

Yuchen Nan

List of Publications by Year in descending order

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70
papers

1,990
citations

304602

22
h-index

276775

41
g-index

70
all docs

70
docs citations

70
times ranked

2033
citing authors

#	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	Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Signaling by Blocking STAT1/STAT2 Nuclear Translocation. <i>Journal of Virology</i> , 2010, 84, 11045-11055.	1.5	141
3	Interplay between Janus Kinase/Signal Transducer and Activator of Transcription Signaling Activated by Type I Interferons and Viral Antagonism. <i>Frontiers in Immunology</i> , 2017, 8, 1758.	2.2	106
4	Hepatitis E Virus Inhibits Type I Interferon Induction by ORF1 Products. <i>Journal of Virology</i> , 2014, 88, 11924-11932.	1.5	105
5	Antiviral Strategies against PRRSV Infection. <i>Trends in Microbiology</i> , 2017, 25, 968-979.	3.5	102
6	Porcine Reproductive and Respiratory Syndrome Virus Nsp1 ^{Δ2} Inhibits Interferon-Activated JAK/STAT Signal Transduction by Inducing Karyopherin- β 1 Degradation. <i>Journal of Virology</i> , 2013, 87, 5219-5228.	1.5	98
7	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Scientific Reports</i> , 2016, 6, 25120.	1.6	78
8	Molecular Biology and Infection of Hepatitis E Virus. <i>Frontiers in Microbiology</i> , 2016, 7, 1419.	1.5	77
9	Zoonotic Hepatitis E Virus: An Ignored Risk for Public Health. <i>Frontiers in Microbiology</i> , 2017, 8, 2396.	1.5	62
10	Induction of type I interferons by a novel porcine reproductive and respiratory syndrome virus isolate. <i>Virology</i> , 2012, 432, 261-270.	1.1	60
11	Enhancement of Interferon Induction by ORF3 Product of Hepatitis E Virus. <i>Journal of Virology</i> , 2014, 88, 8696-8705.	1.5	59
12	Antisense Phosphorodiamidate Morpholino Oligomers as Novel Antiviral Compounds. <i>Frontiers in Microbiology</i> , 2018, 9, 750.	1.5	58
13	Interferon Induction by RNA Viruses and Antagonism by Viral Pathogens. <i>Viruses</i> , 2014, 6, 4999-5027.	1.5	54
14	Porcine Reproductive and Respiratory Syndrome Virus Antagonizes JAK/STAT3 Signaling via nsp5, Which Induces STAT3 Degradation. <i>Journal of Virology</i> , 2017, 91, .	1.5	47
15	Fungal dissemination is limited by liver macrophage filtration of the blood. <i>Nature Communications</i> , 2019, 10, 4566.	5.8	46
16	Enhancing neutralizing antibody production by an interferon-inducing porcine reproductive and respiratory syndrome virus strain. <i>Vaccine</i> , 2013, 31, 5537-5543.	1.7	40
17	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
18	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

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19	Variable interference with interferon signal transduction by different strains of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2013, 166, 493-503.	0.8	27
20	Identification of functional cis-acting RNA elements in the hepatitis E virus genome required for viral replication. <i>PLoS Pathogens</i> , 2020, 16, e1008488.	2.1	25
21	Induction of STAT1 Phosphorylation at Serine 727 and Expression of Proinflammatory Cytokines by Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2013, 8, e61967.	1.1	25
22	Vaccine Development against Zoonotic Hepatitis E Virus: Open Questions and Remaining Challenges. <i>Frontiers in Microbiology</i> , 2018, 9, 266.	1.5	24
23	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
24	Karyopherin Alpha 6 Is Required for Replication of Porcine Reproductive and Respiratory Syndrome Virus and Zika Virus. <i>Journal of Virology</i> , 2018, 92, .	1.5	23
25	Genome-wide transcriptomic analysis of highly virulent African swine fever virus infection reveals complex and unique virus host interaction. <i>Veterinary Microbiology</i> , 2021, 261, 109211.	0.8	22
26	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
27	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
28	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
29	The Nucleoprotein and Phosphoprotein of Peste des Petits Ruminants Virus Inhibit Interferons Signaling by Blocking the JAK-STAT Pathway. <i>Viruses</i> , 2019, 11, 629.	1.5	19
30	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
31	Inhibition of hepatitis E virus replication by peptide-conjugated morpholino oligomers. <i>Antiviral Research</i> , 2015, 120, 134-139.	1.9	18
32	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
33	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
34	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
35	Viral FLICE Inhibitory Protein of Rhesus Monkey Rhadinovirus Inhibits Apoptosis by Enhancing Autophagosome Formation. <i>PLoS ONE</i> , 2012, 7, e39438.	1.1	16
36	Evaluation of recombinant Chinese avian hepatitis E virus (CaHEV) ORF2 and ORF3 proteins for protection of chickens against CaHEV infection. <i>Vaccine</i> , 2017, 35, 3482-3489.	1.7	15

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37	The Capsid Protein of Hepatitis E Virus Inhibits Interferon Induction via Its N-Terminal Arginine-Rich Motif. <i>Viruses</i> , 2019, 11, 1050.	1.5	15
38	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> , 2020, 12, 40.	1.5	15
39	Experimental infection of rabbit with swine-derived hepatitis E virus genotype 4. <i>Veterinary Microbiology</i> , 2019, 229, 168-175.	0.8	14
40	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> , 2020, 175, 104716.	1.9	14
41	Avian hepatitis E virus infection of duck, goose, and rabbit in northwest China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-3.	3.0	13
42	Interferon Independent Non-Canonical STAT Activation and Virus Induced Inflammation. <i>Viruses</i> , 2018, 10, 196.	1.5	12
43	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
44	Downregulation of protein kinase PKR activation by porcine reproductive and respiratory syndrome virus at its early stage infection. <i>Veterinary Microbiology</i> , 2016, 187, 1-7.	0.8	11
45	Open reading frame 3 protein of hepatitis E virus: Multi-function protein with endless potential. <i>World Journal of Gastroenterology</i> , 2021, 27, 2458-2473.	1.4	11
46	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
47	Sustaining Interferon Induction by a High-Passage Atypical Porcine Reproductive and Respiratory Syndrome Virus Strain. <i>Scientific Reports</i> , 2016, 6, 36312.	1.6	9
48	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
49	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
50	A broadly neutralizing monoclonal antibody induces broad protection against heterogeneous PRRSV strains in piglets. <i>Veterinary Research</i> , 2021, 52, 45.	1.1	9
51	The Hepatitis E Virus Open Reading Frame 2 Protein: Beyond Viral Capsid. <i>Frontiers in Microbiology</i> , 2021, 12, 739124.	1.5	9
52	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
53	PRRSV Vaccine Strain-Induced Secretion of Extracellular ISG15 Stimulates Porcine Alveolar Macrophage Antiviral Response against PRRSV. <i>Viruses</i> , 2020, 12, 1009.	1.5	8
54	A Linear Surface Epitope in a Proline-Rich Region of ORF3 Product of Genotype 1 Hepatitis E Virus. <i>Viruses</i> , 2016, 8, 227.	1.5	7

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55	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
56	Proteomic Analysis of ISGylation in Immortalized Porcine Alveolar Macrophage Cell Lines Induced by Type I Interferon. <i>Vaccines</i> , 2021, 9, 164.	2.1	7
57	The middle half genome of interferon-inducing porcine reproductive and respiratory syndrome virus strain A2MC2 is essential for interferon induction. <i>Journal of General Virology</i> , 2017, 98, 1720-1729.	1.3	7
58	Inhibition of Primary Effusion Lymphoma Engraftment in Scid Mice by Morpholino Oligomers against Early Lytic Genes of Kaposi'S Sarcoma-Associated Herpesvirus. <i>Antiviral Therapy</i> , 2011, 16, 657-666.	0.6	6
59	Development of a monoclonal antibody against swine leukocyte antigen (SLA)-DR β 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
60	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
61	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
62	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
63	The Thr to Met substitution of amino acid 118 in hepatitis B virus surface antigen escapes from immune-assay-based screening of blood donors. <i>Journal of General Virology</i> , 2016, 97, 1210-1217.	1.3	4
64	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
65	Porcine Epidemic Diarrhea Virus Envelope Protein Blocks SLA-DR Expression in Barrow-Derived Dendritic Cells by Inhibiting Promoters Activation. <i>Frontiers in Immunology</i> , 2021, 12, 741425.	2.2	4
66	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
67	Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Signaling by Blocking STAT1/STAT2 Nuclear Translocation. <i>Journal of Virology</i> , 2011, 85, 5705-5705.	1.5	3
68	New insights into hepatitis E virus virus-host interaction: interplay with host interferon induction. <i>Future Virology</i> , 2015, 10, 439-448.	0.9	3
69	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
70	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