Jianzhong Zhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5785145/publications.pdf

Version: 2024-02-01

61 papers	2,106 citations	304602 22 h-index	254106 43 g-index
64 all docs	64 docs citations	64 times ranked	2976 citing authors

#	Article	IF	Citations
1	Systemic Homologous Neutralizing Antibodies Are Inadequate for the Evaluation of Vaccine Protective Efficacy against Coinfection by High Virulent PEDV and PRRSV. Microbiology Spectrum, 2022, 10, e0257421.	1.2	8
2	The Signal Peptide and Chaperone UNC93B1 Both Influence TLR8 Ectodomain Intracellular Endosomal Localization. Vaccines, 2022, 10, 14.	2.1	0
3	The African swine fever virus protease pS273R inhibits DNA sensing cGAS-STING pathway by targeting IKKÎµ. Virulence, 2022, 13, 740-756.	1.8	22
4	Minor and major envelope proteins of PRRSV play synergistic roles in inducing heterologous neutralizing antibodies and conferring cross protection. Virus Research, 2022, 315, 198789.	1.1	3
5	Development of a Monoclonal Antibody to Pig CD69 Reveals Early Activation of T Cells in Pig after PRRSV and ASFV Infection. Viruses, 2022, 14, 1343.	1.5	4
6	The Porcine and Chicken Innate DNA Sensing cGAS-STING-IRF Signaling Axes Exhibit Differential Species Specificity. Journal of Immunology, 2022, 209, 412-426.	0.4	9
7	SARS-CoV-2 Vaccination: What Can We Expect Now?. Vaccines, 2022, 10, 1093.	2.1	0
8	Development and application of a quadruplex realâ€time PCR assay for differential detection of porcine circoviruses (PCV1 to PCV4) in Jiangsu province of China from 2016 to 2020. Transboundary and Emerging Diseases, 2021, 68, 1615-1624.	1.3	50
9	Characterization of four types of MLV-derived porcine reproductive and respiratory syndrome viruses isolated in unvaccinated pigs from 2016 to 2020. Research in Veterinary Science, 2021, 134, 102-111.	0.9	11
10	Chimeric HP-PRRSV2 containing an ORF2-6 consensus sequence induces antibodies with broadly neutralizing activity and confers cross protection against virulent NADC30-like isolate. Veterinary Research, 2021, 52, 74.	1.1	15
11	Appeasing Pheromones against Bovine Respiratory Complex and Modulation of Immune Transcript Expressions. Animals, 2021, 11, 1545.	1.0	2
12	Analysis of Porcine RIG-I Like Receptors Revealed the Positive Regulation of RIG-I and MDA5 by LGP2. Frontiers in Immunology, 2021, 12, 609543.	2.2	7
13	Animal board invited review: Risks of zoonotic disease emergence at the interface of wildlife and livestock systems. Animal, 2021, 15, 100241.	1.3	23
14	Porcine RIG-I and MDA5 Signaling CARD Domains Exert Similar Antiviral Function Against Different Viruses. Frontiers in Microbiology, 2021, 12, 677634.	1.5	4
15	Identification of imidazoquinoline derivative (IQD) interacting sites of porcine TLR8 and the underlying species specificity. Molecular Immunology, 2021, 136, 45-54.	1.0	2
16	Transcriptomic profiling reveals different innate immune responses in primary alveolar macrophages infected by two highly homologous porcine reproductive and respiratory syndrome viruses with distinct virulence. Microbial Pathogenesis, 2021, 158, 105102.	1.3	4
17	The Innate Immune DNA Sensing cGAS-STING Signaling Pathway Mediates Anti-PRRSV Function. Viruses, 2021, 13, 1829.	1.5	14
18	Screening of Porcine Innate Immune Adaptor Signaling Revealed Several Anti-PRRSV Signaling Pathways. Vaccines, 2021, 9, 1176.	2.1	5

#	Article	IF	Citations
19	African Swine Fever Virus A528R Inhibits TLR8 Mediated NF-ÎºB Activity by Targeting p65 Activation and Nuclear Translocation. Viruses, 2021, 13, 2046.	1.5	15
20	African Swine Fever Virus Structural Protein p17 Inhibits Cell Proliferation through ER Stressâ€"ROS Mediated Cell Cycle Arrest. Viruses, 2021, 13, 21.	1.5	27
21	A Systematic Investigation Unveils High Coinfection Status of Porcine Parvovirus Types 1 through 7 in China from 2016 to 2020. Microbiology Spectrum, 2021, 9, e0129421.	1.2	15
22	How the Innate Immune DNA Sensing cGASâ€"STING Pathway Is Involved in Autophagy. International Journal of Molecular Sciences, 2021, 22, 13232.	1.8	15
23	The signaling relations between three adaptors of porcine C-type lectin receptor pathway. Developmental and Comparative Immunology, 2020, 104, 103555.	1.0	5
24	Chicken DNA Sensing cGAS-STING Signal Pathway Mediates Broad Spectrum Antiviral Functions. Vaccines, 2020, 8, 369.	2.1	23
25	Porcine Reproductive and Respiratory Syndrome Virus Interferes with Swine Influenza A Virus Infection of Epithelial Cells. Vaccines, 2020, 8, 508.	2.1	11
26	Porcine IFI16 Negatively Regulates cGAS Signaling Through the Restriction of DNA Binding and Stimulation. Frontiers in Immunology, 2020, 11, 1669.	2.2	12
27	Coinfections and their molecular consequences in the porcine respiratory tract. Veterinary Research, 2020, 51, 80.	1.1	119
28	Inter-relation analysis of signaling adaptors of porcine innate immune pathways. Molecular Immunology, 2020, 121, 20-27.	1.0	7
29	High genetic diversity of Chinese porcine reproductive and respiratory syndrome viruses from 2016 to 2019. Research in Veterinary Science, 2020, 131, 38-42.	0.9	25
30	The infectious cDNA clone of commercial HPâ€PRRS JXA1â€Râ€attenuated vaccine can be a potential effective live vaccine vector. Transboundary and Emerging Diseases, 2020, 67, 1820.	1.3	10
31	Molecular Cloning and Functional Characterization of Mouse Innate Immune Sensor RIG-I. Cytology and Genetics, 2019, 53, 325-329.	0.2	0
32	Synthetic Cationic Peptide IDR-1002 and Human Cathelicidin LL37 Modulate the Cell Innate Response but Differentially Impact PRRSV Replication in vitro. Frontiers in Veterinary Science, 2019, 6, 233.	0.9	8
33	The data of TLR8 species specific downstream differentially regulated genes (DEGs). Data in Brief, 2019, 25, 104314.	0.5	0
34	Identification of Two Porcine Reproductive and Respiratory Syndrome Virus Variants Sharing High Genomic Homology but with Distinct Virulence. Viruses, 2019, 11, 875.	1.5	22
35	Development of universal and quadruplex realâ€time RTâ€PCR assays for simultaneous detection and differentiation of porcine reproductive and respiratory syndrome viruses. Transboundary and Emerging Diseases, 2019, 66, 2271-2278.	1.3	36
36	Comparative transcriptome analysis of TLR8 signaling cells revealed the porcine TLR8 specific differentially expressed genes. Developmental and Comparative Immunology, 2019, 98, 129-136.	1.0	12

#	Article	IF	Citations
37	Co-infection status of classical swine fever virus (CSFV), porcine reproductive and respiratory syndrome virus (PRRSV) and porcine circoviruses (PCV2 and PCV3) in eight regions of China from 2016 to 2018. Infection, Genetics and Evolution, 2019, 68, 127-135.	1.0	62
38	Oligoadenylate-Synthetase-Family Protein OASL Inhibits Activity of the DNA Sensor cGAS during DNA Virus Infection to Limit Interferon Production. Immunity, 2019, 50, 51-63.e5.	6.6	74
39	A novel <scp>NADC</scp> 30â€like porcine reproductive and respiratory syndrome virus () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 2019, 66, 28-34.	1.3	23
40	Emergence of a novel highly pathogenic recombinant virus from three lineages of porcine reproductive and respiratory syndrome virus 2 in China 2017. Transboundary and Emerging Diseases, 2018, 65, 1775-1785.	1.3	46
41	Binding determinants in the interplay between porcine aminopeptidase N and enterotoxigenic Escherichia coli F4 fimbriae. Veterinary Research, 2018, 49, 23.	1.1	6
42	<scp>RNA</scp> sensors of the innate immune system and their detection of pathogens. IUBMB Life, 2017, 69, 297-304.	1.5	177
43	Two novel porcine epidemic diarrhea virus (PEDV) recombinants from a natural recombinant and distinct subtypes of PEDV variants. Virus Research, 2017, 242, 90-95.	1.1	46
44	Molecular characterization of a novel Muscovy duck parvovirus isolate: evidence of recombination between classical MDPV and goose parvovirus strains. BMC Veterinary Research, 2017, 13, 327.	0.7	20
45	HIV-1 Vpr Inhibits Kaposi's Sarcoma-Associated Herpesvirus Lytic Replication by Inducing MicroRNA miR-942-5p and Activating NF-ÎºB Signaling. Journal of Virology, 2016, 90, 8739-8753.	1.5	25
46	A KSHV microRNA enhances viral latency and induces angiogenesis by targeting GRK2 to activate the CXCR2/AKT pathway. Oncotarget, 2016, 7, 32286-32305.	0.8	38
47	MiRNA-891a-5p mediates HIV-1 Tat and KSHV Orf-K1 synergistic induction of angiogenesis by activating NF-ÎºB signaling. Nucleic Acids Research, 2015, 43, 9362-9378.	6.5	57
48	OASLâ€"a new player in controlling antiviral innate immunity. Current Opinion in Virology, 2015, 12, 15-19.	2.6	81
49	2â€²-5â€²-Oligoadenylate Synthetase-Like Protein Inhibits Respiratory Syncytial Virus Replication and Is Targeted by the Viral Nonstructural Protein 1. Journal of Virology, 2015, 89, 10115-10119.	1.5	33
50	A KSHV microRNA Directly Targets G Protein-Coupled Receptor Kinase 2 to Promote the Migration and Invasion of Endothelial Cells by Inducing CXCR2 and Activating AKT Signaling. PLoS Pathogens, 2015, 11, e1005171.	2.1	68
51	HIV-1 Nef and KSHV oncogene K1 synergistically promote angiogenesis by inducing cellular miR-718 to regulate the PTEN/AKT/mTOR signaling pathway. Nucleic Acids Research, 2014, 42, 9862-9879.	6.5	85
52	STING Contributes to Antiglioma Immunity via Triggering Type I IFN Signals in the Tumor Microenvironment. Cancer Immunology Research, 2014, 2, 1199-1208.	1.6	185
53	Antiviral Activity of Human OASL Protein Is Mediated by Enhancing Signaling of the RIG-I RNA Sensor. Immunity, 2014, 40, 936-948.	6.6	201
54	Differential Effects of Phenethyl Isothiocyanate and <scp>D,L</scp>-Sulforaphane on TLR3 Signaling. Journal of Immunology, 2013, 190, 4400-4407.	0.4	17

#	Article	IF	Citations
55	Retinoic Acid-induced Gene-I (RIG-I) Associates with Nucleotide-binding Oligomerization Domain-2 (NOD2) to Negatively Regulate Inflammatory Signaling. Journal of Biological Chemistry, 2011, 286, 28574-28583.	1.6	42
56	PKC alpha regulates Sendai virus-mediated interferon induction through HDAC6 and Î²-catenin. EMBO Journal, 2011, 30, 4838-4849.	3.5	88
57	High-Throughput Screening for TLR3â€“IFN Regulatory Factor 3 Signaling Pathway Modulators Identifies Several Antipsychotic Drugs as TLR Inhibitors. Journal of Immunology, 2010, 184, 5768-5776.	0.4	50
58	Multiple molecular regions confer intracellular localization of bovine Toll-like receptor 8. Molecular Immunology, 2009, 46, 884-892.	1.0	11
59	Characterization of bovine Toll-like receptor 8: Ligand specificity, signaling essential sites and dimerization. Molecular Immunology, 2009, 46, 978-990.	1.0	46
60	Porcine TLR8 and TLR7 are both activated by a selective TLR7 ligand, imiquimod. Molecular Immunology, 2008, 45, 3238-3243.	1.0	56
61	African Swine Fever Virus Structural Protein p17 Inhibits cGAS-STING Signaling Pathway Through Interacting With STING. Frontiers in Immunology, 0, 13, .	2.2	15