

# En-Min Zhou

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139 papers	1,952 citations	21 h-index	34 g-index
147 ext. papers	2,602 ext. citations	4.9 avg, IF	4.77 L-index

#	Paper	IF	Citations
139	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
138	Antigenic cross-reactivity among human, swine, rabbit and avian hepatitis E virus capsid proteins.. <i>Veterinary Microbiology</i> , <b>2022</b> , 265, 109331	3.3	
137	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> , <b>2022</b> , 13, 862352	5.7	
136	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> , <b>2022</b> , 9, 814827	3.1	
135	Identification and pathogenicity of hepatitis E Virus from laboratory Bama miniature pigs.. <i>BMC Veterinary Research</i> , <b>2022</b> , 18, 99	2.7	0
134	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> , <b>2021</b> , 195, 609-609	7.9	
133	Development of a competitive ELISA for detecting antibodies against genotype 1 hepatitis E virus. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 8505-8516	5.7	
132	Cell Division Control Protein 42 Interacts With Hepatitis E Virus Capsid Protein and Participates in Hepatitis E Virus Infection. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 775083	5.7	0
131	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
130	A Double-Antibody Sandwich ELISA for Sensitive and Specific Detection of Swine Fibrinogen-Like Protein 1. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 670626	8.4	
129	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
128	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
127	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
126	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
125	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
124	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
123	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

122	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
121	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
120	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
119	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
118	Identification and pathogenicity of a novel genotype avian hepatitis E virus from silkie fowl (gallus gallus). <i>Veterinary Microbiology</i> , <b>2020</b> , 245, 108688	3.3	4
117	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
116	Effects of PRRSV Infection on the Porcine Thymus. <i>Trends in Microbiology</i> , <b>2020</b> , 28, 212-223	12.4	14
115	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
114	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
113	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
112	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	5.35	7
111	A single dose glycoprotein D-based subunit vaccine against pseudorabies virus infection. <i>Vaccine</i> , <b>2020</b> , 38, 6153-6161	4.1	8
110	Spatiotemporal regulation of ubiquitin-mediated protein degradation via upconversion optogenetic nanosystem. <i>Nano Research</i> , <b>2020</b> , 13, 3253-3260	10	0
109	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
108	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
107	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
106	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
105	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

104	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
103	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
102	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
101	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
100	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> , <b>2019</b> , 19, 434	4	17
99	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
98	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
97	Development of a monoclonal antibody against swine leukocyte antigen (SLA)-DR $\beta$ 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
96	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
95	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
94	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
93	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
92	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
91	Cellular microRNA miR-c89 inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor porcine retinoid X receptor $\beta$ . <i>Journal of General Virology</i> , <b>2019</b> , 100, 1407-1416	4.9	6
90	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
89	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
88	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
87	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

86	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
85	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
84	Past, present and future of hepatitis E virus infection: Zoonotic perspectives. <i>Microbial Pathogenesis</i> , <b>2018</b> , 119, 103-108	3.8	11
83	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
82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	Human-pathogenic <i>Anaplasma</i> spp., and <i>Rickettsia</i> spp. in animals in Xi'an, China. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006916	4.8	21
72	Cross-species infection of mice by rabbit hepatitis E virus. <i>Veterinary Microbiology</i> , <b>2018</b> , 225, 48-52	3.3	9
71	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
70	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> , <b>2017</b> , 139, 146-152	10.8	22
69	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

68	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
67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	Antiviral Strategies against PRRSV Infection. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 968-979	12.4	56
57	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
56	Improved Vaccine against PRRSV: Current Progress and Future Perspective. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1635	5.7	103
55	Zoonotic Hepatitis E Virus: An Ignored Risk for Public Health. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2396	5.7	41
54	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
53	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
52	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
51	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



50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	Molecular characterization of new described kobuvirus in dogs with diarrhea in China. <i>SpringerPlus</i> , <b>2016</b> , 5, 2047		13
37	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
36	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
35	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
34	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
33	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

32	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
31	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
30	Antigenic properties of avian hepatitis E virus capsid protein. <i>Veterinary Microbiology</i> , <b>2015</b> , 180, 10-4	3.3	13
29	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
28	Heme Oxygenase-1 Suppresses Bovine Viral Diarrhoea Virus Replication in vitro. <i>Scientific Reports</i> , <b>2015</b> , 5, 15575	4.9	13
27	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
26	Rescue and evaluation of a recombinant PRRSV expressing porcine Interleukin-4. <i>Virology Journal</i> , <b>2015</b> , 12, 185	6.1	11
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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



14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Generation of internal image monoclonal anti-idiotypic antibodies against idiotype 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
4	Idiotypes and anti-idiotypic antibodies: a review. <i>Comparative Clinical Pathology</i> , <b>2006</b> , 14, 171-178	0.9	6
3	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
2	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
1	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