

# En-Min Zhou

## List of Publications by Citations

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139  
papers

1,952  
citations

21  
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147  
ext. papers

2,602  
ext. citations

4.9  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
139	Improved Vaccine against PRRSV: Current Progress and Future Perspective. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1635	5.7	103
138	On-Chip Construction of Liver Lobule-like Microtissue and Its Application for Adverse Drug Reaction Assay. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1719-27	7.8	75
137	Dynamic changes in inflammatory cytokines in pigs infected with highly pathogenic porcine reproductive and respiratory syndrome virus. <i>Vaccine Journal</i> , <b>2010</b> , 17, 1439-45		72
136	MicroRNA miR-24-3p promotes porcine reproductive and respiratory syndrome virus replication through suppression of heme oxygenase-1 expression. <i>Journal of Virology</i> , <b>2015</b> , 89, 4494-503	6.6	63
135	Antiviral Strategies against PRRSV Infection. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 968-979	12.4	56
134	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Scientific Reports</i> , <b>2016</b> , 6, 25120	4.9	53
133	Immune responses in piglets infected with highly pathogenic porcine reproductive and respiratory syndrome virus. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 142, 170-8	2	53
132	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> , <b>2014</b> , 110, 60-9	10.8	42
131	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> , <b>2013</b> , 44, 104	3.8	42
130	Zoonotic Hepatitis E Virus: An Ignored Risk for Public Health. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2396	5.7	41
129	An intracellularly expressed Nsp9-specific nanobody in MARC-145 cells inhibits porcine reproductive and respiratory syndrome virus replication. <i>Veterinary Microbiology</i> , <b>2015</b> , 181, 252-60	3.3	41
128	Porcine Reproductive and Respiratory Syndrome Virus Nucleocapsid Protein Interacts with Nsp9 and Cellular DHX9 To Regulate Viral RNA Synthesis. <i>Journal of Virology</i> , <b>2016</b> , 90, 5384-5398	6.6	35
127	Genome sequencing and analysis of a novel recombinant porcine epidemic diarrhea virus strain from Henan, China. <i>Virus Genes</i> , <b>2016</b> , 52, 91-8	2.3	34
126	Carbon Monoxide Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication by the Cyclic GMP/Protein Kinase G and NF- $\kappa$ B Signaling Pathway. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	32
125	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> , <b>2013</b> , 193, 383-90	2.6	29
124	Development and application of an indirect ELISA for detection of antibodies against avian hepatitis E virus. <i>Journal of Virological Methods</i> , <b>2013</b> , 187, 32-6	2.6	28
123	Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Infection Induced Apoptosis and Autophagy in Thymi of Infected Piglets. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128292	3.7	28

122	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> , <b>2014</b> , 11, 2	6.1	28
121	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> , <b>2015</b> , 89, 5491-501	6.6	27
120	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> , <b>2020</b> , 12,	6.2	23
119	Porcine parvovirus capsid protein expressed in Escherichia coli self-assembles into virus-like particles with high immunogenicity in mice and guinea pigs. <i>Antiviral Research</i> , <b>2017</b> , 139, 146-152	10.8	22
118	MicroRNA let-7f-5p Inhibits Porcine Reproductive and Respiratory Syndrome Virus by Targeting MYH9. <i>Scientific Reports</i> , <b>2016</b> , 6, 34332	4.9	21
117	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> , <b>2015</b> , 176, 109-19	3.3	21
116	Analysis of epitopes in the capsid protein of avian hepatitis E virus by using monoclonal antibodies. <i>Journal of Virological Methods</i> , <b>2011</b> , 171, 374-80	2.6	21
115	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> , <b>2016</b> , 62, 1-7	3.2	21
114	Human-pathogenic Anaplasma spp., and Rickettsia spp. in animals in Xi'an, China. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006916	4.8	21
113	Nanobody-horseradish peroxidase fusion protein as an ultrasensitive probe to detect antibodies against Newcastle disease virus in the immunoassay. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 35	9.4	20
112	Genetic characterization and serological prevalence of swine hepatitis E virus in Shandong province, China. <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 415-24	3.3	20
111	Molecular detection of spotted fever group rickettsiae in hard ticks, northern China. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 1587-1596	4.2	19
110	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> , <b>2015</b> , 484, 136-145	3.6	18
109	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> , <b>2016</b> , 97, 1356-1361	4.9	18
108	Suppression of Virulent Porcine Epidemic Diarrhea Virus Proliferation by the PI3K/Akt/GSK-3 $\beta$ Pathway. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161508	3.7	18
107	Rabbit hepatitis E virus is an opportunistic pathogen in specific-pathogen-free rabbits with the capability of cross-species transmission. <i>Veterinary Microbiology</i> , <b>2017</b> , 201, 72-77	3.3	17
106	Molecular identification and characterization of Anaplasma capra and Anaplasma platys-like in Rhipicephalus microplus in Ankang, Northwest China. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 434	4	17
105	MiR-22 promotes porcine reproductive and respiratory syndrome virus replication by targeting the host factor HO-1. <i>Veterinary Microbiology</i> , <b>2016</b> , 192, 226-230	3.3	17

104	Synthetic Toll-like receptor 7 ligand inhibits porcine reproductive and respiratory syndrome virus infection in primary porcine alveolar macrophages. <i>Antiviral Research</i> , <b>2016</b> , 131, 9-18	10.8	17
103	Heme oxygenase-1 metabolite biliverdin, not iron, inhibits porcine reproductive and respiratory syndrome virus replication. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 102, 149-161	7.8	16
102	Nonmuscle Myosin Heavy Chain IIA Recognizes Sialic Acids on Sialylated RNA Viruses To Suppress Proinflammatory Responses via the DAP12-Syk Pathway. <i>MBio</i> , <b>2019</b> , 10,	7.8	16
101	Curcumin is a promising inhibitor of genotype 2 porcine reproductive and respiratory syndrome virus infection. <i>BMC Veterinary Research</i> , <b>2017</b> , 13, 298	2.7	16
100	Nanoparticle orientationally displayed antigen epitopes improve neutralizing antibody level in a model of porcine circovirus type 2. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 5239-5254	7.3	16
99	Development of a blocking ELISA for detection of antibodies against avian hepatitis E virus. <i>Journal of Virological Methods</i> , <b>2014</b> , 204, 1-5	2.6	15
98	Porcine Reproductive and Respiratory Syndrome Virus Enhances Self-Replication via AP-1-Dependent Induction of SOCS1. <i>Journal of Immunology</i> , <b>2020</b> , 204, 394-407	5.3	15
97	Platycodin D Suppresses Type 2 Porcine Reproductive and Respiratory Syndrome Virus In Primary and Established Cell Lines. <i>Viruses</i> , <b>2018</b> , 10,	6.2	15
96	Decreased egg production in laying hens associated with infection with genotype 3 avian hepatitis E virus strain from China. <i>Veterinary Microbiology</i> , <b>2017</b> , 203, 174-180	3.3	14
95	Development and evaluation of a SYBR Green real-time RT-PCR assay for detection of avian hepatitis E virus. <i>BMC Veterinary Research</i> , <b>2015</b> , 11, 195	2.7	14
94	Identification of the RNA Pseudoknot within the 3TEnd 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> , <b>2018</b> , 92,	6.6	14
93	Vaccine Development against Zoonotic Hepatitis E Virus: Open Questions and Remaining Challenges. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 266	5.7	14
92	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> , <b>2018</b> , 156, 10-20	10.8	14
91	Effects of PRRSV Infection on the Porcine Thymus. <i>Trends in Microbiology</i> , <b>2020</b> , 28, 212-223	12.4	14
90	Antigenic properties of avian hepatitis E virus capsid protein. <i>Veterinary Microbiology</i> , <b>2015</b> , 180, 10-4	3.3	13
89	Development of an immunochromatographic strip for detection of antibodies against porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Science</i> , <b>2017</b> , 18, 307-316	1.6	13
88	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> , <b>2019</b> , 66, 72-82	4.2	13
87	Heme Oxygenase-1 Suppresses Bovine Viral Diarrhoea Virus Replication in vitro. <i>Scientific Reports</i> , <b>2015</b> , 5, 15575	4.9	13

86	Generation of internal image monoclonal anti-idiotypic antibodies against idiotypic antibodies to GP5 antigen of porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , <b>2008</b> , 149, 300-8	2.6	13
85	Molecular characterization of new described kobuvirus in dogs with diarrhea in China. <i>SpringerPlus</i> , <b>2016</b> , 5, 2047		13
84	Distribution of highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV) in different stages of gestation sows: HP-PRRSV distribution in gestation sows. <i>Veterinary Immunology and Immunopathology</i> , <b>2015</b> , 166, 88-94	2	12
83	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. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1388-401	5.6	12
82	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> , <b>2018</b> , 15, 169	6.1	12
81	Past, present and future of hepatitis E virus infection: Zoonotic perspectives. <i>Microbial Pathogenesis</i> , <b>2018</b> , 119, 103-108	3.8	11
80	Intracellularly expressed nanobodies against non-structural protein 4 of porcine reproductive and respiratory syndrome virus inhibit virus replication. <i>Biotechnology Letters</i> , <b>2016</b> , 38, 1081-8	3	11
79	Avian Hepatitis E Virus: With the Trend of Genotypes and Host Expansion. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1696	5.7	11
78	Rescue and evaluation of a recombinant PRRSV expressing porcine Interleukin-4. <i>Virology Journal</i> , <b>2015</b> , 12, 185	6.1	11
77	Carbon monoxide and biliverdin suppress bovine viral diarrhoea virus replication. <i>Journal of General Virology</i> , <b>2017</b> , 98, 2982-2992	4.9	11
76	IFI16 Inhibits Porcine Reproductive and Respiratory Syndrome Virus 2 Replication in a MAVS-Dependent Manner in MARC-145 Cells. <i>Viruses</i> , <b>2019</b> , 11,	6.2	11
75	A Nanobody Targeting Viral Nonstructural Protein 9 Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	11
74	Experimental infection of rabbit with swine-derived hepatitis E virus genotype 4. <i>Veterinary Microbiology</i> , <b>2019</b> , 229, 168-175	3.3	11
73	Evaluation of recombinant Chinese avian hepatitis E virus (CaHEV) ORF2 and ORF3 proteins for protection of chickens against CaHEV infection. <i>Vaccine</i> , <b>2017</b> , 35, 3482-3489	4.1	10
72	Seroprevalence of avian hepatitis E virus and avian leucosis virus subgroup J in chicken flocks with hepatitis syndrome, China. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 261	2.7	10
71	Marek'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> , <b>2017</b> , 207, 210-218	3.3	10
70	Immune responses of pigs immunized with a recombinant porcine reproductive and respiratory syndrome virus expressing porcine GM-CSF. <i>Veterinary Immunology and Immunopathology</i> , <b>2015</b> , 168, 40-8	2	9
69	Generation of murine macrophage-derived cell lines expressing porcine CD163 that support porcine reproductive and respiratory syndrome virus infection. <i>BMC Biotechnology</i> , <b>2017</b> , 17, 77	3.5	9

68	Anti-idiotypic antibodies reduce efficacy of the attenuated vaccine against highly pathogenic PRRSV challenge. <i>BMC Veterinary Research</i> , <b>2014</b> , 10, 39	2.7	9
67	Characterization of antigenic domains and epitopes in the ORF3 protein of a Chinese isolate of avian hepatitis E virus. <i>Veterinary Microbiology</i> , <b>2013</b> , 167, 242-9	3.3	9
66	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> , <b>2003</b> , 92, 125-35	2	9
65	Nanobody-horseradish peroxidase and -EGFP fusions as reagents to detect porcine parvovirus in the immunoassays. <i>Journal of Nanobiotechnology</i> , <b>2020</b> , 18, 7	9.4	9
64	Cross-species infection of mice by rabbit hepatitis E virus. <i>Veterinary Microbiology</i> , <b>2018</b> , 225, 48-52	3.3	9
63	A high-temperature passaging attenuated Pseudorabies vaccine protects piglets completely against emerging PRV variant. <i>Research in Veterinary Science</i> , <b>2017</b> , 112, 109-115	2.5	8
62	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> , <b>2019</b> , 10, 1815	5.7	8
61	Broad neutralization activity against both PRRSV-1 and PRRSV-2 and enhancement of cell mediated immunity against PRRSV by a novel IgM monoclonal antibody. <i>Antiviral Research</i> , <b>2020</b> , 175, 104716	10.8	8
60	Effect of housing arrangement on fecal-oral transmission of avian hepatitis E virus in chicken flocks. <i>BMC Veterinary Research</i> , <b>2017</b> , 13, 282	2.7	8
59	Characterization of Three Novel Linear Neutralizing B-Cell Epitopes in the Capsid Protein of Swine Hepatitis E Virus. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	8
58	Live recombinant <i>Lactococcus lactis</i> expressing avian hepatitis virus ORF2 protein: Immunoprotection against homologous virus challenge in chickens. <i>Vaccine</i> , <b>2018</b> , 36, 1108-1115	4.1	8
57	MYH9 Aggregation Induced by Direct Interaction With PRRSV GP5 Ectodomain Facilitates Viral Internalization by Permissive Cells. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2313	5.7	8
56	Complete genome sequence of a highly pathogenic porcine reproductive and respiratory syndrome virus variant. <i>Journal of Virology</i> , <b>2012</b> , 86, 8906	6.6	8
55	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> , <b>2004</b> , 101, 49-59	2	8
54	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> , <b>2020</b> , 94,	6.6	8
53	A single dose glycoprotein D-based subunit vaccine against pseudorabies virus infection. <i>Vaccine</i> , <b>2020</b> , 38, 6153-6161	4.1	8
52	Fenobody and RANbody-based sandwich enzyme-linked immunosorbent assay to detect Newcastle disease virus. <i>Journal of Nanobiotechnology</i> , <b>2020</b> , 18, 44	9.4	7
51	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> , <b>2014</b> , 95, 2710-2715	4.9	7

50	GP5 expression in Marc-145 cells inhibits porcine reproductive and respiratory syndrome virus infection by inducing beta interferon activity. <i>Veterinary Microbiology</i> , <b>2014</b> , 174, 409-418	3.3	7
49	Development of a double monoclonal antibody-based sandwich enzyme-linked immunosorbent assay for detecting canine distemper virus. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 10725-10735	5.7	7
48	Biotinylated Single-Domain Antibody-Based Blocking ELISA for Detection of Antibodies Against Swine Influenza Virus. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9337-9349	7.3	7
47	A Plant-Produced Recombinant Fusion Protein-Based Newcastle Disease Subunit Vaccine and Rapid Differential Diagnosis Platform. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	6
46	miR-382-5p promotes porcine reproductive and respiratory syndrome virus (PRRSV) replication by negatively regulating the induction of type I interferon. <i>FASEB Journal</i> , <b>2020</b> , 34, 4497-4511	0.9	6
45	Avian hepatitis E virus infection of duck, goose, and rabbit in northwest China. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 76	18.9	6
44	Idiotypes and anti-idiotypic antibodies: a review. <i>Comparative Clinical Pathology</i> , <b>2006</b> , 14, 171-178	0.9	6
43	A Novel Blocking ELISA for Detection of Antibodies against Hepatitis E Virus in Domestic Pigs. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152639	3.7	6
42	Cellular microRNA miR-c89 inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor porcine retinoid X receptor. <i>Journal of General Virology</i> , <b>2019</b> , 100, 1407-1416	4.9	6
41	Porcine Reproductive and Respiratory Syndrome Virus Promotes SLA-DR-Mediated Antigen Presentation of Nonstructural Proteins To Evoke a Nonneutralizing Antibody Response. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	6
40	The 40 kDa Linear Polyethylenimine Inhibits Porcine Reproductive and Respiratory Syndrome Virus Infection by Blocking Its Attachment to Permissive Cells. <i>Viruses</i> , <b>2019</b> , 11,	6.2	5
39	GroEL gene typing and genetic diversity of <i>Anaplasma bovis</i> in ticks in Shaanxi, China. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 74, 103927	4.5	5
38	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> , <b>2018</b> , 15, 103	6.1	5
37	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> , <b>2018</b> , 18, 73	3.5	5
36	Development of a monoclonal antibody against swine leukocyte antigen (SLA)-DR $\alpha$ chain and evaluation of SLA-DR expression in bone marrow-derived dendritic cells after PRRSV infection. <i>Veterinary Immunology and Immunopathology</i> , <b>2019</b> , 211, 19-24	2	4
35	Identification and pathogenicity of a novel genotype avian hepatitis E virus from silkie fowl ( <i>Gallus gallus</i> ). <i>Veterinary Microbiology</i> , <b>2020</b> , 245, 108688	3.3	4
34	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> , <b>2015</b> , 46, 142	3.8	4
33	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. <i>Poultry Science</i> , <b>2020</b> , 99, 1287-1296	3.9	4

32	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> , <b>2020</b> , 11, 581856	5.7	4
31	A nanobody-horseradish peroxidase fusion protein-based competitive ELISA for rapid detection of antibodies against porcine circovirus type 2. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 34	9.4	4
30	Clover-tagged porcine reproductive and respiratory syndrome virus infectious clones for rapid detection of virus neutralizing antibodies. <i>Journal of Virological Methods</i> , <b>2018</b> , 259, 100-105	2.6	4
29	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> , <b>2019</b> , 93,	6.6	3
28	Single-chain anti-idiotypic antibody retains its specificity to porcine reproductive and respiratory syndrome virus GP5. <i>Immunology Letters</i> , <b>2015</b> , 163, 8-13	4.1	3
27	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> , <b>2016</b> , 21, 161-70	1.6	3
26	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> , <b>2016</b> , 7, 82902-82920	3.3	3
25	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. <i>Viruses</i> , <b>2019</b> , 12,	6.2	3
24	A broadly neutralizing monoclonal antibody induces broad protection against heterogeneous PRRSV strains in piglets. <i>Veterinary Research</i> , <b>2021</b> , 52, 45	3.8	3
23	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> , <b>2020</b> , 8,	5.3	3
22	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> , <b>2018</b> , 14, 92	2.7	2
21	Biological mimicry of the bluetongue virus core protein VP7 by rabbit anti-idiotypic. <i>Microbiology and Immunology</i> , <b>1996</b> , 40, 435-41	2.7	2
20	Function of CD163 fragments in porcine reproductive and respiratory syndrome virus infection. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 15373-82		2
19	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> , <b>2021</b> , 257, 109075	3.3	2
18	Monoclonal Antibody to Bone Marrow Stromal Cell Antigen 2 Protein of Swine. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , <b>2016</b> , 35, 172-6	1.9	2
17	Evaluation of Duration of Immunogenicity and Protective Efficacy of Improved Influenza Viral Vector-Based Vaccine Against Infection in Sheep and Goats. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 58	3.1	1
16	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> , <b>2019</b> , 272, 113710	2.6	1
15	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> , <b>2020</b> , 8,	5.3	1



14	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> , <b>2021</b> , 52, 25	3.8	1
13	Vimentin rearrangement by phosphorylation is beneficial for porcine reproductive and respiratory syndrome virus replication in vitro. <i>Veterinary Microbiology</i> , <b>2021</b> , 259, 109133	3.3	1
12	Supplement Can Ameliorate the Intestinal Barrier Roles in Broiler Chickens Experimentally Infected With. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 737481	4.6	1
11	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> , <b>2021</b> , 59, e0158021	9.7	1
10	Avian Hepatitis E Virus ORF2 Protein Interacts with Rap1b to Induce Cytoskeleton Rearrangement That Facilitates Virus Internalization.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0226521	8.9	0
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