging Diseases, 2019, 66, 1587-1596.	3.0	32
52	IFI16 Inhibits Porcine Reproductive and Respiratory Syndrome Virus 2 Replication in a MAVS-Dependent Manner in MARC-145 Cells. Viruses, 2019, 11, 1160.	3.3	24
53	Biotinylated Single-Domain Antibody-Based Blocking ELISA for Detection of Antibodies Against Swine Influenza Virus . International Journal of Nanomedicine, 2019, Volume 14, 9337-9349.	6.7	16
54	A Nanobody Targeting Viral Nonstructural Protein 9 Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication. Journal of Virology, 2019, 93, .	3.4	21

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55	Experimental infection of rabbit with swine-derived hepatitis E virus genotype 4. Veterinary Microbiology, 2019, 229, 168-175.	1.9	14
56	Cellular microRNA miR-c89 inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor porcine retinoid X receptor Î². Journal of General Virology, 2019, 100, 1407-1416.	2.9	9
57	Characterization of Three Novel Linear Neutralizing B-Cell Epitopes in the Capsid Protein of Swine Hepatitis E Virus. Journal of Virology, 2018, 92, .	3.4	18
58	Past, present and future of hepatitis E virus infection: Zoonotic perspectives. Microbial Pathogenesis, 2018, 119, 103-108.	2.9	18
59	Identification of the RNA Pseudoknot within the 3â€² End of the Porcine Reproductive and Respiratory Syndrome Virus Genome as a Pathogen-Associated Molecular Pattern To Activate Antiviral Signaling via RIG-I and Toll-Like Receptor 3. Journal of Virology, 2018, 92, .	3.4	25
60	Live recombinant Lactococcuslactis expressing avian hepatitis virus ORF2 protein: Immunoprotection against homologous virus challenge in chickens. Vaccine, 2018, 36, 1108-1115.	3.8	11
61	Avian hepatitis E virus infection of duck, goose, and rabbit in northwest China. Emerging Microbes and Infections, 2018, 7, 1-3.	6.5	13
62	Porcine reproductive and respiratory syndrome virus inhibits MARC-145 proliferation via inducing apoptosis and G2/M arrest by activation of Chk/Cdc25C and p53/p21 pathway. Virology Journal, 2018, 15, 169.	3.4	19
63	Platycodin D Suppresses Type 2 Porcine Reproductive and Respiratory Syndrome Virus In Primary and Established Cell Lines. Viruses, 2018, 10, 657.	3.3	23
64	Development of luciferase-linked antibody capture assay based on luciferase immunoprecipitation systems for antibody detection of porcine reproductive and respiratory syndrome virus. BMC Biotechnology, 2018, 18, 73.	3.3	9
65	Human-pathogenic Anaplasma spp., and Rickettsia spp. in animals in Xiâ€™an, China. PLoS Neglected Tropical Diseases, 2018, 12, e0006916.	3.0	42
66	Cross-species infection of mice by rabbit hepatitis E virus. Veterinary Microbiology, 2018, 225, 48-52.	1.9	13
67	Clover-tagged porcine reproductive and respiratory syndrome virus infectious clones for rapid detection of virus neutralizing antibodies. Journal of Virological Methods, 2018, 259, 100-105.	2.1	6
68	Vaccine Development against Zoonotic Hepatitis E Virus: Open Questions and Remaining Challenges. Frontiers in Microbiology, 2018, 9, 266.	3.5	24
69	Trigger factor assisted self-assembly of canine parvovirus VP2 protein into virus-like particles in Escherichia coli with high immunogenicity. Virology Journal, 2018, 15, 103.	3.4	8
70	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.	1.9	3
71	Recombinant MYH9 protein C-terminal domain blocks porcine reproductive and respiratory syndrome virus internalization by direct interaction with viral glycoprotein 5. Antiviral Research, 2018, 156, 10-20.	4.1	30
72	Porcine parvovirus capsid protein expressed in Escherichia coli self-assembles into virus-like particles with high immunogenicity in mice and guinea pigs. Antiviral Research, 2017, 139, 146-152.	4.1	31

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73	Rabbit hepatitis E virus is an opportunistic pathogen in specific-pathogen-free rabbits with the capability of cross-species transmission. Veterinary Microbiology, 2017, 201, 72-77.	1.9	19
74	A high-temperature passaging attenuated Pseudorabies vaccine protects piglets completely against emerging PRV variant. Research in Veterinary Science, 2017, 112, 109-115.	1.9	13
75	Heme oxygenase-1 metabolite biliverdin, not iron, inhibits porcine reproductive and respiratory syndrome virus replication. Free Radical Biology and Medicine, 2017, 102, 149-161.	2.9	23
76	Evaluation of recombinant Chinese avian hepatitis E virus (CaHEV) ORF2 and ORF3 proteins for protection of chickens against CaHEV infection. Vaccine, 2017, 35, 3482-3489.	3.8	15
77	Decreased egg production in laying hens associated with infection with genotype 3 avian hepatitis E virus strain from China. Veterinary Microbiology, 2017, 203, 174-180.	1.9	21
78	Mareká€™s disease virus type 1 encoded analog of miR-155 promotes proliferation of chicken embryo fibroblast and DF-1 cells by targeting hnRNPAB. Veterinary Microbiology, 2017, 207, 210-218.	1.9	16
79	Antiviral Strategies against PRRSV Infection. Trends in Microbiology, 2017, 25, 968-979.	7.7	102
80	Carbon Monoxide Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication by the Cyclic GMP/Protein Kinase G and NF-Î¹B Signaling Pathway. Journal of Virology, 2017, 91, .	3.4	55
81	Improved Vaccine against PRRSV: Current Progress and Future Perspective. Frontiers in Microbiology, 2017, 8, 1635.	3.5	162
82	Zoonotic Hepatitis E Virus: An Ignored Risk for Public Health. Frontiers in Microbiology, 2017, 8, 2396.	3.5	62
83	Generation of murine macrophage-derived cell lines expressing porcine CD163 that support porcine reproductive and respiratory syndrome virus infection. BMC Biotechnology, 2017, 17, 77.	3.3	18
84	Effect of housing arrangement on fecal-oral transmission of avian hepatitis E virus in chicken flocks. BMC Veterinary Research, 2017, 13, 282.	1.9	9
85	Curcumin is a promising inhibitor of genotype 2 porcine reproductive and respiratory syndrome virus infection. BMC Veterinary Research, 2017, 13, 298.	1.9	31
86	Nanoparticle orientationally displayed antigen epitopes improve neutralizing antibody level in a model of porcine circovirus type 2. International Journal of Nanomedicine, 2017, Volume 12, 5239-5254.	6.7	19
87	Development of an immunochromatographic strip for detection of antibodies against porcine reproductive and respiratory syndrome virus. Journal of Veterinary Science, 2017, 18, 307.	1.3	16
88	Carbon monoxide and biliverdin suppress bovine viral diarrhoea virus replication. Journal of General Virology, 2017, 98, 2982-2992.	2.9	16
89	Suppression of Virulent Porcine Epidemic Diarrhea Virus Proliferation by the PI3K/Akt/GSK-3Î±/Î² Pathway. PLoS ONE, 2016, 11, e0161508.	2.5	33
90	Molecular characterization of new described kobuvirus in dogs with diarrhea in China. SpringerPlus, 2016, 5, 2047.	1.2	14

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91	Immune responses to modified live virus vaccines developed from classical or highly pathogenic PRRSV following challenge with a highly pathogenic PRRSV strain. Developmental and Comparative Immunology, 2016, 62, 1-7.	2.3	25
92	Monoclonal Antibody to Bone Marrow Stromal Cell Antigen 2 Protein of Swine. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 172-176.	1.6	6
93	MiR-22 promotes porcine reproductive and respiratory syndrome virus replication by targeting the host factor HO-1. Veterinary Microbiology, 2016, 192, 226-230.	1.9	23
94	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. Scientific Reports, 2016, 6, 25120.	3.3	78
95	MicroRNA let-7f-5p Inhibits Porcine Reproductive and Respiratory Syndrome Virus by Targeting MYH9. Scientific Reports, 2016, 6, 34332.	3.3	28
96	Seroprevalence of avian hepatitis E virus and avian leucosis virus subgroup J in chicken flocks with hepatitis syndrome, China. BMC Veterinary Research, 2016, 12, 261.	1.9	13
97	Synthetic Toll-like receptor 7 ligand inhibits porcine reproductive and respiratory syndrome virus infection in primary porcine alveolar macrophages. Antiviral Research, 2016, 131, 9-18.	4.1	22
98	Porcine Reproductive and Respiratory Syndrome Virus Nucleocapsid Protein Interacts with Nsp9 and Cellular DHX9 To Regulate Viral RNA Synthesis. Journal of Virology, 2016, 90, 5384-5398.	3.4	54
99	Intracellularly expressed nanobodies against non-structural protein 4 of porcine reproductive and respiratory syndrome virus inhibit virus replication. Biotechnology Letters, 2016, 38, 1081-1088.	2.2	16
100	Genome sequencing and analysis of a novel recombinant porcine epidemic diarrhea virus strain from Henan, China. Virus Genes, 2016, 52, 91-98.	1.6	50
101	Characterization of the Interactome of the Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 2 Reveals the Hyper Variable Region as a Binding Platform for Association with 14â€“3â€“3 Proteins. Journal of Proteome Research, 2016, 15, 1388-1401.	3.7	13
102	On-Chip Construction of Liver Lobule-like Microtissue and Its Application for Adverse Drug Reaction Assay. Analytical Chemistry, 2016, 88, 1719-1727.	6.5	98
103	Highly pathogenic porcine reproductive and respiratory syndrome virus infection and induction of apoptosis in bone marrow cells of infected piglets. Journal of General Virology, 2016, 97, 1356-1361.	2.9	23
104	A Novel Blocking ELISA for Detection of Antibodies against Hepatitis E Virus in Domestic Pigs. PLoS ONE, 2016, 11, e0152639.	2.5	9
105	MicroRNA-like viral small RNA from porcine reproductive and respiratory syndrome virus negatively regulates viral replication by targeting the viral nonstructural protein 2. Oncotarget, 2016, 7, 82902-82920.	1.8	3
106	Heme Oxygenase-1 Suppresses Bovine Viral Diarrhoea Virus Replication in vitro. Scientific Reports, 2015, 5, 15575.	3.3	17
107	Intracellular expression of an anti-idiotypic antibody single-chain variable fragment reduces porcine reproductive and respiratory syndrome virus infection in MARC-145 cells. Antiviral Therapy, 2015, 21, 161-170.	1.0	3
108	Intranasal inoculation of sows with highly pathogenic porcine reproductive and respiratory syndrome virus at mid-gestation causes transplacental infection of fetuses. Veterinary Research, 2015, 46, 142.	3.0	4

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109	Rescue and evaluation of a recombinant PRRSV expressing porcine Interleukin-4. Virology Journal, 2015, 12, 185.	3.4	19
110	Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Infection Induced Apoptosis and Autophagy in Thymi of Infected Piglets. PLoS ONE, 2015, 10, e0128292.	2.5	42
111	An intracellularly expressed Nsp9-specific nanobody in MARC-145 cells inhibits porcine reproductive and respiratory syndrome virus replication. Veterinary Microbiology, 2015, 181, 252-260.	1.9	53
112	Resolution of the cellular proteome of the nucleocapsid protein from a highly pathogenic isolate of porcine reproductive and respiratory syndrome virus identifies PARP-1 as a cellular target whose interaction is critical for virus biology. Veterinary Microbiology, 2015, 176, 109-119.	1.9	26
113	MicroRNA miR-24-3p Promotes Porcine Reproductive and Respiratory Syndrome Virus Replication through Suppression of Heme Oxygenase-1 Expression. Journal of Virology, 2015, 89, 4494-4503.	3.4	76
114	Glycoprotein 5 of porcine reproductive and respiratory syndrome virus strain SD16 inhibits viral replication and causes G2/M cell cycle arrest, but does not induce cellular apoptosis in Marc-145 cells. Virology, 2015, 484, 136-145.	2.4	20
115	Distribution of highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV) in different stages of gestation sows. Veterinary Immunology and Immunopathology, 2015, 166, 88-94.	1.2	13
116	Characterization of Two Novel Linear B-Cell Epitopes in the Capsid Protein of Avian Hepatitis E Virus (HEV) That Are Common to Avian, Swine, and Human HEVs. Journal of Virology, 2015, 89, 5491-5501.	3.4	30
117	Development and evaluation of a SYBR Green real-time RT-PCR assay for detection of avian hepatitis E virus. BMC Veterinary Research, 2015, 11, 195.	1.9	16
118	Immune responses of pigs immunized with a recombinant porcine reproductive and respiratory syndrome virus expressing porcine GM-CSF. Veterinary Immunology and Immunopathology, 2015, 168, 40-48.	1.2	17
119	Antigenic properties of avian hepatitis E virus capsid protein. Veterinary Microbiology, 2015, 180, 10-14.	1.9	16
120	Single-chain anti-idiotypic antibody retains its specificity to porcine reproductive and respiratory syndrome virus GP5. Immunology Letters, 2015, 163, 8-13.	2.5	3
121	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
122	Identification of an antigenic domain in the N-terminal region of avian hepatitis E virus (HEV) capsid protein that is not common to swine and human HEVs. Journal of General Virology, 2014, 95, 2710-2715.	2.9	8
123	GP5 expression in Marc-145 cells inhibits porcine reproductive and respiratory syndrome virus infection by inducing beta interferon activity. Veterinary Microbiology, 2014, 174, 409-418.	1.9	9
124	Comparative analysis of apoptotic changes in peripheral immune organs and lungs following experimental infection of piglets with highly pathogenic and classical porcine reproductive and respiratory syndrome virus. Virology Journal, 2014, 11, 2.	3.4	30
125	Anti-idiotypic antibodies reduce efficacy of the attenuated vaccine against highly pathogenic PRRSV challenge. BMC Veterinary Research, 2014, 10, 39.	1.9	10
126	Heme oxygenase-1 acts as an antiviral factor for porcine reproductive and respiratory syndrome virus infection and over-expression inhibits virus replication in vitro. Antiviral Research, 2014, 110, 60-69.	4.1	53

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127	Development of a blocking ELISA for detection of antibodies against avian hepatitis E virus. Journal of Virological Methods, 2014, 204, 1-5.	2.1	16
128	Genetic characterization and serological prevalence of swine hepatitis E virus in Shandong province, China. Veterinary Microbiology, 2014, 172, 415-424.	1.9	22
129	Development and application of an indirect ELISA for detection of antibodies against avian hepatitis E virus. Journal of Virological Methods, 2013, 187, 32-36.	2.1	32
130	Characterization of antigenic domains and epitopes in the ORF3 protein of a Chinese isolate of avian hepatitis E virus. Veterinary Microbiology, 2013, 167, 242-249.	1.9	10
131	PK-15cells transfected with porcine CD163 by PiggyBac transposon system are susceptible to porcine reproductive and respiratory syndrome virus. Journal of Virological Methods, 2013, 193, 383-390.	2.1	42
132	A novel porcine reproductive and respiratory syndrome virus vector system that stably expresses enhanced green fluorescent protein as a separate transcription unit. Veterinary Research, 2013, 44, 104.	3.0	60
133	Complete Genome Sequence of a Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Variant. Journal of Virology, 2012, 86, 8906-8906.	3.4	9
134	Immune responses in piglets infected with highly pathogenic porcine reproductive and respiratory syndrome virus. Veterinary Immunology and Immunopathology, 2011, 142, 170-178.	1.2	61
135	Analysis of epitopes in the capsid protein of avian hepatitis E virus by using monoclonal antibodies. Journal of Virological Methods, 2011, 171, 374-380.	2.1	24
136	Dynamic Changes in Inflammatory Cytokines in Pigs Infected with Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. Vaccine Journal, 2010, 17, 1439-1445.	3.1	78
137	Generation of internal image monoclonal anti-idiotypic antibodies against idiotypic antibodies to GP5 antigen of porcine reproductive and respiratory syndrome virus. Journal of Virological Methods, 2008, 149, 300-308.	2.1	14
138	Idiotypes and anti-idiotypic antibodies: a review. Comparative Clinical Pathology, 2006, 14, 171-178.	0.7	7
139	Induction of auto-anti-idiotypic antibodies specific for antibodies to matrix and envelope glycoprotein from pigs experimentally infected with porcine reproductive and respiratory syndrome virus. Veterinary Immunology and Immunopathology, 2004, 101, 49-59.	1.2	8
140	Identification and characterization of auto-anti-idiotypic antibodies specific for antibodies against porcine reproductive and respiratory syndrome virus envelope glycoprotein (GP5). Veterinary Immunology and Immunopathology, 2003, 92, 125-135.	1.2	11
141	Biological Mimicry of the Bluetongue Virus Core Protein VP7 by Rabbit Antiâ€idiotype. Microbiology and Immunology, 1996, 40, 435-441.	1.4	2