

Songlin Qiao

List of Publications by Year in descending order

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55
papers

1,006
citations

430874

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477307

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docs citations

55
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	The prevalent status and genetic diversity of porcine reproductive and respiratory syndrome virus in China: a molecular epidemiological perspective. <i>Virology Journal</i> , 2018, 15, 2.	3.4	158
2	Porcine reproductive and respiratory syndrome virus and bacterial endotoxin act in synergy to amplify the inflammatory response of infected macrophages. <i>Veterinary Microbiology</i> , 2011, 149, 213-220.	1.9	59
3	The Crystal Structure of the Fifth Scavenger Receptor Cysteine-Rich Domain of Porcine CD163 Reveals an Important Residue Involved in Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	58
4	Genome sequencing and analysis of a novel recombinant porcine epidemic diarrhea virus strain from Henan, China. <i>Virus Genes</i> , 2016, 52, 91-98.	1.6	50
5	Molecular epidemiology of outbreak-associated pseudorabies virus (PRV) strains in central China. <i>Virus Genes</i> , 2015, 50, 401-409.	1.6	43
6	Phylogenetic analysis of porcine epidemic diarrhea virus (PEDV) field strains in central China based on the ORF3 gene and the main neutralization epitopes. <i>Archives of Virology</i> , 2014, 159, 1057-1065.	2.1	34
7	Prevalence and genetic characteristics of porcine reproductive and respiratory syndrome virus in central China during 2016–2017: NADC30-like PRRSVs are predominant. <i>Microbial Pathogenesis</i> , 2019, 135, 103657.	2.9	32
8	Nonmuscle Myosin Heavy Chain IIA Recognizes Sialic Acids on Sialylated RNA Viruses To Suppress Proinflammatory Responses via the DAP12-Syk Pathway. <i>MBio</i> , 2019, 10, .	4.1	32
9	Cloning and characterization of porcine Fc gamma receptor II (Fc γ RII). <i>Veterinary Immunology and Immunopathology</i> , 2006, 114, 178-184.	1.2	27
10	Development of an immunochromatographic strip for the detection of antibodies against foot-and-mouth disease virus serotype O. <i>Journal of Virological Methods</i> , 2010, 165, 139-144.	2.1	27
11	Genomic analysis of a recombinant NADC30-like porcine reproductive and respiratory syndrome virus in china. <i>Virus Genes</i> , 2018, 54, 86-97.	1.6	27
12	Porcine Fc γ RIIb Mediates Enhancement of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Infection. <i>PLoS ONE</i> , 2011, 6, e28721.	2.5	26
13	Antibody-dependent enhancement of PRRSV infection down-modulates TNF- α and IFN- γ transcription in macrophages. <i>Veterinary Immunology and Immunopathology</i> , 2013, 156, 128-134.	1.2	26
14	Identification of the RNA Pseudoknot within the 3' End 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> , 2018, 92, .	3.4	25
15	Porcine Reproductive and Respiratory Syndrome Virus Enhances Self-Replication via AP-1-Dependent Induction of SOCS1. <i>Journal of Immunology</i> , 2020, 204, 394-407.	0.8	24
16	Molecular epidemiology of porcine reproductive and respiratory syndrome virus in Central China since 2014: The prevalence of NADC30-like PRRSVs. <i>Microbial Pathogenesis</i> , 2017, 109, 20-28.	2.9	22
17	Development of a p72 trimer-based colloidal gold strip for detection of antibodies against African swine fever virus. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 2703-2714.	3.6	22
18	Porcine reproductive and respiratory syndrome virus induces interleukin-1 β through MyD88/ERK/AP-1 and NLRP3 inflammasome in microglia. <i>Veterinary Microbiology</i> , 2018, 227, 82-89.	1.9	21

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19	Porcine Reproductive and Respiratory Syndrome Virus Utilizes Viral Apoptotic Mimicry as an Alternative Pathway To Infect Host Cells. <i>Journal of Virology</i> , 2020, 94, .	3.4	21
20	The development of a sensitive droplet digital PCR for quantitative detection of porcine reproductive and respiratory syndrome virus. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1223-1228.	7.5	20
21	Molecular cloning and expression of the porcine high-affinity immunoglobulin G Fc receptor (Fc γ RI). <i>Immunogenetics</i> , 2006, 58, 845-849.	2.4	19
22	Identification of a novel linear B-cell epitope within the collagenase equivalent domain of porcine epidemic diarrhea virus spike glycoprotein. <i>Virus Research</i> , 2019, 266, 34-42.	2.2	19
23	Porcine 2 ϵ , 5 ϵ -oligoadenylate synthetase 2 inhibits porcine reproductive and respiratory syndrome virus replication in vitro. <i>Microbial Pathogenesis</i> , 2017, 111, 14-21.	2.9	17
24	Complete Genome Sequence of a Mosaic NADC30-Like Porcine Reproductive and Respiratory Syndrome Virus in China. <i>Genome Announcements</i> , 2016, 4, .	0.8	16
25	Development of an immunochromatographic strip for detection of antibodies against porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Science</i> , 2017, 18, 307.	1.3	16
26	Development of a Peptide-Based Immunochromatographic Strip for Differentiation of Serotype O ₁ Foot-and-Mouth Disease Virus-Infected Pigs from Vaccinated Pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 412-415.	1.1	13
27	Porcine Fc γ RIIb mediated PRRSV ADE infection through inhibiting IFN- β by cytoplasmic inhibitory signal transduction. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 198-206.	7.5	12
28	Glycoprotein 5 Is Cleaved by Cathepsin E during Porcine Reproductive and Respiratory Syndrome Virus Membrane Fusion. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
29	Efficacy of a live attenuated highly pathogenic PRRSV vaccine against a NADC30-like strain challenge: implications for ADE of PRRSV. <i>BMC Veterinary Research</i> , 2021, 17, 260.	1.9	10
30	Characterization of the interaction between recombinant porcine aminopeptidase N and spike glycoprotein of porcine epidemic diarrhea virus. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 704-712.	7.5	9
31	Structural comparison of CD163 SRCR5 from different species sheds some light on its involvement in porcine reproductive and respiratory syndrome virus-2 infection in vitro. <i>Veterinary Research</i> , 2021, 52, 97.	3.0	9
32	Identification of the linear epitope for Fc-binding on the bovine IgG2 Fc receptor (boFc γ 2R) using synthetic peptides. <i>FEBS Letters</i> , 2006, 580, 1383-1390.	2.8	8
33	The Zinc-Finger Domain Was Essential for Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein-1 to Inhibit the Production of Interferon- β . <i>Journal of Interferon and Cytokine Research</i> , 2013, 33, 328-334.	1.2	8
34	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.	3.5	8
35	Porcine sialoadhesin suppresses type I interferon production to support porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Research</i> , 2020, 51, 18.	3.0	7
36	Efficient recovery of a functional extracellular domain of bovine IgG2 Fc receptor (boFc γ 2R) from inclusion bodies by a rapid dilution refolding system. <i>Journal of Immunological Methods</i> , 2008, 334, 21-28.	1.4	6

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37	Quantitative Proteomic Analysis of Global Protein Acetylation in PRRSV-Infected Pulmonary Alveolar Macrophages. <i>Proteomics</i> , 2021, 21, 2000019.	2.2	6
38	Tumor Susceptibility Gene 101 (TSG101) Contributes to Virion Formation of Porcine Reproductive and Respiratory Syndrome Virus via Interaction with the Nucleocapsid (N) Protein along with the Early Secretory Pathway. <i>Journal of Virology</i> , 2022, 96, jvi0000522.	3.4	6
39	Expression, purification and characterization of a functional extracellular domain of porcine Fc γ RII. <i>Protein Expression and Purification</i> , 2009, 68, 12-17.	1.3	5
40	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> , 2021, 257, 109075.	1.9	5
41	Efficient purification of cell culture-derived classical swine fever virus by ultrafiltration and size-exclusion chromatography. <i>Frontiers of Agricultural Science and Engineering</i> , 2015, 2, 230.	1.4	5
42	Characterization and ligand specificity of sheep IgG2 receptor. <i>Immunogenetics</i> , 2009, 61, 597-601.	2.4	4
43	Amino acid at position 176 was essential for porcine reproductive and respiratory syndrome virus (PRRSV) non-structural protein 1 \pm (nsp1 \pm) as an inhibitor to the induction of IFN- β . <i>Cellular Immunology</i> , 2012, 280, 125-131.	3.0	4
44	Impairment of the Antibody-Dependent Phagocytic Function of PMNs through Regulation of the Fc γ Rs Expression after Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>PLoS ONE</i> , 2013, 8, e66965.	2.5	4
45	Vesicular stomatitis virus glycoprotein suppresses nuclear factor kappa-B- and mitogen-activated protein kinase-mediated pro-inflammatory responses dependent on sialic acids. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 828-833.	7.5	4
46	Porcine reproductive and respiratory syndrome virus up-regulates sialoadhesin via IFN-STAT signaling to facilitate its infection. <i>Microbial Pathogenesis</i> , 2020, 142, 104112.	2.9	4
47	Cloning and characterization of ovine immunoglobulin G Fc receptor II (Fc γ RII). <i>Veterinary Immunology and Immunopathology</i> , 2010, 133, 243-249.	1.2	3
48	Genetic characterization and ligand specificity of the ovine Fc gamma receptor I (ovFc γ RI). <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 317-321.	1.2	3
49	Complete Genome Sequence of the Porcine Epidemic Diarrhea Virus Variant CH/HNYF/2014. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
50	The CD163 long-range scavenger receptor cysteine-rich repeat: expression, purification and X-ray crystallographic characterization. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 322-326.	0.8	3
51	Structural prediction of porcine sialoadhesin V-set Ig-like domain sheds some light on its role in porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>Frontiers of Agricultural Science and Engineering</i> , 2016, 3, 65.	1.4	3
52	Cloning and characterization of ovine immunoglobulin G Fc receptor III (Fc γ RIII). <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 282-288.	1.2	1
53	Elastase-mediated membrane fusion of highly pathogenic porcine reproductive and respiratory syndrome virus at host cell surface. <i>Veterinary Microbiology</i> , 2020, 250, 108851.	1.9	1
54	Cloning and Characterization of the IgA Fc Receptor from Swine. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 2192-2198.	2.1	1

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55	Proteomic Investigation Reveals Eukaryotic Translation Initiation Factor 5A Involvement in Porcine Reproductive and Respiratory Syndrome Virus Infection in vitro. <i>Frontiers in Veterinary Science</i> , 2022, 9, 861137.	2.2	0