Yuchen Nan

List of Publications by Year
in descending order

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		304602	276775
70	1,990	22	41
papers	citations	h-index	g-index

70	70	70	2033
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Avian Hepatitis E Virus ORF2 Protein Interacts with Rap1b to Induce Cytoskeleton Rearrangement That Facilitates Virus Internalization. Microbiology Spectrum, 2022, 10, e0226521.	1.2	4
2	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.	0.9	0
3	Proteomic Analysis of ISGylation in Immortalized Porcine Alveolar Macrophage Cell Lines Induced by Type I Interferon. Vaccines, 2021, 9, 164.	2.1	7
4	A broadly neutralizing monoclonal antibody induces broad protection against heterogeneous PRRSV strains in piglets. Veterinary Research, 2021, 52, 45.	1.1	9
5	Open reading frame 3 protein of hepatitis E virus: Multi-function protein with endless potential. World Journal of Gastroenterology, 2021, 27, 2458-2473.	1.4	11
6	Genome-wide transcriptomic analysis of highly virulent African swine fever virus infection reveals complex and unique virus host interaction. Veterinary Microbiology, 2021, 261, 109211.	0.8	22
7	Development of a competitive ELISA for detecting antibodies against genotype 1 hepatitis E virus. Applied Microbiology and Biotechnology, 2021, 105, 8505-8516.	1.7	0
8	The Hepatitis E Virus Open Reading Frame 2 Protein: Beyond Viral Capsid. Frontiers in Microbiology, 2021, 12, 739124.	1.5	9
9	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.	1.5	4
10	Porcine Epidemic Diarrhea Virus Envelope Protein Blocks SLA-DR Expression in Barrow-Derived Dendritic Cells by Inhibiting Promoters Activation. Frontiers in Immunology, 2021, 12, 741425.	2.2	4
11	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
12	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.	1.5	8
13	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, .	1.5	10
14	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.	2.1	5
15	PRRSV Vaccine Strain-Induced Secretion of Extracellular ISG15 Stimulates Porcine Alveolar Macrophage Antiviral Response against PRRSV. Viruses, 2020, 12, 1009.	1.5	8
16	Identification of functional cis-acting RNA elements in the hepatitis E virus genome required for viral replication. PLoS Pathogens, 2020, 16, e1008488.	2.1	25
17	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
18	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.	2.1	7

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19	The Nucleoprotein and Phosphoprotein of Peste des Petits Ruminants Virus Inhibit Interferons Signaling by Blocking the JAK-STAT Pathway. Viruses, 2019, 11, 629.	1.5	19
20	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.	1.0	4
21	Fungal dissemination is limited by liver macrophage filtration of the blood. Nature Communications, 2019, 10, 4566.	5.8	46
22	The Capsid Protein of Hepatitis E Virus Inhibits Interferon Induction via Its N-Terminal Arginine-Rich Motif. Viruses, 2019, 11, 1050.	1.5	15
23	MYH9 Aggregation Induced by Direct Interaction With PRRSV GP5 Ectodomain Facilitates Viral Internalization by Permissive Cells. Frontiers in Microbiology, 2019, 10, 2313.	1.5	19
24	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.	1.5	17
25	The 40 kDa Linear Polyethylenimine Inhibits Porcine Reproductive and Respiratory Syndrome Virus Infection by Blocking Its Attachment to Permissive Cells. Viruses, 2019, 11, 876.	1.5	12
26	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, .	1.5	5
27	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.	0.5	6
28	A Nanobody Targeting Viral Nonstructural Protein 9 Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication. Journal of Virology, 2019, 93, .	1.5	21
29	Experimental infection of rabbit with swine-derived hepatitis E virus genotype 4. Veterinary Microbiology, 2019, 229, 168-175.	0.8	14
30	Characterization of Three Novel Linear Neutralizing B-Cell Epitopes in the Capsid Protein of Swine Hepatitis E Virus. Journal of Virology, 2018, 92, .	1.5	18
31	Karyopherin Alpha 6 Is Required for Replication of Porcine Reproductive and Respiratory Syndrome Virus and Zika Virus. Journal of Virology, 2018, 92, .	1.5	23
32	Avian hepatitis E virus infection of duck, goose, and rabbit in northwest China. Emerging Microbes and Infections, 2018, 7, 1-3.	3.0	13
33	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.	1.7	9
34	Vaccine Development against Zoonotic Hepatitis E Virus: Open Questions and Remaining Challenges. Frontiers in Microbiology, 2018, 9, 266.	1.5	24
35	Antisense Phosphorodiamidate Morpholino Oligomers as Novel Antiviral Compounds. Frontiers in Microbiology, 2018, 9, 750.	1.5	58
36	Interferon Independent Non-Canonical STAT Activation and Virus Induced Inflammation. Viruses, 2018, 10, 196.	1.5	12

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37	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.	1.9	30
38	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.	0.8	19
39	Heme oxygenase-1 metabolite biliverdin, not iron, inhibits porcine reproductive and respiratory syndrome virus replication. Free Radical Biology and Medicine, 2017, 102, 149-161.	1.3	23
40	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
41	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.	0.8	21
42	Antiviral Strategies against PRRSV Infection. Trends in Microbiology, 2017, 25, 968-979.	3.5	102
43	Porcine Reproductive and Respiratory Syndrome Virus Antagonizes JAK/STAT3 Signaling via nsp5, Which Induces STAT3 Degradation. Journal of Virology, 2017, 91, .	1.5	47
44	Interplay between Janus Kinase/Signal Transducer and Activator of Transcription Signaling Activated by Type I Interferons and Viral Antagonism. Frontiers in Immunology, 2017, 8, 1758.	2.2	106
45	Improved Vaccine against PRRSV: Current Progress and Future Perspective. Frontiers in Microbiology, 2017, 8, 1635.	1.5	162
46	Zoonotic Hepatitis E Virus: An Ignored Risk for Public Health. Frontiers in Microbiology, 2017, 8, 2396.	1.5	62
47	Generation of murine macrophage-derived cell lines expressing porcine CD163 that support porcine reproductive and respiratory syndrome virus infection. BMC Biotechnology, 2017, 17, 77.	1.7	18
48	Effect of housing arrangement on fecal-oral transmission of avian hepatitis E virus in chicken flocks. BMC Veterinary Research, 2017, 13, 282.	0.7	9
49	Curcumin is a promising inhibitor of genotype 2 porcine reproductive and respiratory syndrome virus infection. BMC Veterinary Research, 2017, 13, 298.	0.7	31
50	The middle half genome of interferon-inducing porcine reproductive and respiratory syndrome virus strain A2MC2 is essential for interferon induction. Journal of General Virology, 2017, 98, 1720-1729.	1.3	7
51	A Linear Surface Epitope in a Proline-Rich Region of ORF3 Product of Genotype 1 Hepatitis E Virus. Viruses, 2016, 8, 227.	1.5	7
52	Molecular Biology and Infection of Hepatitis E Virus. Frontiers in Microbiology, 2016, 7, 1419.	1.5	77
53	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. Scientific Reports, 2016, 6, 25120.	1.6	78
54	Sustaining Interferon Induction by a High-Passage Atypical Porcine Reproductive and Respiratory Syndrome Virus Strain. Scientific Reports, 2016, 6, 36312.	1.6	9

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55	Downregulation of protein kinase PKR activation by porcine reproductive and respiratory syndrome virus at its early stage infection. Veterinary Microbiology, 2016, 187, 1-7.	0.8	11
56	The Thr to Met substitution of amino acid 118 in hepatitis B virus surface antigen escapes from immune-assay-based screening of blood donors. Journal of General Virology, 2016, 97, 1210-1217.	1.3	4
57	Inhibition of hepatitis E virus replication by peptide-conjugated morpholino oligomers. Antiviral Research, 2015, 120, 134-139.	1.9	18
58	New insights into hepatitis E virus virusâ€“host interaction: interplay with host interferon induction. Future Virology, 2015, 10, 439-448.	0.9	3
59	Interferon Induction by RNA Viruses and Antagonism by Viral Pathogens. Viruses, 2014, 6, 4999-5027.	1.5	54
60	Enhancement of Interferon Induction by ORF3 Product of Hepatitis E Virus. Journal of Virology, 2014, 88, 8696-8705.	1.5	59
61	Hepatitis E Virus Inhibits Type I Interferon Induction by ORF1 Products. Journal of Virology, 2014, 88, 11924-11932.	1.5	105
62	Enhancing neutralizing antibody production by an interferon-inducing porcine reproductive and respiratory syndrome virus strain. Vaccine, 2013, 31, 5537-5543.	1.7	40
63	Variable interference with interferon signal transduction by different strains of porcine reproductive and respiratory syndrome virus. Veterinary Microbiology, 2013, 166, 493-503.	0.8	27
64	Porcine Reproductive and Respiratory Syndrome Virus Nsp1Î² Inhibits Interferon-Activated JAK/STAT Signal Transduction by Inducing Karyopherin-Î±1 Degradation. Journal of Virology, 2013, 87, 5219-5228.	1.5	98
65	Induction of STAT1 Phosphorylation at Serine 727 and Expression of Proinflammatory Cytokines by Porcine Reproductive and Respiratory Syndrome Virus. PLoS ONE, 2013, 8, e61967.	1.1	25
66	Induction of type I interferons by a novel porcine reproductive and respiratory syndrome virus isolate. Virology, 2012, 432, 261-270.	1.1	60
67	Viral FLICE Inhibitory Protein of Rhesus Monkey Rhadinovirus Inhibits Apoptosis by Enhancing Autophagosome Formation. PLoS ONE, 2012, 7, e39438.	1.1	16
68	Inhibition of Primary Effusion Lymphoma Engraftment in Scid Mice by Morpholino Oligomers against Early Lytic Genes of Kaposi'S Sarcoma-Associated Herpesvirus. Antiviral Therapy, 2011, 16, 657-666.	0.6	6
69	Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Signaling by Blocking STAT1/STAT2 Nuclear Translocation. Journal of Virology, 2011, 85, 5705-5705.	1.5	3
70	Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Signaling by Blocking STAT1/STAT2 Nuclear Translocation. Journal of Virology, 2010, 84, 11045-11055.	1.5	141