

En-Min Zhou

List of Publications by Year in descending order

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papers

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citations

201385

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147
times ranked

2610
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#	ARTICLE	IF	CITATIONS
1	Improved Vaccine against PRRSV: Current Progress and Future Perspective. <i>Frontiers in Microbiology</i> , 2017, 8, 1635.	1.5	162
2	Antiviral Strategies against PRRSV Infection. <i>Trends in Microbiology</i> , 2017, 25, 968-979.	3.5	102
3	On-Chip Construction of Liver Lobule-like Microtissue and Its Application for Adverse Drug Reaction Assay. <i>Analytical Chemistry</i> , 2016, 88, 1719-1727.	3.2	98
4	Dynamic Changes in Inflammatory Cytokines in Pigs Infected with Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. <i>Vaccine Journal</i> , 2010, 17, 1439-1445.	3.2	78
5	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Scientific Reports</i> , 2016, 6, 25120.	1.6	78
6	MicroRNA miR-24-3p Promotes Porcine Reproductive and Respiratory Syndrome Virus Replication through Suppression of Heme Oxygenase-1 Expression. <i>Journal of Virology</i> , 2015, 89, 4494-4503.	1.5	76
7	Zoonotic Hepatitis E Virus: An Ignored Risk for Public Health. <i>Frontiers in Microbiology</i> , 2017, 8, 2396.	1.5	62
8	Immune responses in piglets infected with highly pathogenic porcine reproductive and respiratory syndrome virus. <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 170-178.	0.5	61
9	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
10	Carbon Monoxide Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication by the Cyclic GMP/Protein Kinase G and NF- κ B Signaling Pathway. <i>Journal of Virology</i> , 2017, 91, .	1.5	55
11	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
12	Heme oxygenase-1 acts as an antiviral factor for porcine reproductive and respiratory syndrome virus infection and over-expression inhibits virus replication in vitro. <i>Antiviral Research</i> , 2014, 110, 60-69.	1.9	53
13	An intracellularly expressed Nsp9-specific nanobody in MARC-145 cells inhibits porcine reproductive and respiratory syndrome virus replication. <i>Veterinary Microbiology</i> , 2015, 181, 252-260.	0.8	53
14	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. <i>Viruses</i> , 2020, 12, 1164.	1.5	51
15	Genome sequencing and analysis of a novel recombinant porcine epidemic diarrhea virus strain from Henan, China. <i>Virus Genes</i> , 2016, 52, 91-98.	0.7	50
16	Nanobody-horseradish peroxidase fusion protein as an ultrasensitive probe to detect antibodies against Newcastle disease virus in the immunoassay. <i>Journal of Nanobiotechnology</i> , 2019, 17, 35.	4.2	47
17	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
18	Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Infection Induced Apoptosis and Autophagy in Thymi of Infected Piglets. <i>PLoS ONE</i> , 2015, 10, e0128292.	1.1	42

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19	Human-pathogenic <i>Anaplasma</i> spp., and <i>Rickettsia</i> spp. in animals in Xi'an, China. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006916.	1.3	42
20	Molecular identification and characterization of <i>Anaplasma capra</i> and <i>Anaplasma platys</i> -like in <i>Rhipicephalus microplus</i> in Ankang, Northwest China. <i>BMC Infectious Diseases</i> , 2019, 19, 434.	1.3	41
21	Suppression of Virulent Porcine Epidemic Diarrhea Virus Proliferation by the PI3K/Akt/GSK-3 β /I χ 2 Pathway. <i>PLoS ONE</i> , 2016, 11, e0161508.	1.1	33
22	Development and application of an indirect ELISA for detection of antibodies against avian hepatitis E virus. <i>Journal of Virological Methods</i> , 2013, 187, 32-36.	1.0	32
23	Nonmuscle Myosin Heavy Chain IIA Recognizes Sialic Acids on Sialylated RNA Viruses To Suppress Proinflammatory Responses via the DAP12-Syk Pathway. <i>MBio</i> , 2019, 10, .	1.8	32
24	Molecular detection of spotted fever group rickettsiae in hard ticks, northern China. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1587-1596.	1.3	32
25	Effects of PRRSV Infection on the Porcine Thymus. <i>Trends in Microbiology</i> , 2020, 28, 212-223.	3.5	32
26	Porcine parvovirus capsid protein expressed in <i>Escherichia coli</i> self-assembles into virus-like particles with high immunogenicity in mice and guinea pigs. <i>Antiviral Research</i> , 2017, 139, 146-152.	1.9	31
27	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
28	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. <i>Virology Journal</i> , 2014, 11, 2.	1.4	30
29	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. <i>Journal of Virology</i> , 2015, 89, 5491-5501.	1.5	30
30	Recombinant MYH9 protein C-terminal domain blocks porcine reproductive and respiratory syndrome virus internalization by direct interaction with viral glycoprotein 5. <i>Antiviral Research</i> , 2018, 156, 10-20.	1.9	30
31	MicroRNA let-7f-5p Inhibits Porcine Reproductive and Respiratory Syndrome Virus by Targeting MYH9. <i>Scientific Reports</i> , 2016, 6, 34332.	1.6	28
32	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. <i>Veterinary Microbiology</i> , 2015, 176, 109-119.	0.8	26
33	Immune responses to modified live virus vaccines developed from classical or highly pathogenic PRRSV following challenge with a highly pathogenic PRRSV strain. <i>Developmental and Comparative Immunology</i> , 2016, 62, 1-7.	1.0	25
34	Identification of the RNA Pseudoknot within the 3' 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. <i>Journal of Virology</i> , 2018, 92, .	1.5	25
35	Nanobody-horseradish peroxidase and -EGFP fusions as reagents to detect porcine parvovirus in the immunoassays. <i>Journal of Nanobiotechnology</i> , 2020, 18, 7.	4.2	25
36	Analysis of epitopes in the capsid protein of avian hepatitis E virus by using monoclonal antibodies. <i>Journal of Virological Methods</i> , 2011, 171, 374-380.	1.0	24

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37	Vaccine Development against Zoonotic Hepatitis E Virus: Open Questions and Remaining Challenges. <i>Frontiers in Microbiology</i> , 2018, 9, 266.	1.5	24
38	IFI16 Inhibits Porcine Reproductive and Respiratory Syndrome Virus 2 Replication in a MAVS-Dependent Manner in MARC-145 Cells. <i>Viruses</i> , 2019, 11, 1160.	1.5	24
39	Porcine Reproductive and Respiratory Syndrome Virus Enhances Self-Replication via AP-1-Dependent Induction of SOCS1. <i>Journal of Immunology</i> , 2020, 204, 394-407.	0.4	24
40	MiR-22 promotes porcine reproductive and respiratory syndrome virus replication by targeting the host factor HO-1. <i>Veterinary Microbiology</i> , 2016, 192, 226-230.	0.8	23
41	Heme oxygenase-1 metabolite biliverdin, not iron, inhibits porcine reproductive and respiratory syndrome virus replication. <i>Free Radical Biology and Medicine</i> , 2017, 102, 149-161.	1.3	23
42	Platycodin D Suppresses Type 2 Porcine Reproductive and Respiratory Syndrome Virus In Primary and Established Cell Lines. <i>Viruses</i> , 2018, 10, 657.	1.5	23
43	Highly pathogenic porcine reproductive and respiratory syndrome virus infection and induction of apoptosis in bone marrow cells of infected piglets. <i>Journal of General Virology</i> , 2016, 97, 1356-1361.	1.3	23
44	Genetic characterization and serological prevalence of swine hepatitis E virus in Shandong province, China. <i>Veterinary Microbiology</i> , 2014, 172, 415-424.	0.8	22
45	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
46	Decreased egg production in laying hens associated with infection with genotype 3 avian hepatitis E virus strain from China. <i>Veterinary Microbiology</i> , 2017, 203, 174-180.	0.8	21
47	Prevalence of hepatitis E virus (HEV) infection in various pig farms from Shaanxi Province, China: First detection of HEV RNA in pig semen. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 72-82.	1.3	21
48	A Nanobody Targeting Viral Nonstructural Protein 9 Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication. <i>Journal of Virology</i> , 2019, 93, .	1.5	21
49	A nanobody-horseradish peroxidase fusion protein-based competitive ELISA for rapid detection of antibodies against porcine circovirus type 2. <i>Journal of Nanobiotechnology</i> , 2021, 19, 34.	4.2	21
50	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. <i>Virology</i> , 2015, 484, 136-145.	1.1	20
51	Avian Hepatitis E Virus: With the Trend of Genotypes and Host Expansion. <i>Frontiers in Microbiology</i> , 2019, 10, 1696.	1.5	20
52	A single dose glycoprotein D-based subunit vaccine against pseudorabies virus infection. <i>Vaccine</i> , 2020, 38, 6153-6161.	1.7	20
53	Rescue and evaluation of a recombinant PRRSV expressing porcine Interleukin-4. <i>Virology Journal</i> , 2015, 12, 185.	1.4	19
54	Rabbit hepatitis E virus is an opportunistic pathogen in specific-pathogen-free rabbits with the capability of cross-species transmission. <i>Veterinary Microbiology</i> , 2017, 201, 72-77.	0.8	19

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55	Nanoparticle orientationally displayed antigen epitopes
improve neutralizing antibody level in a model of porcine circovirus type 2. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5239-5254.	3.3	19
56	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. <i>Virology Journal</i> , 2018, 15, 169.	1.4	19
57	MYH9 Aggregation Induced by Direct Interaction With PRRSV GP5 Ectodomain Facilitates Viral Internalization by Permissive Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 2313.	1.5	19
58	Interferon-Induced Transmembrane Protein 3 Is a Virus-Associated Protein Which Suppresses Porcine Reproductive and Respiratory Syndrome Virus Replication by Blocking Viral Membrane Fusion. <i>Journal of Virology</i> , 2020, 94, .	1.5	19
59	Fenobody and RANbody-based sandwich enzyme-linked immunosorbent assay to detect Newcastle disease virus. <i>Journal of Nanobiotechnology</i> , 2020, 18, 44.	4.2	19
60	Generation of murine macrophage-derived cell lines expressing porcine CD163 that support porcine reproductive and respiratory syndrome virus infection. <i>BMC Biotechnology</i> , 2017, 17, 77.	1.7	18
61	Characterization of Three Novel Linear Neutralizing B-Cell Epitopes in the Capsid Protein of Swine Hepatitis E Virus. <i>Journal of Virology</i> , 2018, 92, .	1.5	18
62	Past, present and future of hepatitis E virus infection: Zoonotic perspectives. <i>Microbial Pathogenesis</i> , 2018, 119, 103-108.	1.3	18
63	Heme Oxygenase-1 Suppresses Bovine Viral Diarrhoea Virus Replication in vitro. <i>Scientific Reports</i> , 2015, 5, 15575.	1.6	17
64	Immune responses of pigs immunized with a recombinant porcine reproductive and respiratory syndrome virus expressing porcine GM-CSF. <i>Veterinary Immunology and Immunopathology</i> , 2015, 168, 40-48.	0.5	17
65	Direct Interaction Between CD163 N-Terminal Domain and MYH9 C-Terminal Domain Contributes to Porcine Reproductive and Respiratory Syndrome Virus Internalization by Permissive Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 1815.	1.5	17
66	Development of a double monoclonal antibodyâ€based sandwich enzyme-linked immunosorbent assay for detecting canine distemper virus. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10725-10735.	1.7	17
67	Development of a blocking ELISA for detection of antibodies against avian hepatitis E virus. <i>Journal of Virological Methods</i> , 2014, 204, 1-5.	1.0	16
68	Development and evaluation of a SYBR Green real-time RT-PCR assay for detection of avian hepatitis E virus. <i>BMC Veterinary Research</i> , 2015, 11, 195.	0.7	16
69	Antigenic properties of avian hepatitis E virus capsid protein. <i>Veterinary Microbiology</i> , 2015, 180, 10-14.	0.8	16
70	Intracellularly expressed nanobodies against non-structural protein 4 of porcine reproductive and respiratory syndrome virus inhibit virus replication. <i>Biotechnology Letters</i> , 2016, 38, 1081-1088.	1.1	16
71	Marekâ€™s disease virus type 1 encoded analog of miR-155 promotes proliferation of chicken embryo fibroblast and DF-1 cells by targeting hnRNPAB. <i>Veterinary Microbiology</i> , 2017, 207, 210-218.	0.8	16
72	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

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73	<p>Biotinylated Single-Domain Antibody-Based Blocking ELISA for Detection of Antibodies Against Swine Influenza Virus</p>. International Journal of Nanomedicine, 2019, Volume 14, 9337-9349.	3.3	16
74	Carbon monoxide and biliverdin suppress bovine viral diarrhoea virus replication. Journal of General Virology, 2017, 98, 2982-2992.	1.3	16
75	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.	1.7	15
76	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.	1.5	15
77	miR-382-5p promotes porcine reproductive and respiratory syndrome virus (PRRSV) replication by negatively regulating the induction of type I interferon. FASEB Journal, 2020, 34, 4497-4511.	0.2	15
78	Identification and pathogenicity of a novel genotype avian hepatitis E virus from silkie fowl (gallus) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.8	15
79	Generation of internal image monoclonal anti-idiotypic antibodies against idiotype antibodies to GP5 antigen of porcine reproductive and respiratory syndrome virus. Journal of Virological Methods, 2008, 149, 300-308.	1.0	14
80	Molecular characterization of new described kobuvirus in dogs with diarrhea in China. SpringerPlus, 2016, 5, 2047.	1.2	14
81	Experimental infection of rabbit with swine-derived hepatitis E virus genotype 4. Veterinary Microbiology, 2019, 229, 168-175.	0.8	14
82	A Plant-Produced Recombinant Fusion Protein-Based Newcastle Disease Subunit Vaccine and Rapid Differential Diagnosis Platform. Vaccines, 2020, 8, 122.	2.1	14
83	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.	1.9	14
84	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.	0.5	13
85	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.	0.7	13
86	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 14-3-3 Proteins. Journal of Proteome Research, 2016, 15, 1388-1401.	1.8	13
87	A high-temperature passaging attenuated Pseudorabies vaccine protects piglets completely against emerging PRV variant. Research in Veterinary Science, 2017, 112, 109-115.	0.9	13
88	Avian hepatitis E virus infection of duck, goose, and rabbit in northwest China. Emerging Microbes and Infections, 2018, 7, 1-3.	3.0	13
89	Cross-species infection of mice by rabbit hepatitis E virus. Veterinary Microbiology, 2018, 225, 48-52.	0.8	13
90	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.	1.5	13

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91	The 40 kDa Linear Polyethylenimine Inhibits Porcine Reproductive and Respiratory Syndrome Virus Infection by Blocking Its Attachment to Permissive Cells. <i>Viruses</i> , 2019, 11, 876.	1.5	12
92	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. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0158021.	1.8	12
93	Identification and characterization of auto-anti-idiotypic antibodies specific for antibodies against porcine reproductive and respiratory syndrome virus envelope glycoprotein (GP5). <i>Veterinary Immunology and Immunopathology</i> , 2003, 92, 125-135.	0.5	11
94	Live recombinant <i>Lactococcus lactis</i> expressing avian hepatitis virus ORF2 protein: Immunoprotection against homologous virus challenge in chickens. <i>Vaccine</i> , 2018, 36, 1108-1115.	1.7	11
95	Characterization of antigenic domains and epitopes in the ORF3 protein of a Chinese isolate of avian hepatitis E virus. <i>Veterinary Microbiology</i> , 2013, 167, 242-249.	0.8	10
96	Anti-idiotypic antibodies reduce efficacy of the attenuated vaccine against highly pathogenic PRRSV challenge. <i>BMC Veterinary Research</i> , 2014, 10, 39.	0.7	10
97	Porcine Reproductive and Respiratory Syndrome Virus Promotes SLA-DR-Mediated Antigen Presentation of Nonstructural Proteins To Evoke a Nonneutralizing Antibody Response <i>in Vivo</i> . <i>Journal of Virology</i> , 2020, 94, .	1.5	10
98	Vimentin rearrangement by phosphorylation is beneficial for porcine reproductive and respiratory syndrome virus replication <i>in vitro</i> . <i>Veterinary Microbiology</i> , 2021, 259, 109133.	0.8	10
99	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
100	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
101	Effect of housing arrangement on fecal-oral transmission of avian hepatitis E virus in chicken flocks. <i>BMC Veterinary Research</i> , 2017, 13, 282.	0.7	9
102	Development of luciferase-linked antibody capture assay based on luciferase immunoprecipitation systems for antibody detection of porcine reproductive and respiratory syndrome virus. <i>BMC Biotechnology</i> , 2018, 18, 73.	1.7	9
103	GroEL gene typing and genetic diversity of <i>Anaplasma bovis</i> in ticks in Shaanxi, China. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103927.	1.0	9
104	A broadly neutralizing monoclonal antibody induces broad protection against heterogeneous PRRSV strains in piglets. <i>Veterinary Research</i> , 2021, 52, 45.	1.1	9
105	Cellular microRNA miR-c89 inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor porcine retinoid X receptor β . <i>Journal of General Virology</i> , 2019, 100, 1407-1416.	1.3	9
106	A Novel Blocking ELISA for Detection of Antibodies against Hepatitis E Virus in Domestic Pigs. <i>PLoS ONE</i> , 2016, 11, e0152639.	1.1	9
107	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. <i>Veterinary Immunology and Immunopathology</i> , 2004, 101, 49-59.	0.5	8
108	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. <i>Journal of General Virology</i> , 2014, 95, 2710-2715.	1.3	8

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109	Trigger factor assisted self-assembly of canine parvovirus VP2 protein into virus-like particles in <i>Escherichia coli</i> with high immunogenicity. <i>Virology Journal</i> , 2018, 15, 103.	1.4	8
110	Structural Characterization of Non-structural Protein 9 Complexed With Specific Nanobody Pinpoints Two Important Residues Involved in Porcine Reproductive and Respiratory Syndrome Virus Replication. <i>Frontiers in Microbiology</i> , 2020, 11, 581856.	1.5	8
111	<i>Clostridium butyricum</i> Supplement Can Ameliorate the Intestinal Barrier Roles in Broiler Chickens Experimentally Infected With <i>Clostridium perfringens</i> . <i>Frontiers in Physiology</i> , 2021, 12, 737481.	1.3	8
112	Idiotypes and anti-idiotypic antibodies: a review. <i>Comparative Clinical Pathology</i> , 2006, 14, 171-178.	0.3	7
113	Synthetic Peptides Containing Three Neutralizing Epitopes of Genotype 4 Swine Hepatitis E Virus ORF2 induced Protection against Swine HEV Infection in Rabbit. <i>Vaccines</i> , 2020, 8, 178.	2.1	7
114	Nanobody Nb6 fused with porcine IgG Fc as the delivering tag to inhibit porcine reproductive and respiratory syndrome virus replication in porcine alveolar macrophages. <i>Veterinary Research</i> , 2021, 52, 25.	1.1	7
115	Function of CD163 fragments in porcine reproductive and respiratory syndrome virus infection. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 15373-82.	1.3	7
116	Identification of MYH9 Key Domain Involved in the Entry of PRRSV Into Permissive Cells. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	7
117	Monoclonal Antibody to Bone Marrow Stromal Cell Antigen 2 Protein of Swine. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2016, 35, 172-176.	0.8	6
118	Clover-tagged porcine reproductive and respiratory syndrome virus infectious clones for rapid detection of virus neutralizing antibodies. <i>Journal of Virological Methods</i> , 2018, 259, 100-105.	1.0	6
119	Development of a monoclonal antibody against swine leukocyte antigen (SLA)-DR $\hat{\pm}$ chain and evaluation of SLA-DR expression in bone marrow-derived dendritic cells after PRRSV infection. <i>Veterinary Immunology and Immunopathology</i> , 2019, 211, 19-24.	0.5	6
120	Chicken Organic Anion-Transporting Polypeptide 1A2, a Novel Avian Hepatitis E Virus (HEV) ORF2-Interacting Protein, Is Involved in Avian HEV Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	5
121	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. <i>Vaccines</i> , 2020, 8, 490.	2.1	5
122	Porcine reproductive and respiratory syndrome virus increases SOCS3 production via activation of p38/AP-1 signaling pathway to promote viral replication. <i>Veterinary Microbiology</i> , 2021, 257, 109075.	0.8	5
123	Intranasal inoculation of sows with highly pathogenic porcine reproductive and respiratory syndrome virus at mid-gestation causes transplacental infection of fetuses. <i>Veterinary Research</i> , 2015, 46, 142.	1.1	4
124	Fluorescence resonance energy transfer combined with asymmetric PCR for broad and sensitive detection of porcine reproductive and respiratory syndrome virus 2. <i>Journal of Virological Methods</i> , 2019, 272, 113710.	1.0	4
125	Spatiotemporal regulation of ubiquitin-mediated protein degradation via upconversion optogenetic nanosystem. <i>Nano Research</i> , 2020, 13, 3253-3260.	5.8	4
126	Cell Division Control Protein 42 Interacts With Hepatitis E Virus Capsid Protein and Participates in Hepatitis E Virus Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 775083.	1.5	4

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127	Avian Hepatitis E Virus ORF2 Protein Interacts with Rap1b to Induce Cytoskeleton Rearrangement That Facilitates Virus Internalization. <i>Microbiology Spectrum</i> , 2022, 10, e0226521.	1.2	4
128	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
129	Single-chain anti-idiotypic antibody retains its specificity to porcine reproductive and respiratory syndrome virus GP5. <i>Immunology Letters</i> , 2015, 163, 8-13.	1.1	3
130	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. <i>BMC Veterinary Research</i> , 2018, 14, 92.	0.7	3
131	Evaluation of Duration of Immunogenicity and Protective Efficacy of Improved Influenza Viral Vector-Based <i>Brucella abortus</i> Vaccine Against <i>Brucella melitensis</i> Infection in Sheep and Goats. <i>Frontiers in Veterinary Science</i> , 2020, 7, 58.	0.9	3
132	A Double-Antibody Sandwich ELISA for Sensitive and Specific Detection of Swine Fibrinogen-Like Protein 1. <i>Frontiers in Immunology</i> , 2021, 12, 670626.	2.2	3
133	MicroRNA-like viral small RNA from porcine reproductive and respiratory syndrome virus negatively regulates viral replication by targeting the viral nonstructural protein 2. <i>Oncotarget</i> , 2016, 7, 82902-82920.	0.8	3
134	Biological Mimicry of the Bluetongue Virus Core Protein VP7 by Rabbit Anti-Idiotypic. <i>Microbiology and Immunology</i> , 1996, 40, 435-441.	0.7	2
135	Precise location of two novel linear epitopes on the receptor-binding domain surface of MERS-CoV spike protein recognized by two different monoclonal antibodies. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 609-619.	3.6	2
136	Isolation and Genetic Characterization of Parvoviruses From Dogs, Cats, Minks, and Raccoon Dogs in the Eastern Region of Shandong Province, China. <i>Frontiers in Microbiology</i> , 2022, 13, 862352.	1.5	2
137	Identification and pathogenicity of hepatitis E Virus from laboratory Bama miniature pigs. <i>BMC Veterinary Research</i> , 2022, 18, 99.	0.7	2
138	Development of a competitive ELISA for detecting antibodies against genotype 1 hepatitis E virus. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8505-8516.	1.7	0
139	Major Vault Protein Inhibits Porcine Reproductive and Respiratory Syndrome Virus Infection in CRL2843CD163 Cell Lines and Primary Porcine Alveolar Macrophages. <i>Viruses</i> , 2021, 13, 2267.	1.5	0
140	Antigenic cross-reactivity among human, swine, rabbit and avian hepatitis E virus capsid proteins. <i>Veterinary Microbiology</i> , 2022, 265, 109331.	0.8	0
141	Ovarian Oxidative Stress Induced Follicle Depletion After Zona Pellucida 3 Vaccination Is Associated With Subfertility in BALB/c Mice. <i>Frontiers in Veterinary Science</i> , 2022, 9, 814827.	0.9	0